

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045718.D
 Acq On : 11 Jun 2020 11:27
 Operator : CG/JU
 Sample : L2965-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OFFICE-SLAB-1

Quant Time: Jun 11 12:25:58 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

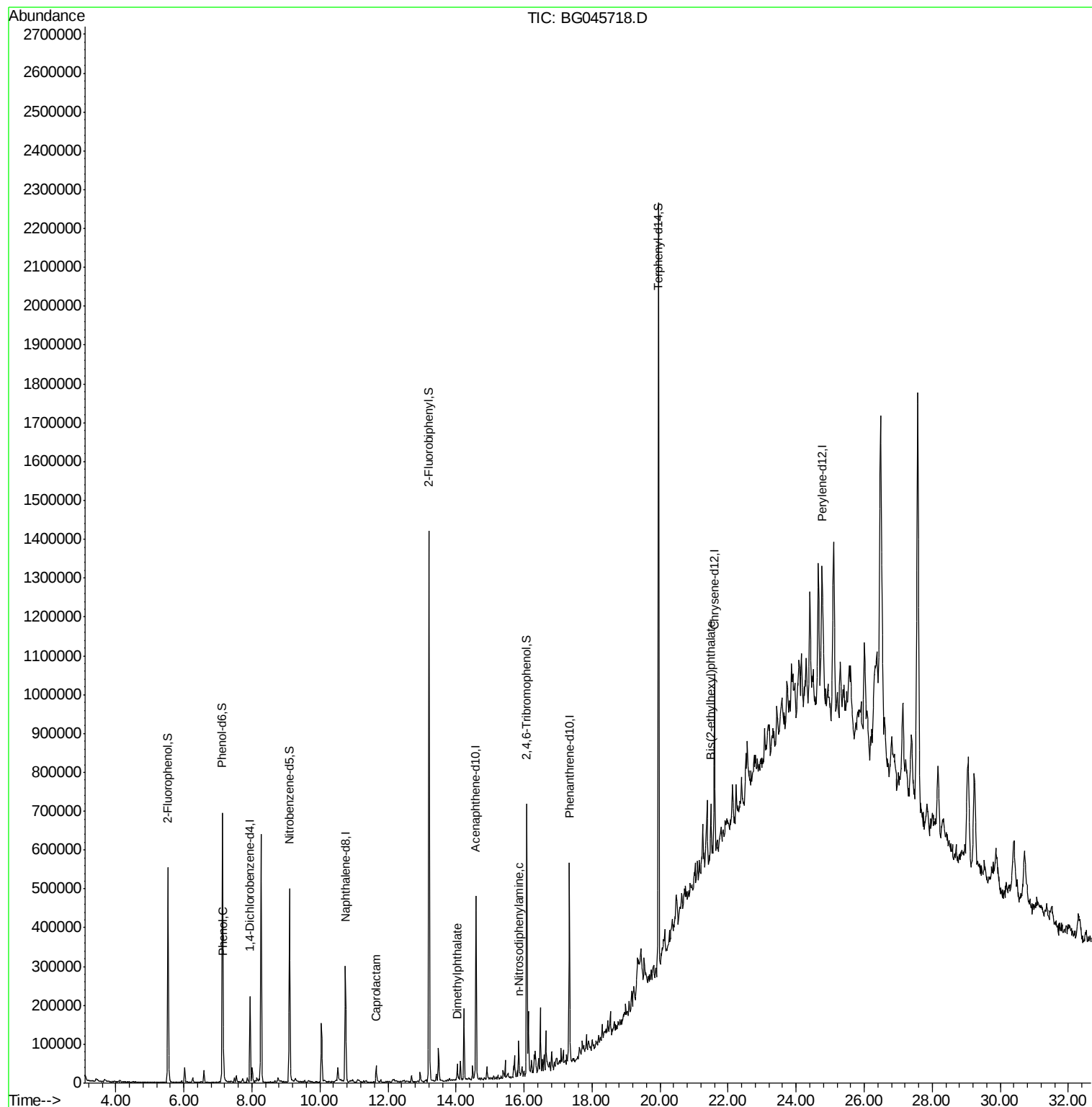
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	64447	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	252740	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	164681	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	330510	20.00	ng	0.00
76) Chrysene-d12	21.59	240	296886	20.00	ng	0.00
87) Perylene-d12	24.76	264	316123	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	279221	84.67	ng	0.00
7) Phenol-d6	7.13	99	466609	99.41	ng	-0.01
23) Nitrobenzene-d5	9.11	82	341321	73.64	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	149685	71.07	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	751835	77.44	ng	0.00
79) Terphenyl-d14	19.96	244	986753	77.52	ng	0.00
Target Compounds						
10) Phenol	7.16	94	46975	9.711	ng	93
35) Caprolactam	11.66	113	10409	7.622	ng	# 87
50) Dimethylphthalate	14.04	163	24713	2.188	ng	99
66) n-Nitrosodiphenylamine	15.84	169	35921	4.527	ng	92
84) Bis(2-ethylhexyl)phthalate	21.49	149	54336	5.411	ng	97

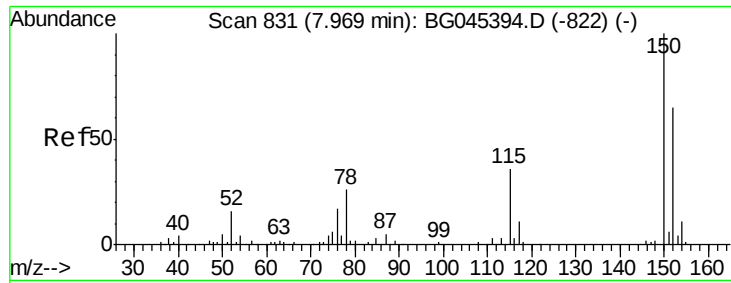
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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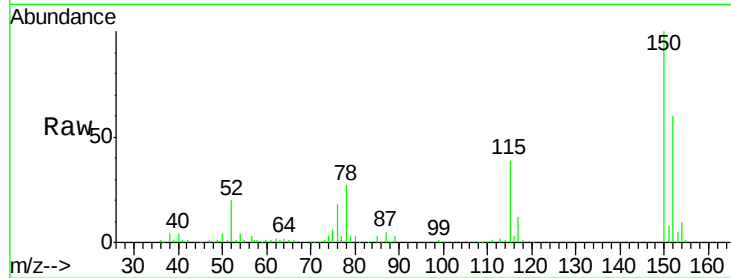




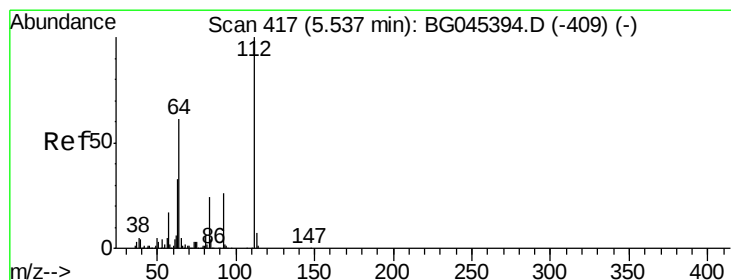
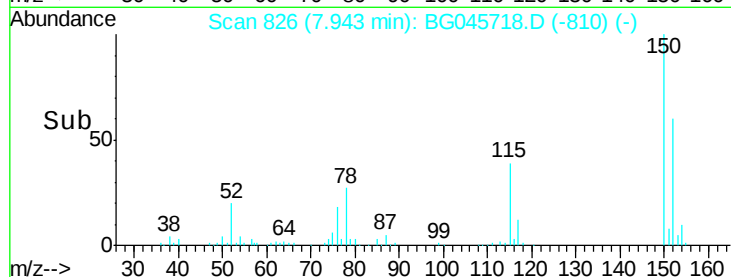
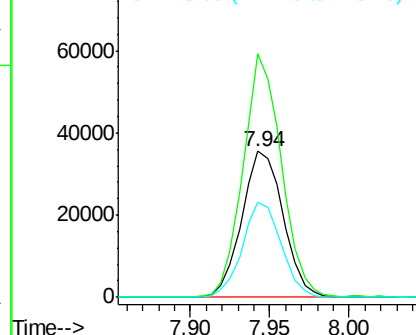
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.94 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG045718.D
 Acq: 11 Jun 2020 11:27

Instrument :
 BNA_G
 ClientSampleId :
 OFFICE-SLAB-1

Tot Ion:152 Resp: 64447
 Ion Ratio Lower Upper
 152 100
 150 166.8 122.4 183.6
 115 65.4 44.2 66.4

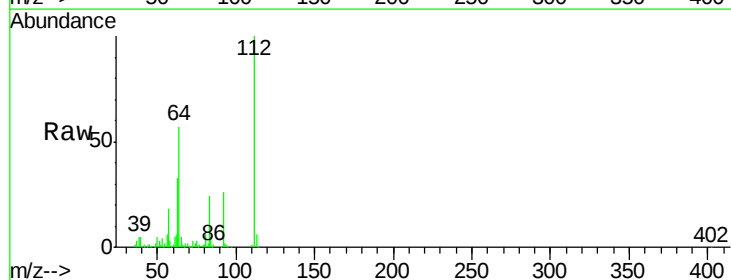


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

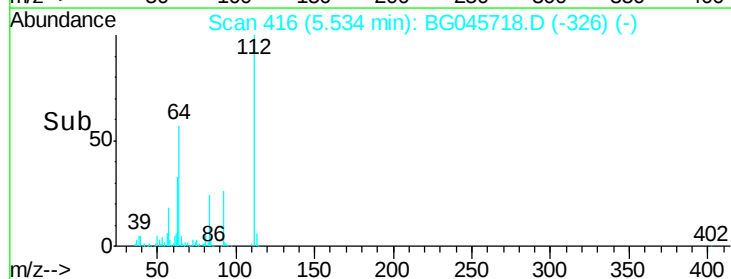
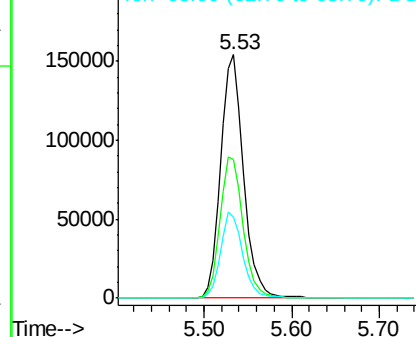


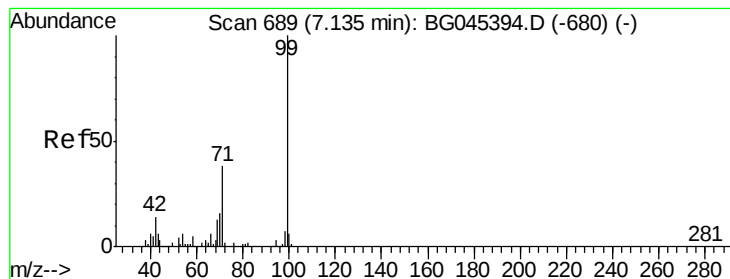
#5
 2-Fluorophenol
 Concen: 84.671 ng
 RT: 5.53 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: BG045718.D
 Acq: 11 Jun 2020 11:27

Tgt Ion:112 Resp: 279221
 Ion Ratio Lower Upper
 112 100
 64 56.8 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





#7

Phenol-d6

Concen: 99.413 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG045718.D

Acq: 11 Jun 2020 11:27

Instrument :

BNA_G

ClientSampleId :

OFFICE-SLAB-1

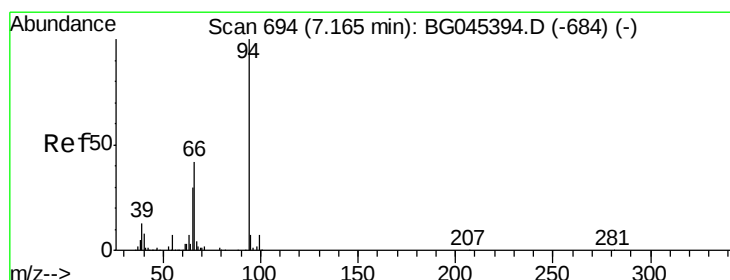
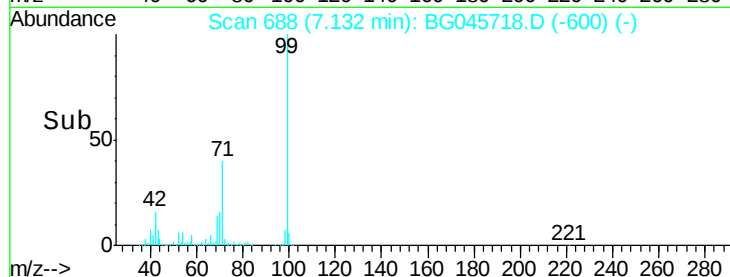
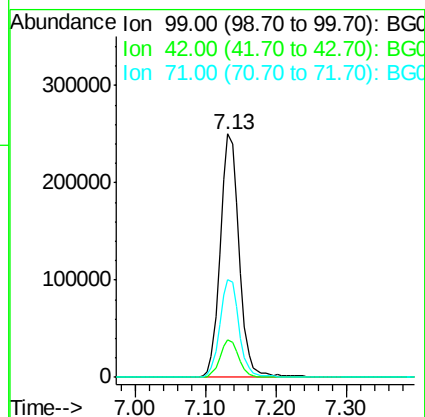
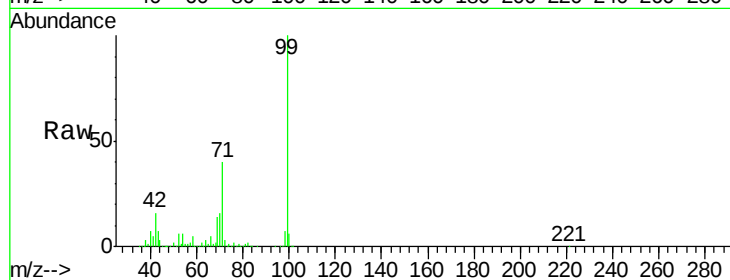
Tot Ion: 99 Resp: 466609

Ion Ratio Lower Upper

99 100

42 15.7 11.3 16.9

71 40.2 30.8 46.2



#10

Phenol

Concen: 9.711 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG045718.D

Acq: 11 Jun 2020 11:27

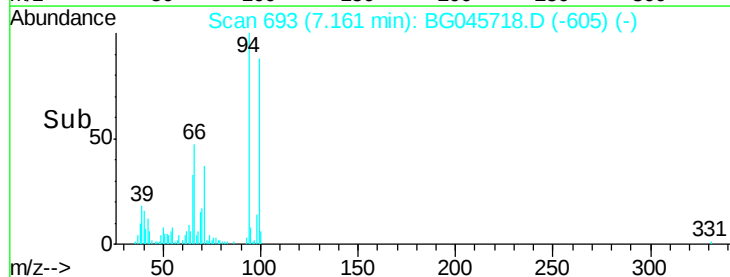
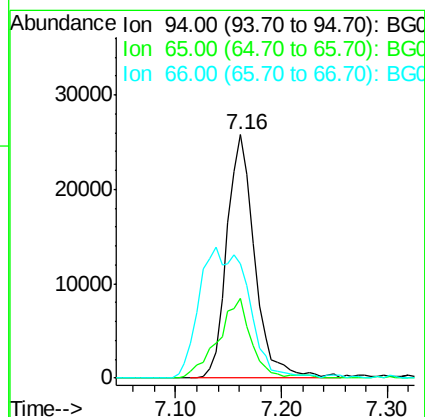
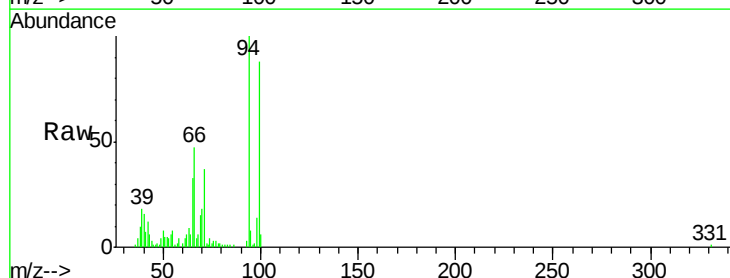
Tgt Ion: 94 Resp: 46975

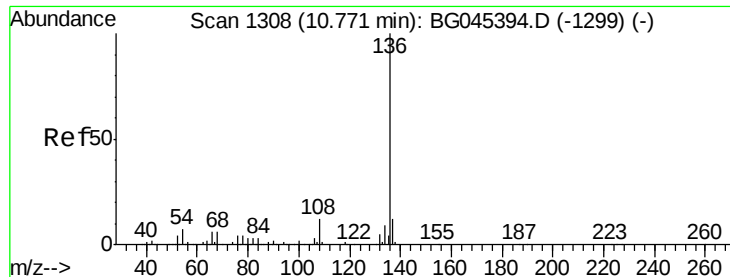
Ion Ratio Lower Upper

94 100

65 32.8 9.8 49.8

66 46.9 22.0 62.0

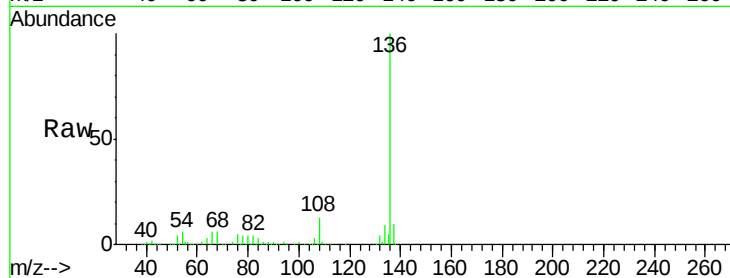




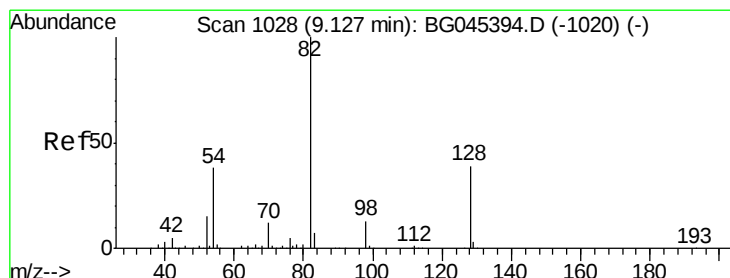
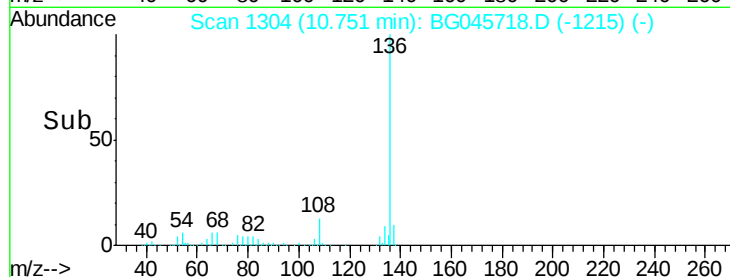
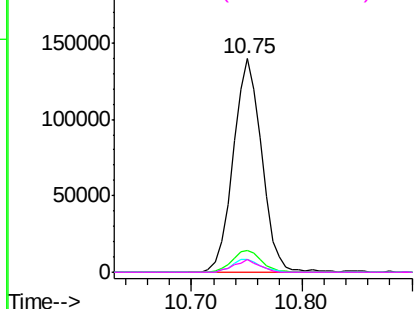
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045718.D
Acq: 11 Jun 2020 11:27

Instrument :
BNA_G
ClientSampleId :
OFFICE-SLAB-1

Tot Ion:136	Resp:	252740
Ion Ratio	Lower	Upper
136 100		
137 10.4	9.4	14.2
54 6.2	5.8	8.6
68 5.8	4.5	6.7

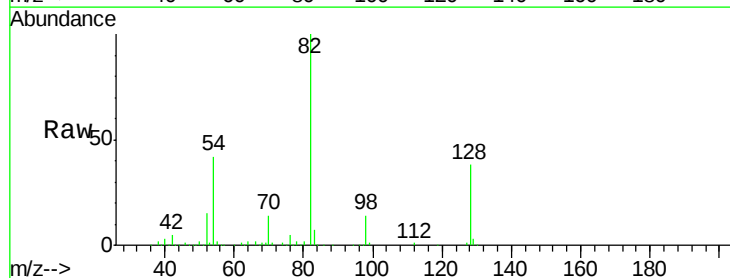


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

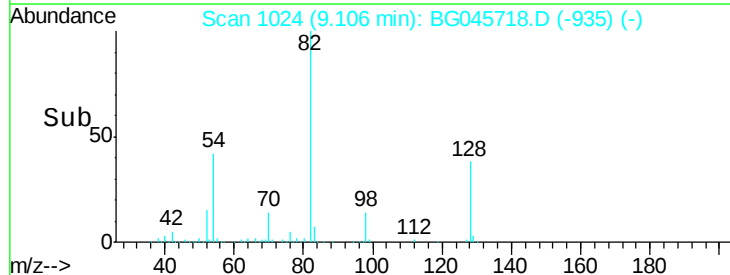
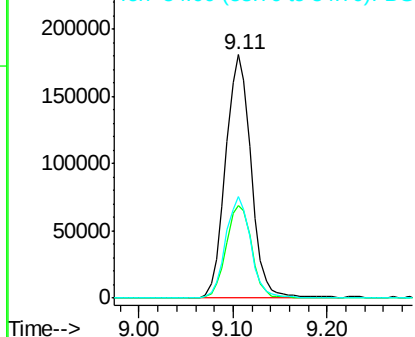


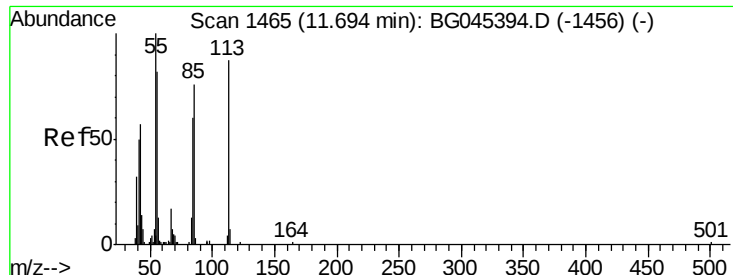
#23
Nitrobenzene-d5
Concen: 73.644 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG045718.D
Acq: 11 Jun 2020 11:27

Tgt Ion: 82	Resp: 341321
Ion Ratio	Lower Upper
82 100	
128 38.1	30.9 46.3
54 41.6	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





#35

Caprolactam

Concen: 7.622 ng

RT: 11.66 min Scan# 1459

Delta R.T. -0.03 min

Lab File: BG045718.D

Acq: 11 Jun 2020 11:27

Instrument :

BNA_G

ClientSampleId :

OFFICE-SLAB-1

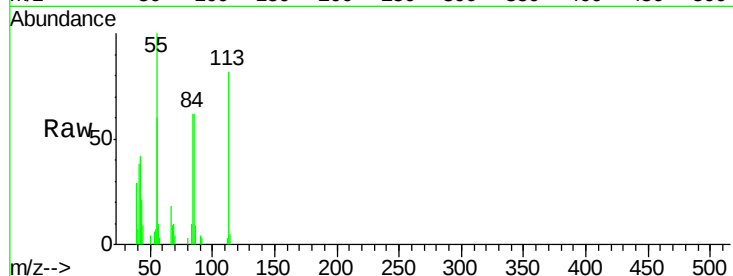
Tot Ion:113 Resp: 10409

Ion Ratio Lower Upper

113 100

55 121.8 96.0 136.0

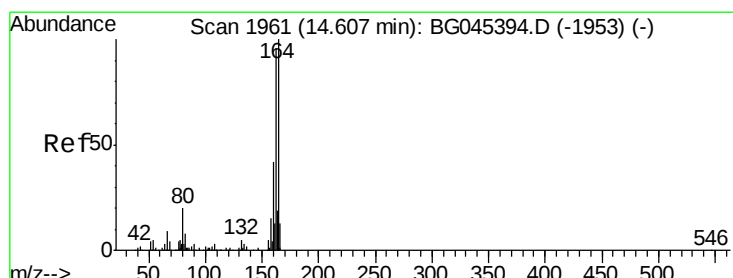
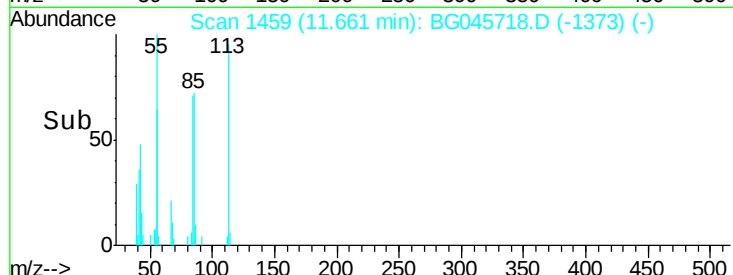
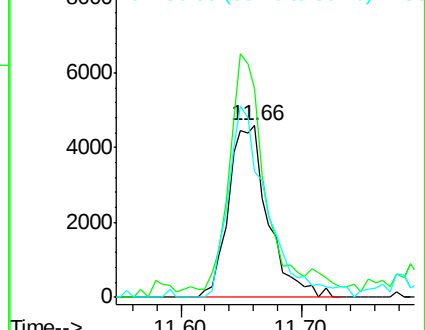
56 73.0 75.1 115.1#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG045718.D

Acq: 11 Jun 2020 11:27

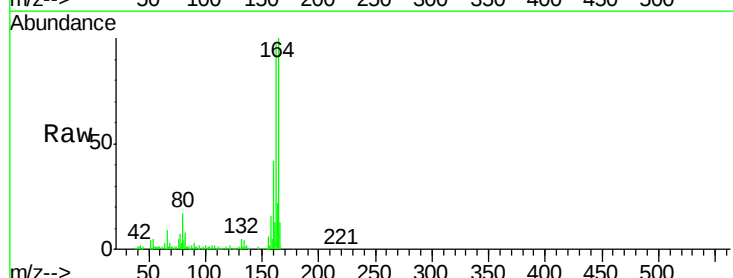
Tgt Ion:164 Resp: 164681

Ion Ratio Lower Upper

164 100

162 97.3 76.9 115.3

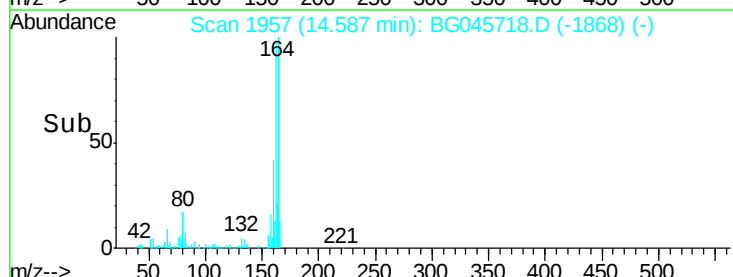
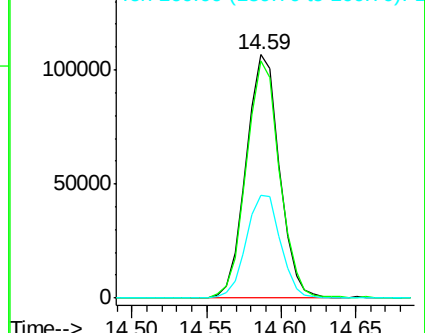
160 42.5 33.8 50.8

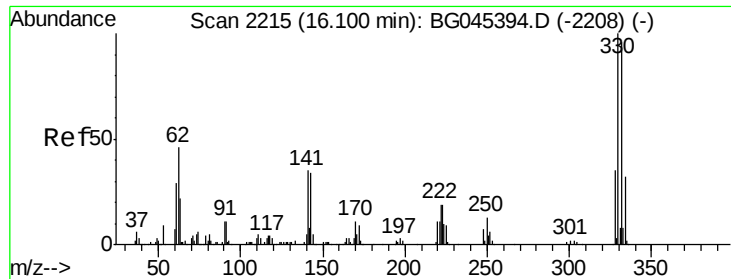


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

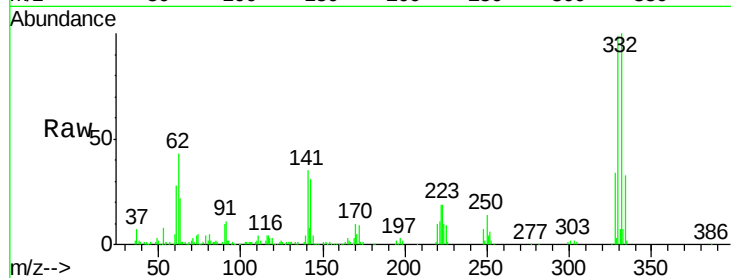




#42
 2,4,6-Tribromophenol
 Concen: 71.073 ng
 RT: 16.08 min Scan# 2212
 Delta R.T. -0.01 min
 Lab File: BG045718.D
 Acq: 11 Jun 2020 11:27

Instrument :
 BNA_G
 ClientSampleId :
 OFFICE-SLAB-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	78.2	117.4
141	35.9	28.2	42.4

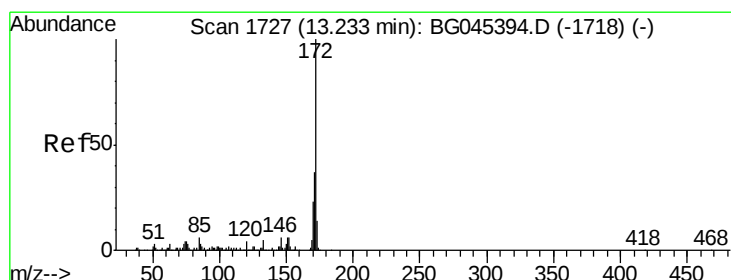
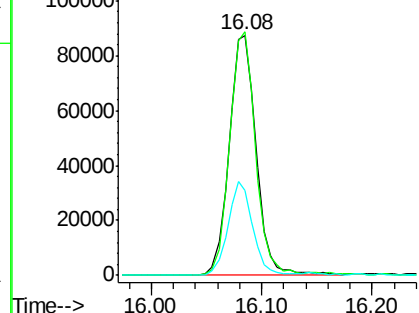
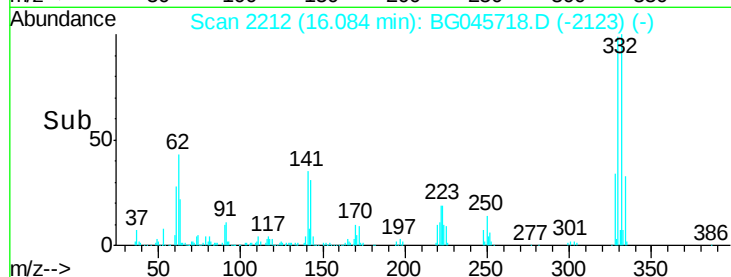


Abundance

Ion 329.80 (329.50 to 330.50): E

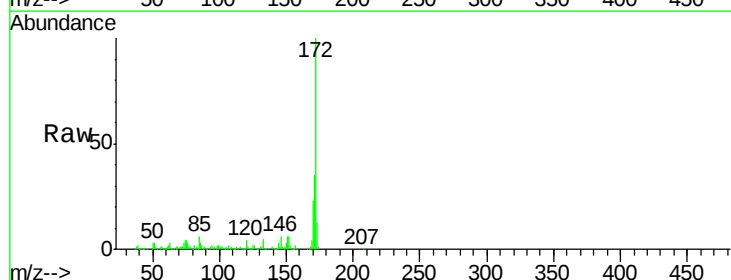
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 77.439 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG045718.D
 Acq: 11 Jun 2020 11:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.5	44.3
170	23.4	18.5	27.7

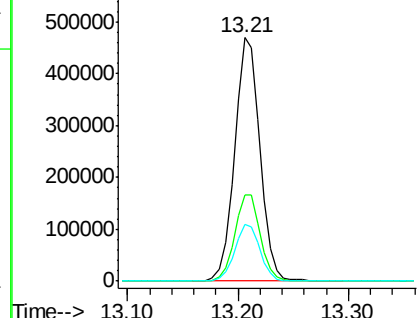
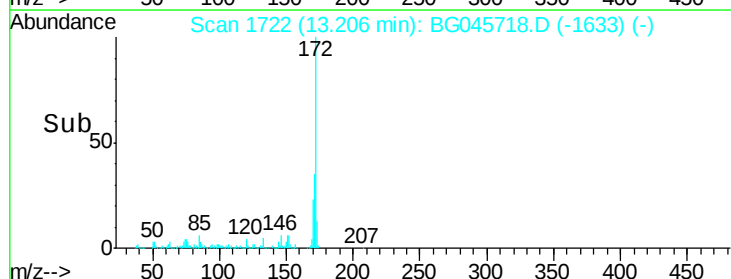


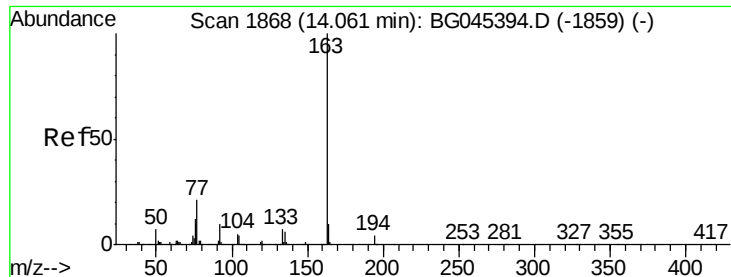
Abundance

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: 2.188 ng

RT: 14.04 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG045718.D

Acq: 11 Jun 2020 11:27

Instrument :

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ClientSampleId :

OFFICE-SLAB-1

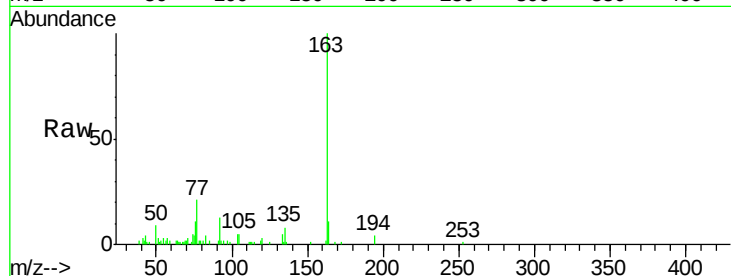
Tot Ion:163 Resp: 24713

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

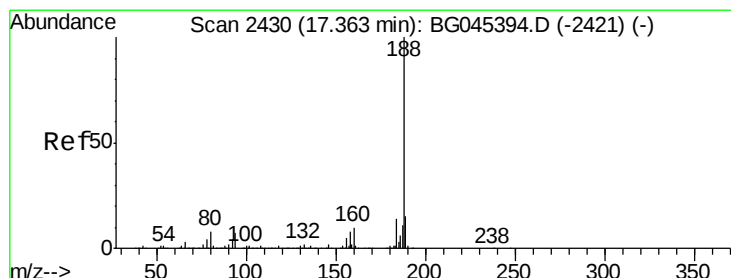
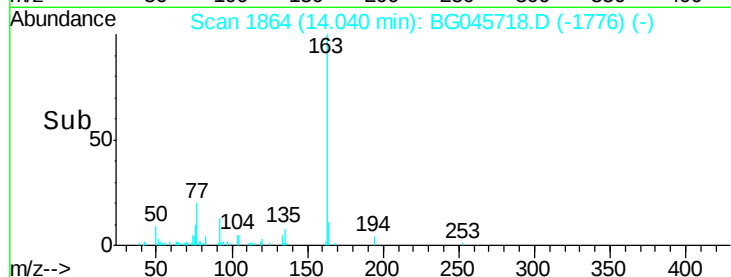
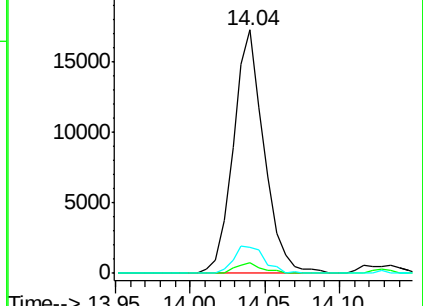
164 10.8 8.3 12.5



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BG045718.D

Acq: 11 Jun 2020 11:27

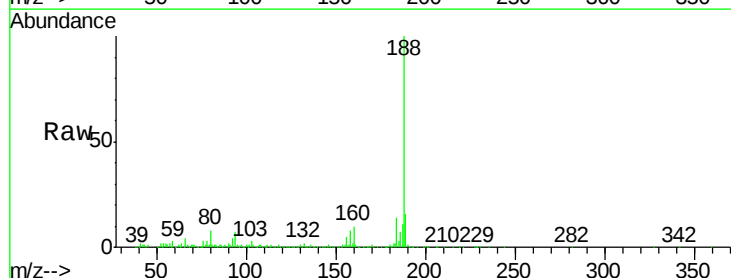
Tgt Ion:188 Resp: 330510

Ion Ratio Lower Upper

188 100

94 6.8 5.5 8.3

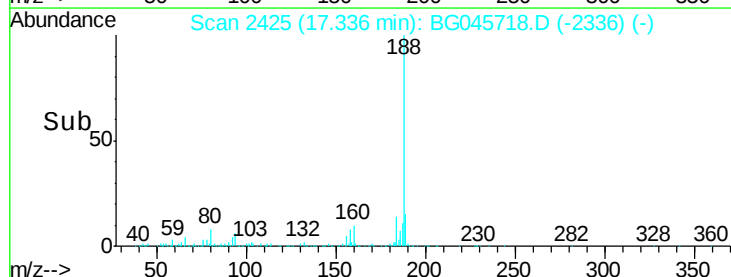
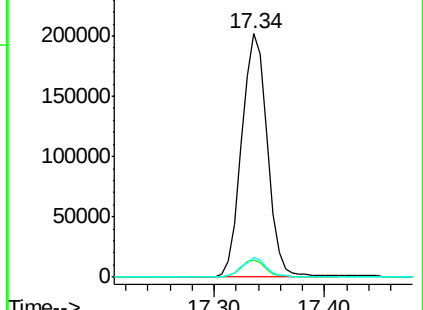
80 7.9 6.6 10.0

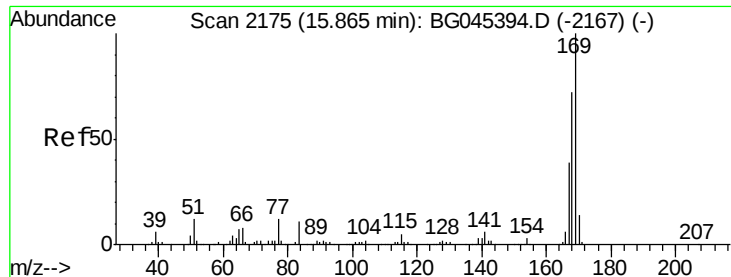


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

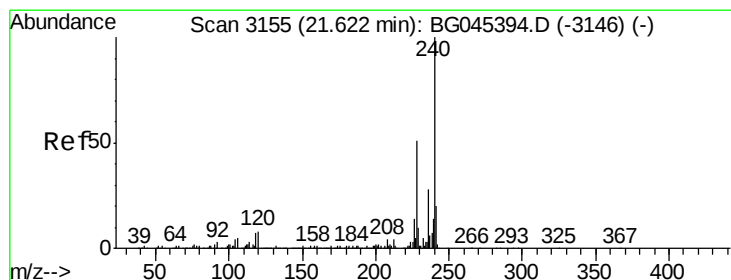
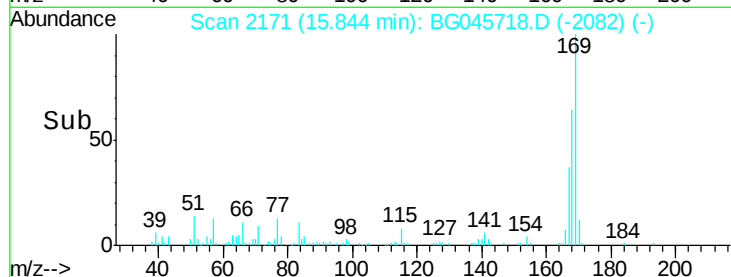
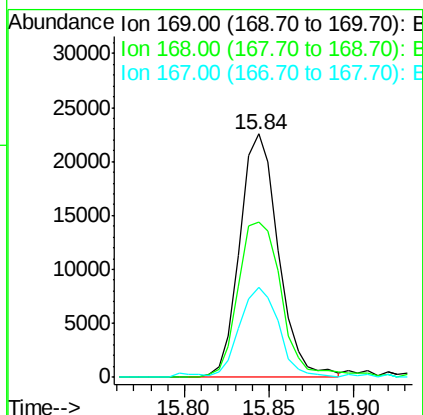
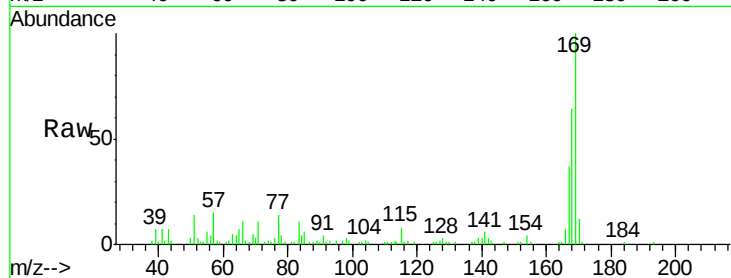




#66
n-Nitrosodiphenylamine
Concen: 4.527 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG045718.D
Acq: 11 Jun 2020 11:27

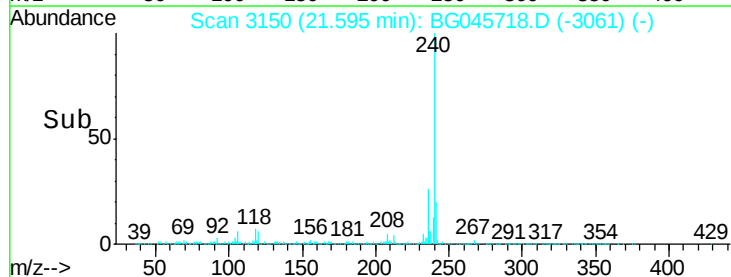
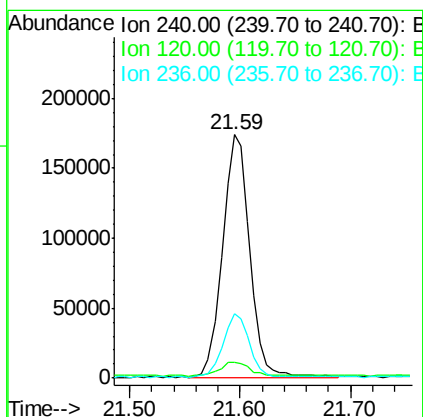
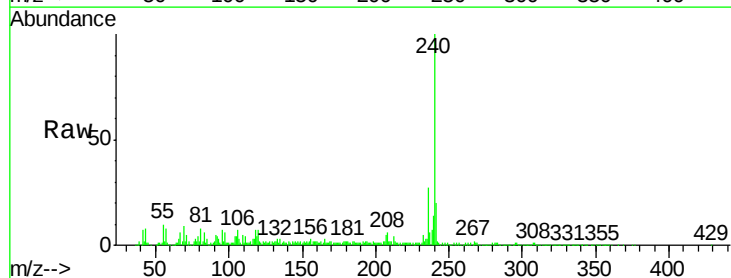
Instrument :
BNA_G
ClientSampleId :
OFFICE-SLAB-1

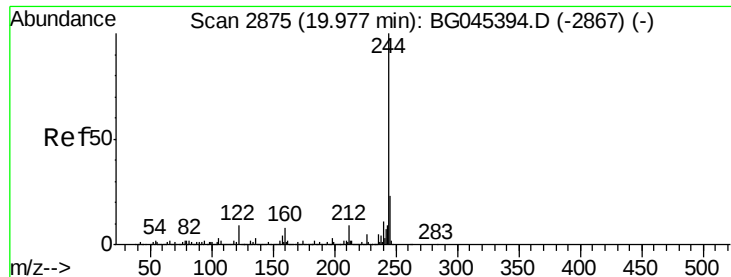
Tot Ion:169 Resp: 35921
Ion Ratio Lower Upper
169 100
168 63.9 57.8 86.6
167 37.2 31.5 47.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG045718.D
Acq: 11 Jun 2020 11:27

Tgt Ion:240 Resp: 296886
Ion Ratio Lower Upper
240 100
120 6.7 6.1 9.1
236 26.6 22.3 33.5





#79

Terphenyl-d14

Concen: 77.518 ng

RT: 19.96 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045718.D

Acq: 11 Jun 2020 11:27

Instrument :

BNA_G

ClientSampleId :

OFFICE-SLAB-1

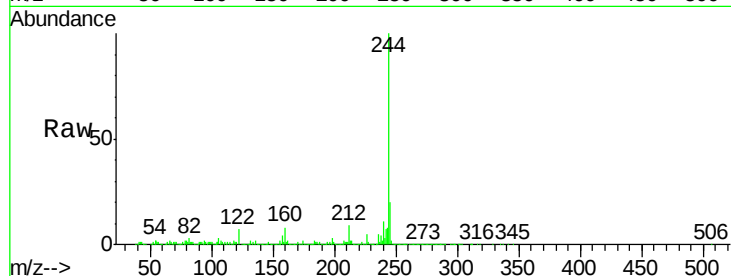
Tot Ion:244 Resp: 986753

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.0

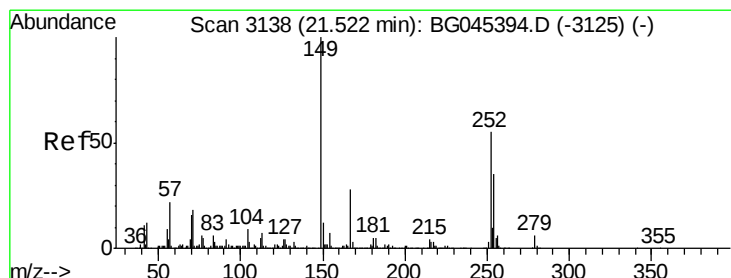
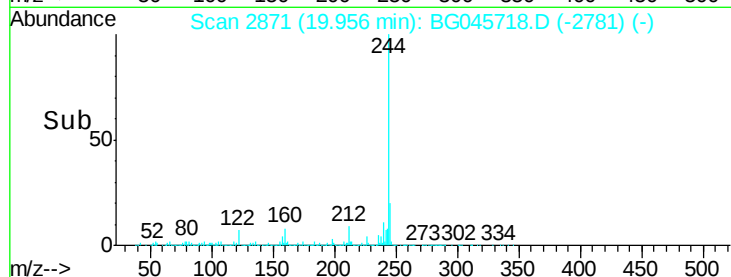
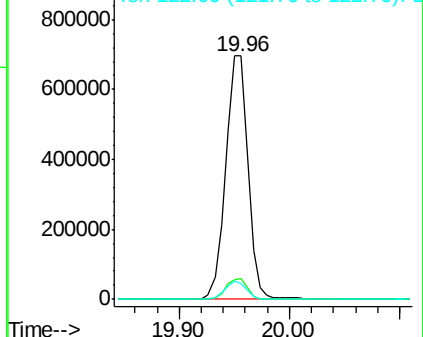
122 6.7 6.8 10.2#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.411 ng

RT: 21.49 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG045718.D

Acq: 11 Jun 2020 11:27

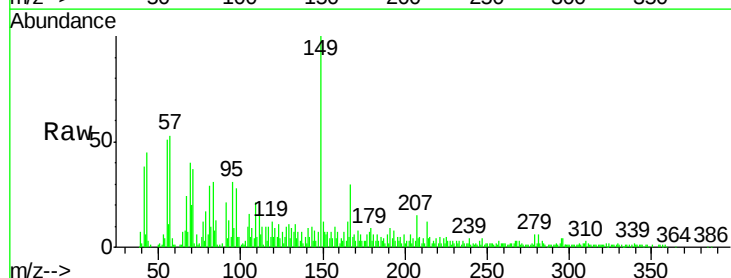
Tgt Ion:149 Resp: 54336

Ion Ratio Lower Upper

149 100

167 29.9 22.2 33.2

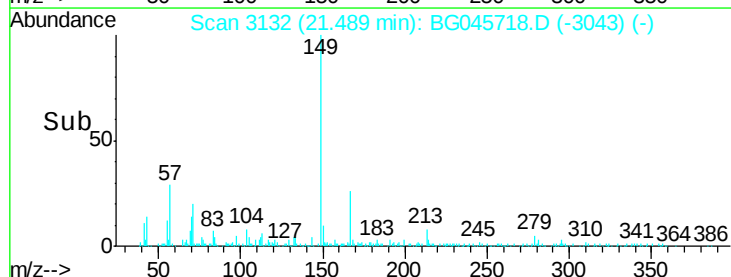
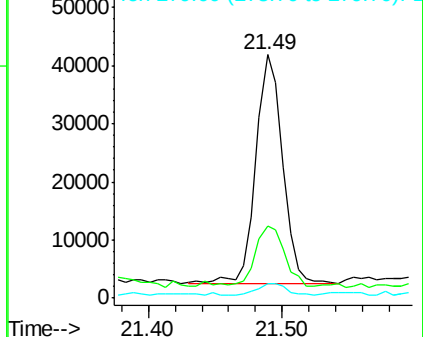
279 5.8 4.7 7.1

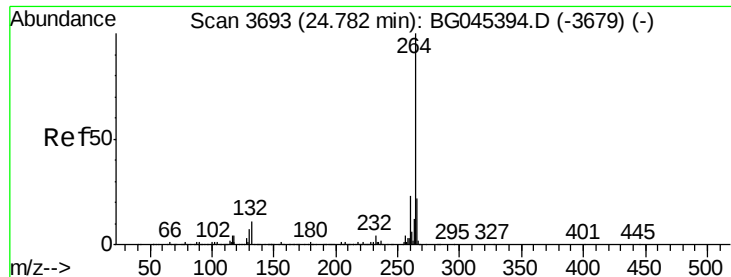


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

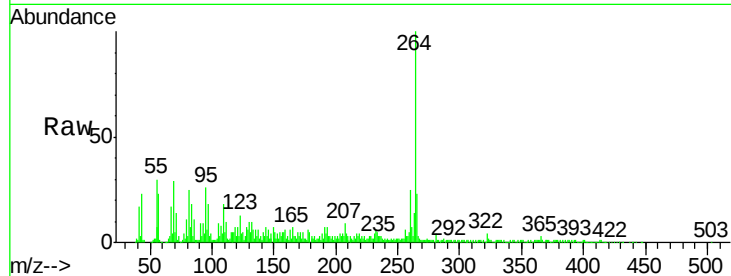




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.76 min Scan# 3688
Delta R.T. 0.00 min
Lab File: BG045718.D
Acq: 11 Jun 2020 11:27

Instrument :
BNA_G
ClientSampleId :
OFFICE-SLAB-1

Tot Ion:	264	Resp:	316123
Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.2	27.4
265	23.2	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

