

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060520\
 Data File : BG045624.D
 Acq On : 5 Jun 2020 20:12
 Operator : CG/JU
 Sample : L2859-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-UST

Quant Time: Jun 06 01:18:11 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	62800	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	231501	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	162338	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	364214	20.00	ng	0.00
76) Chrysene-d12	21.60	240	358093	20.00	ng	0.00
87) Perylene-d12	24.74	264	390512	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	166626	51.85	ng	0.00
7) Phenol-d6	7.15	99	141174	30.87	ng	0.00
23) Nitrobenzene-d5	9.11	82	424703	100.04	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	317900	153.12	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	950157	99.28	ng	0.00
79) Terphenyl-d14	19.96	244	1612040	104.99	ng	0.00

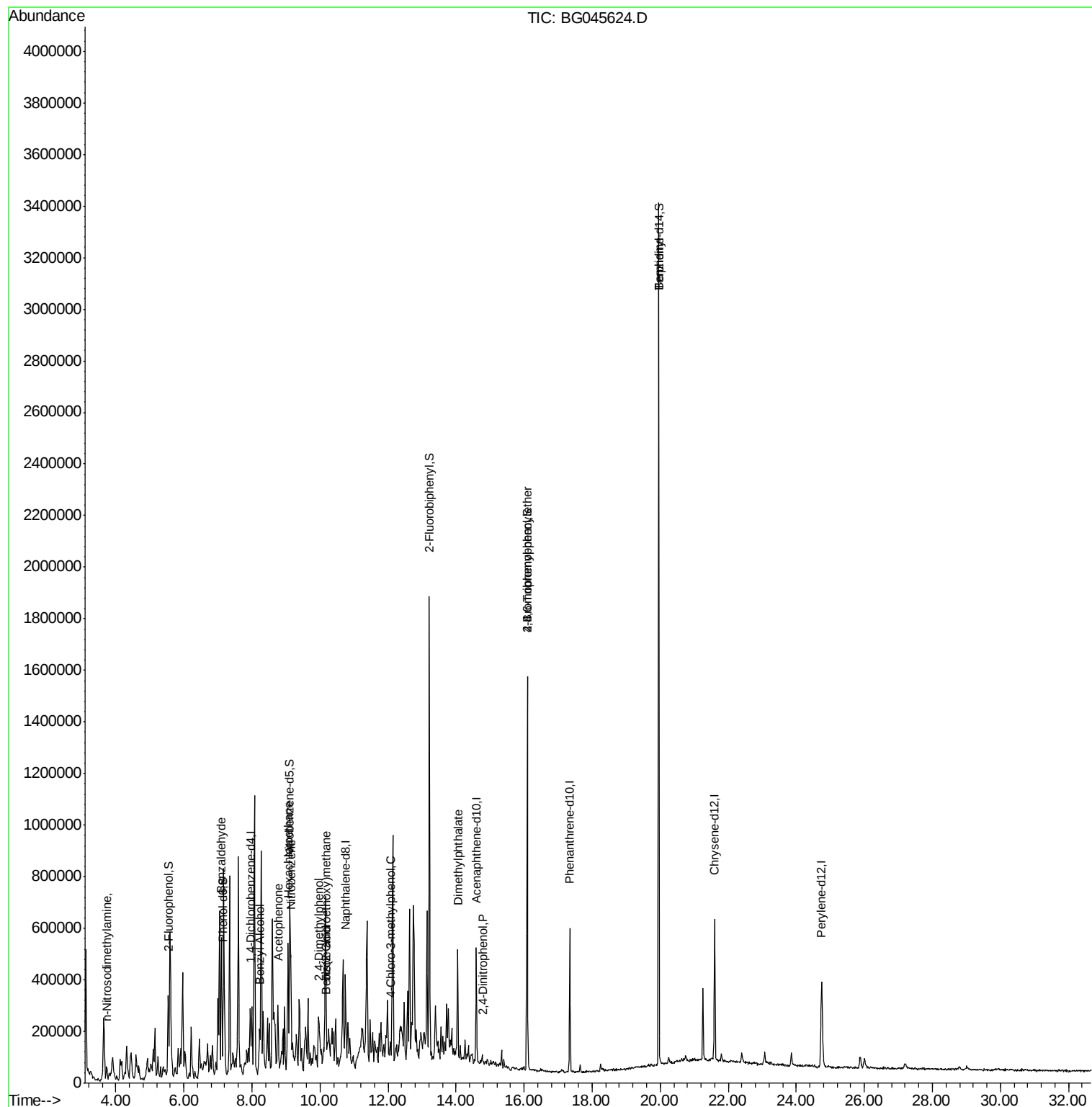
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.73	42	5126	3.530	ng	# 1
9) Benzaldehyde	7.10	77	41192	13.823	ng	# 1
15) Benzyl Alcohol	8.23	79	8409	2.226	ng	# 52
18) Hexachloroethane	9.07	117	50376	31.473	ng	# 1
22) Acetophenone	8.76	105	186347	33.963	ng	# 65
24) Nitrobenzene	9.15	77	19382	4.261	ng	# 18
27) 2,4-Dimethylphenol	9.98	122	33820	11.719	ng	# 94
28) bis(2-Chloroethoxy)methane	10.19	93	34855	7.949	ng	# 93
32) Benzoic acid	10.20	122	1098	10.465	ng	# 1
36) 4-Chloro-3-methylphenol	12.07	107	24179	6.297	ng	# 20
50) Dimethylphthalate	14.05	163	269883	24.235	ng	# 98
54) 2,4-Dinitrophenol	14.79	184	58	5.492	ng	# 1
67) 4-Bromophenyl-phenylether	16.09	248	21077	5.344	ng	# 1
77) Benzidine	19.96	184	32295	3.211	ng	# 95

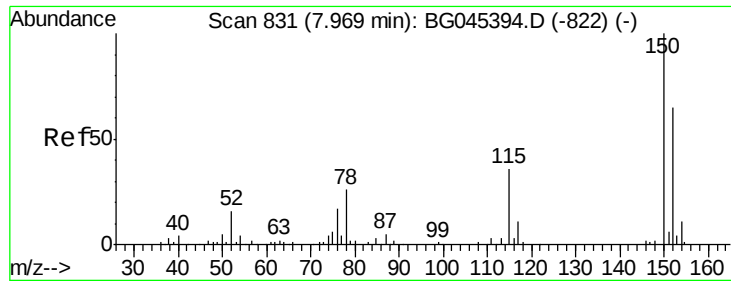
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060520\
Data File : BG045624.D
Acq On : 5 Jun 2020 20:12
Operator : CG/JU
Sample : L2859-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-UST

Quant Time: Jun 06 01:18:11 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



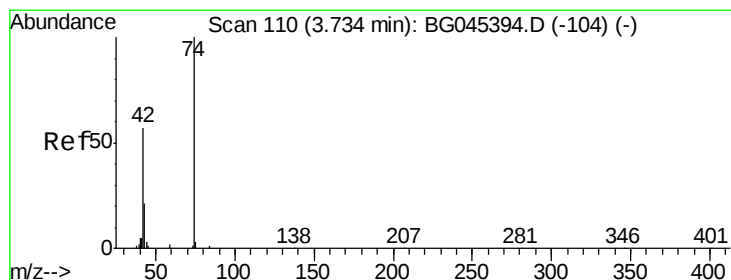
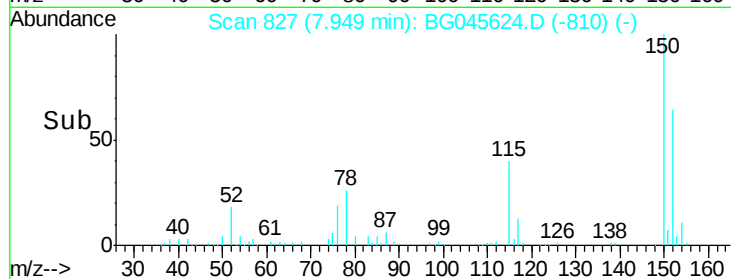
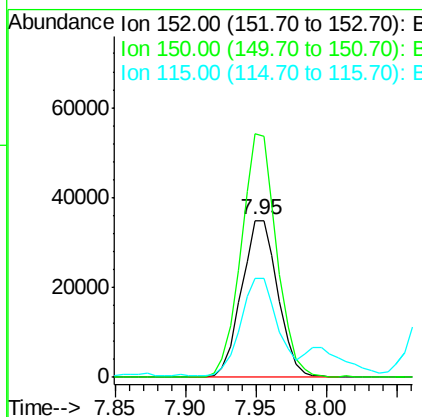
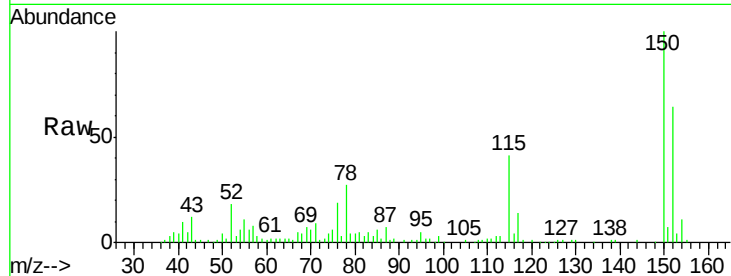


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045624.D
Acq: 5 Jun 2020 20:12

Instrument :
BNA_G
ClientSampleId :
SP-UST

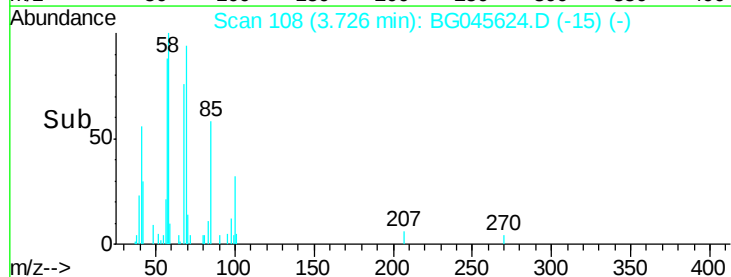
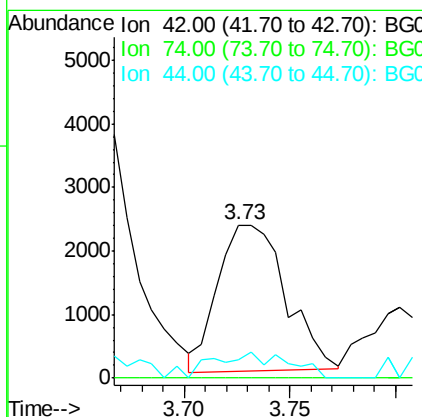
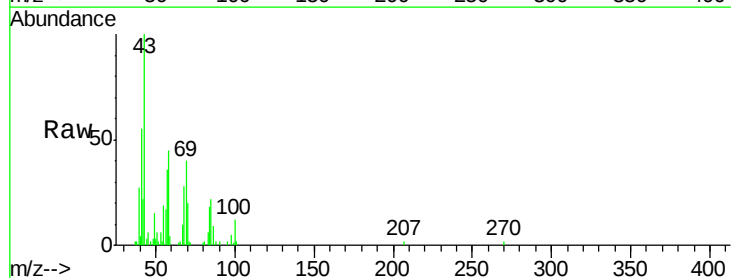
Tot Ion:152 Resp: 62800
Ion Ratio Lower Upper
152 100
150 155.1 122.4 183.6
115 63.5 44.2 66.4

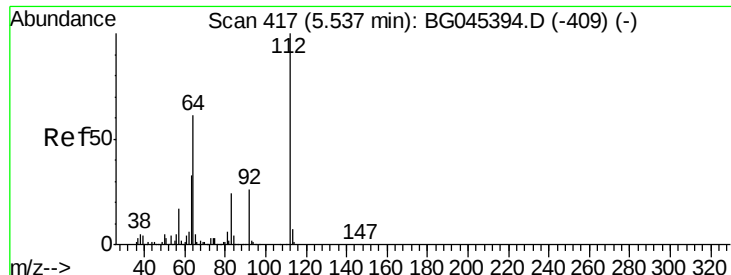


#4

n-Nitrosodimethylamine
Concen: 3.530 ng
RT: 3.73 min Scan# 108
Delta R.T. 0.02 min
Lab File: BG045624.D
Acq: 5 Jun 2020 20:12

Tgt Ion: 42 Resp: 5126
Ion Ratio Lower Upper
42 100
74 0.0 141.3 211.9#
44 11.6 4.2 6.4#





#5

2-Fluorophenol

Concen: 51.853 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045624.D

Acq: 5 Jun 2020 20:12

Instrument :

BNA_G

ClientSampleId :

SP-UST

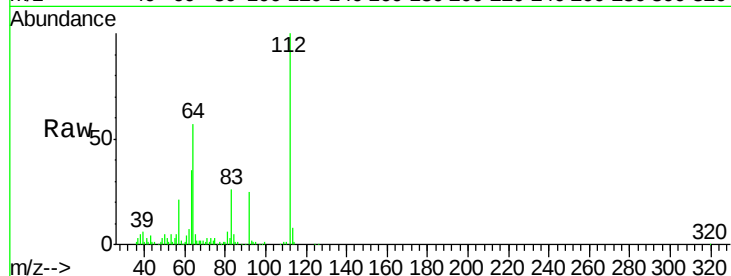
Tot Ion:112 Resp: 166626

Ion Ratio Lower Upper

112 100

64 57.4 48.6 72.8

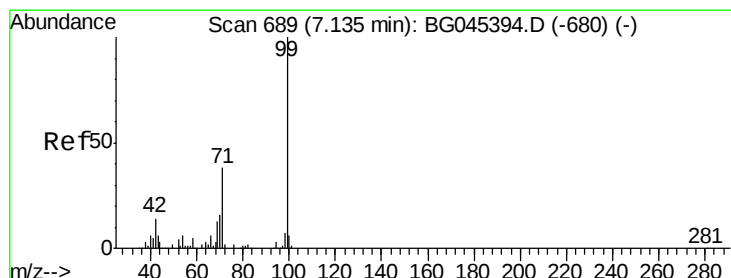
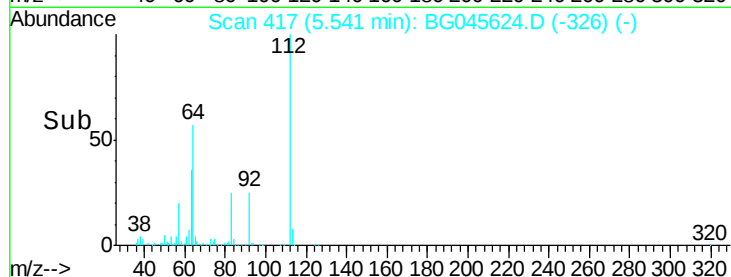
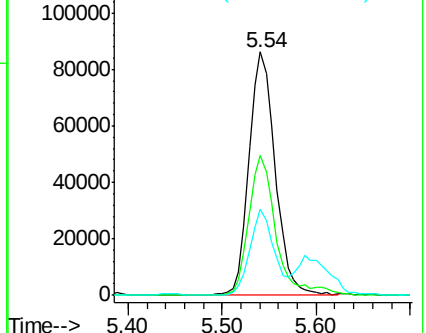
63 35.5 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 30.867 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045624.D

Acq: 5 Jun 2020 20:12

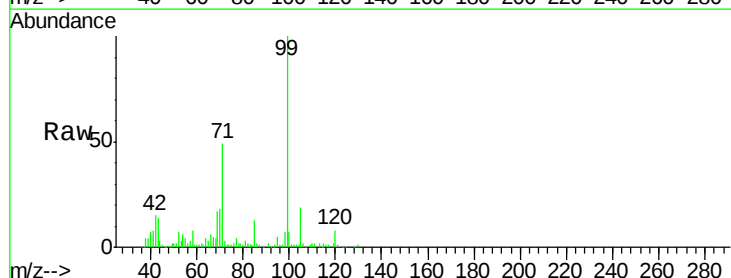
Tgt Ion: 99 Resp: 141174

Ion Ratio Lower Upper

99 100

42 15.0 11.3 16.9

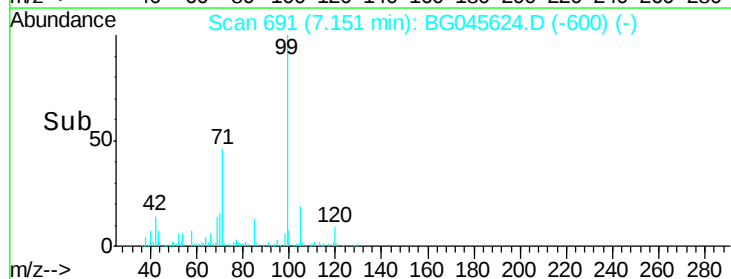
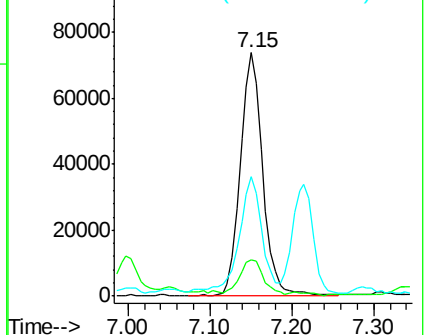
71 49.2 30.8 46.2#

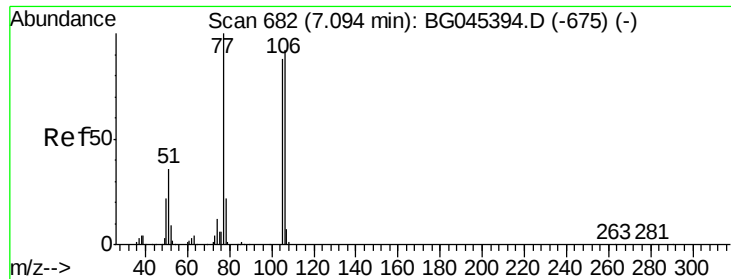


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#9

Benzaldehyde

Concen: 13.823 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.02 min

Lab File: BG045624.D

Acq: 5 Jun 2020 20:12

Instrument :

BNA_G

ClientSampleId :

SP-UST

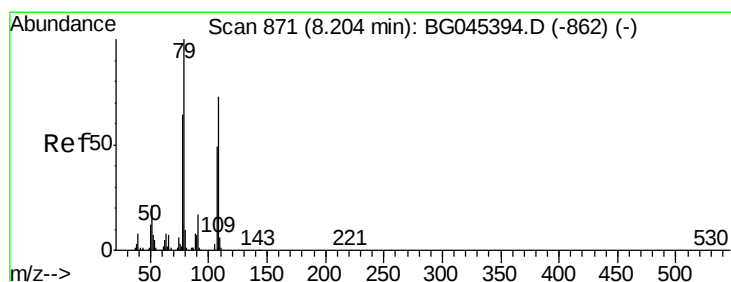
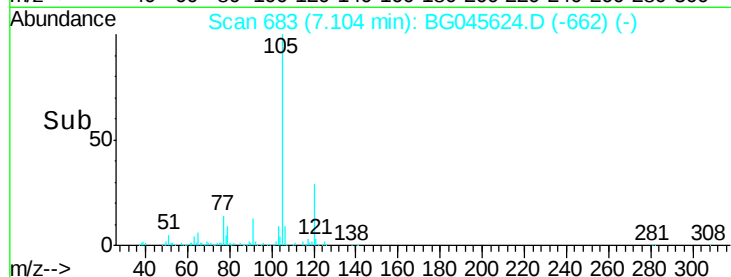
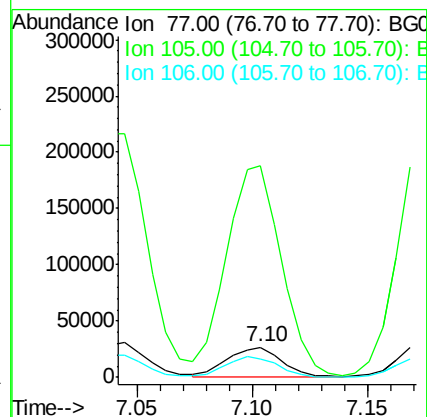
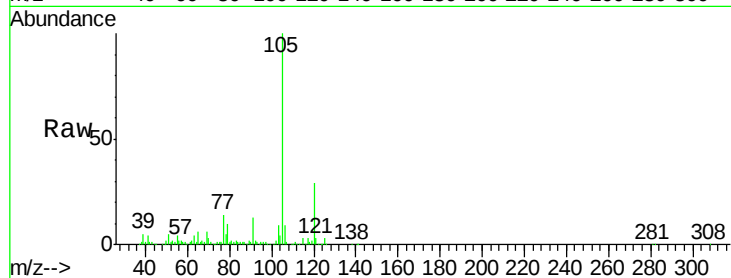
Tot Ion: 77 Resp: 41192

Ion Ratio Lower Upper

77 100

105 709.8 68.5 108.5#

106 62.7 71.6 111.6#



#15

Benzyl Alcohol

Concen: 2.226 ng

RT: 8.23 min Scan# 874

Delta R.T. 0.03 min

Lab File: BG045624.D

Acq: 5 Jun 2020 20:12

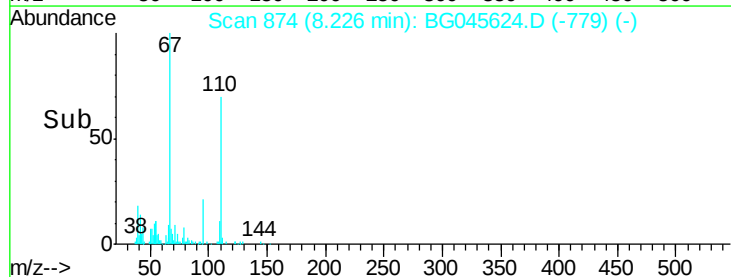
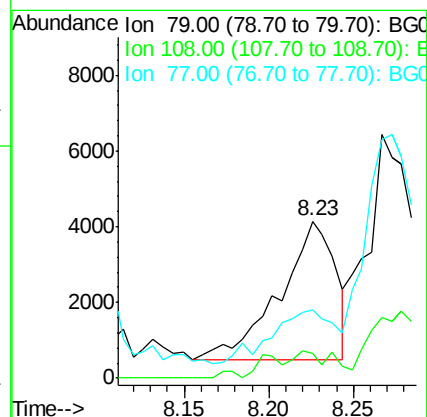
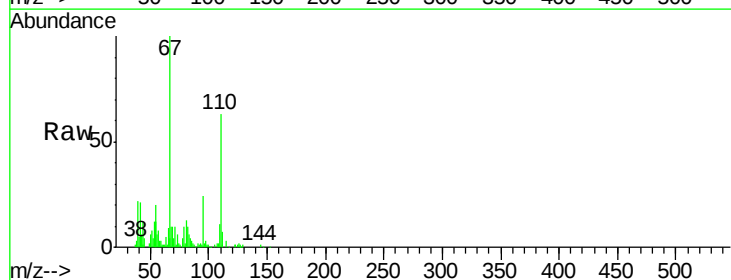
Tgt Ion: 79 Resp: 8409

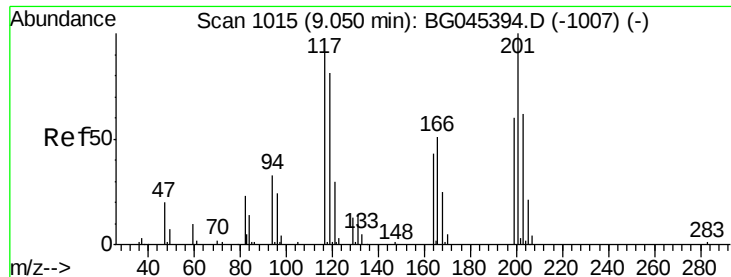
Ion Ratio Lower Upper

79 100

108 15.9 58.2 87.4#

77 43.3 51.0 76.4#

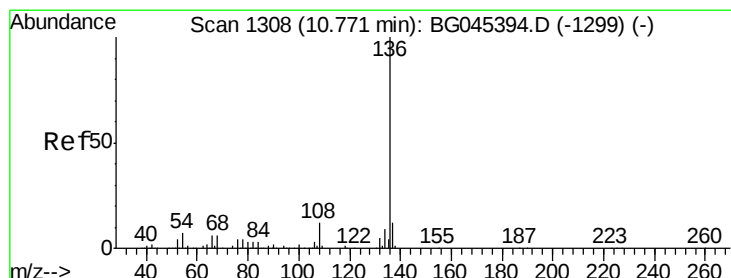
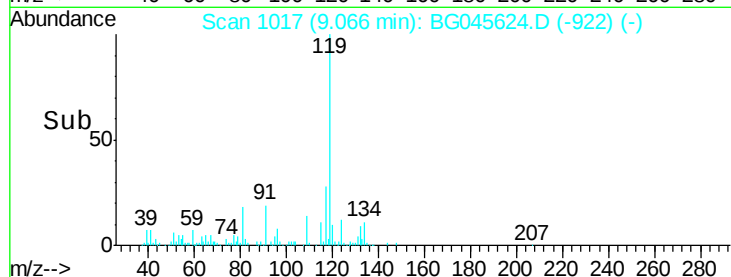
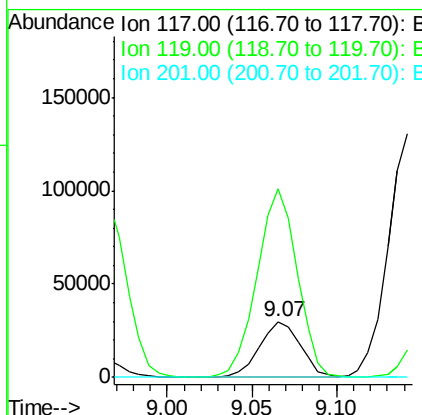
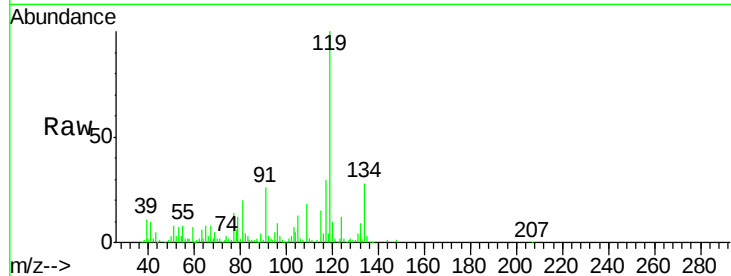




#18
Hexachloroethane
Concen: 31.473 ng
RT: 9.07 min Scan# 1017
Delta R.T. 0.03 min
Lab File: BG045624.D
Acq: 5 Jun 2020 20:12

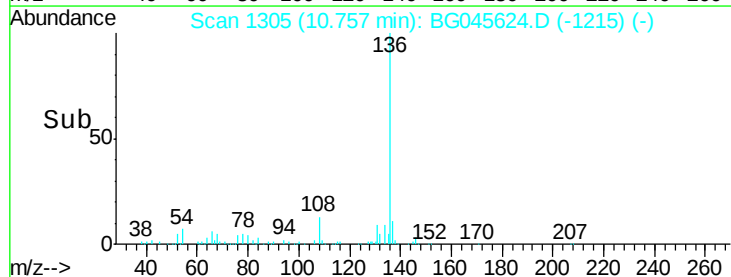
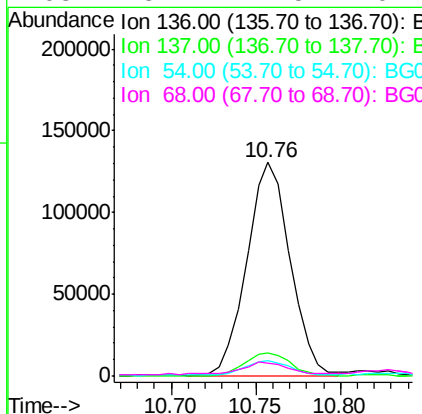
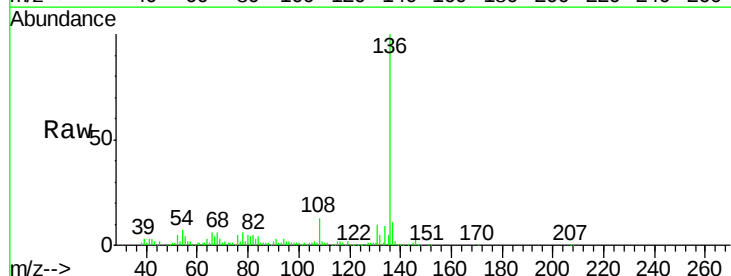
Instrument :
BNA_G
ClientSampleId :
SP-UST

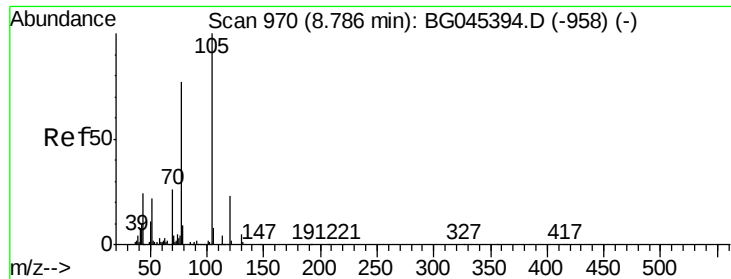
Tot Ion:117 Resp: 50376
Ion Ratio Lower Upper
117 100
119 338.7 71.3 106.9#
201 0.0 87.5 131.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG045624.D
Acq: 5 Jun 2020 20:12

Tgt Ion:136 Resp: 231501
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.2
54 7.4 5.8 8.6
68 5.7 4.5 6.7

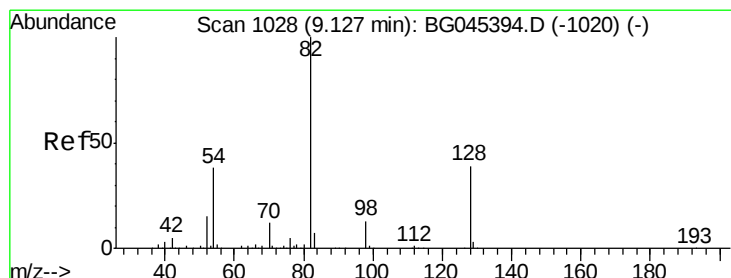
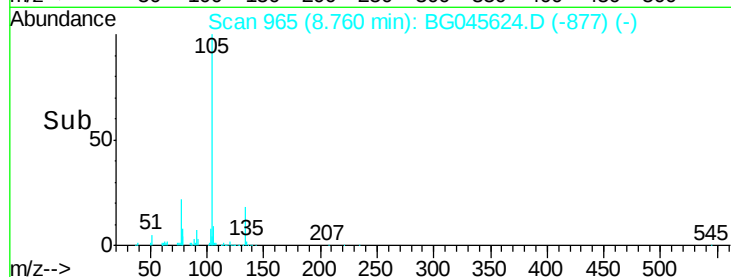
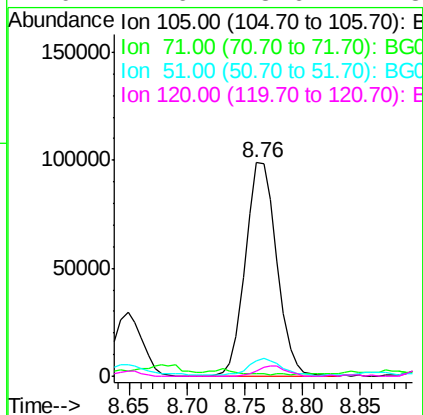
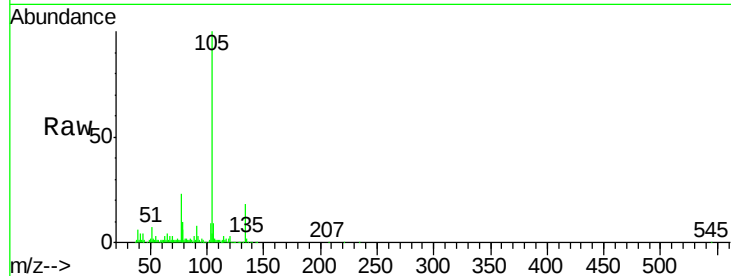




#22
Acetophenone
Concen: 33.963 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BG045624.D
Acq: 5 Jun 2020 20:12

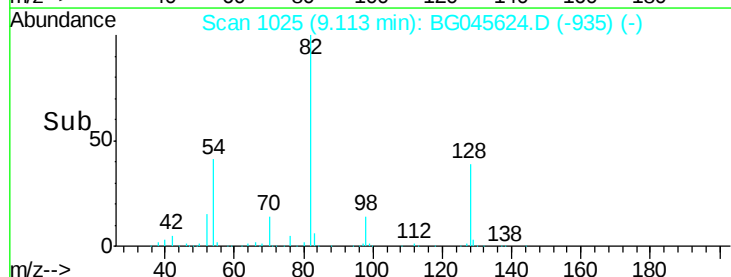
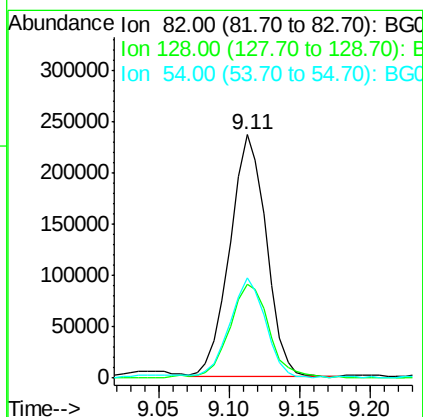
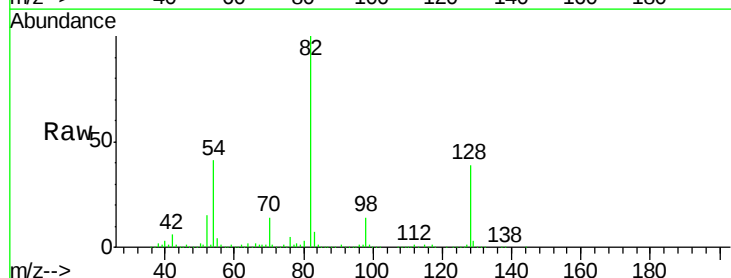
Instrument :
BNA_G
ClientSampleId :
SP-UST

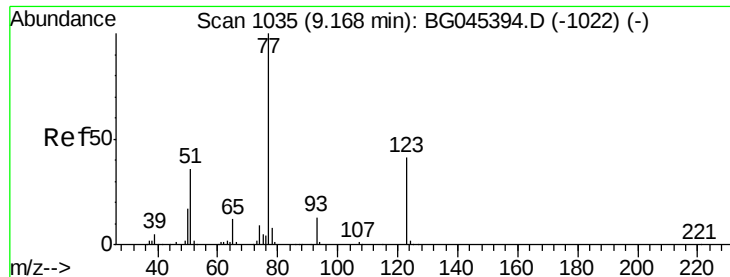
Tot Ion:	105	Resp:	186347
Ion	Ratio	Lower	Upper
105	100		
71	1.3	3.4	5.0#
51	6.9	18.2	27.2#
120	2.6	18.6	27.8#



#23
Nitrobenzene-d5
Concen: 100.042 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045624.D
Acq: 5 Jun 2020 20:12

Tgt Ion:	82	Resp:	424703
Ion	Ratio	Lower	Upper
82	100		
128	38.7	30.9	46.3
54	41.3	30.3	45.5

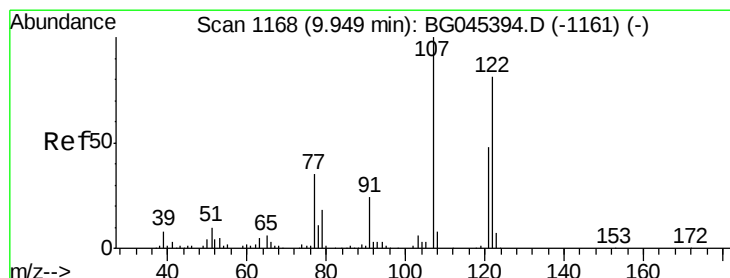
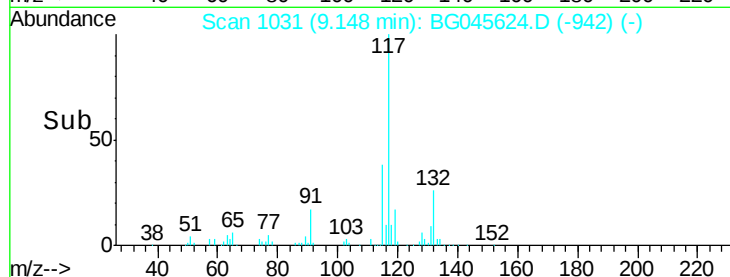
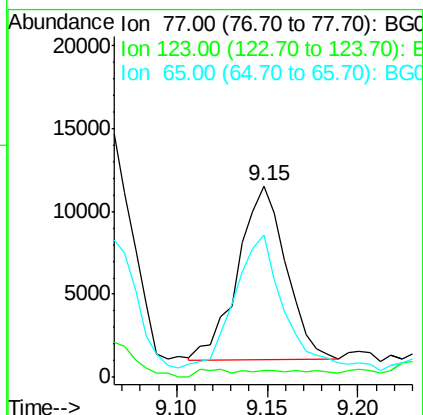
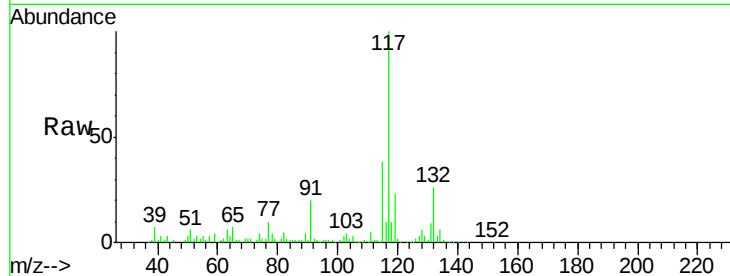




#24
Nitrobenzene
Concen: 4.261 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG045624.D
Acq: 5 Jun 2020 20:12

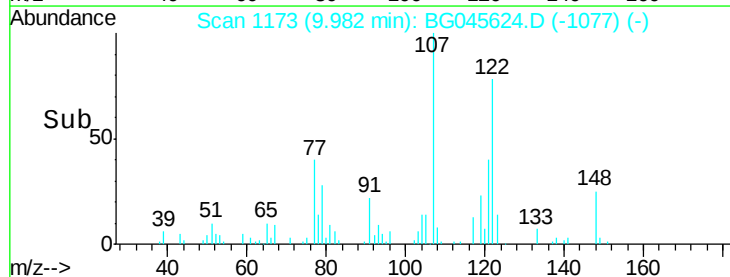
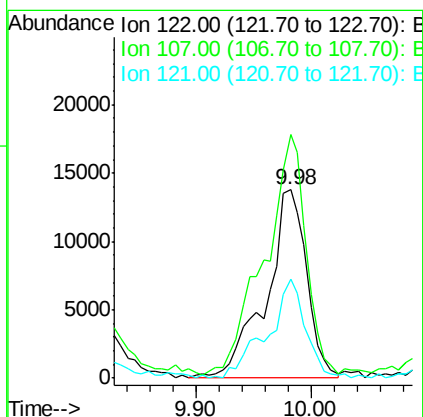
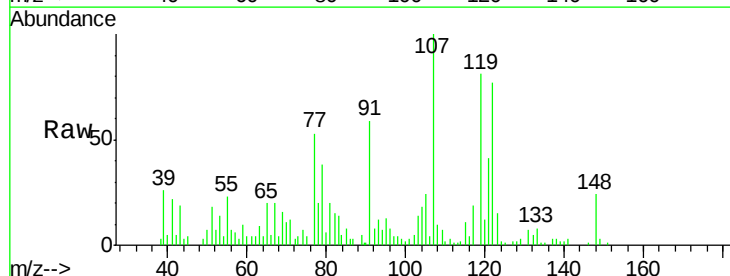
Instrument :
BNA_G
ClientSampleId :
SP-UST

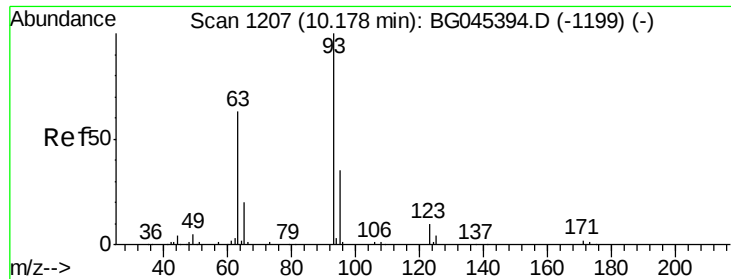
Tot Ion	Ratio	Lower	Upper
77	100		
123	3.9	32.9	49.3#
65	74.7	9.4	14.2#



#27
2,4-Dimethylphenol
Concen: 11.719 ng
RT: 9.98 min Scan# 1173
Delta R.T. 0.03 min
Lab File: BG045624.D
Acq: 5 Jun 2020 20:12

Tgt Ion	Ratio	Lower	Upper
122	100		
107	129.4	99.0	148.4
121	52.9	47.7	71.5

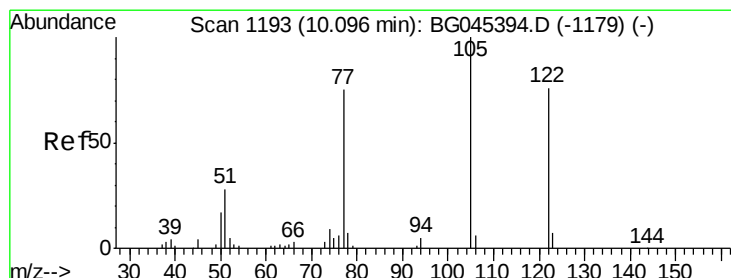
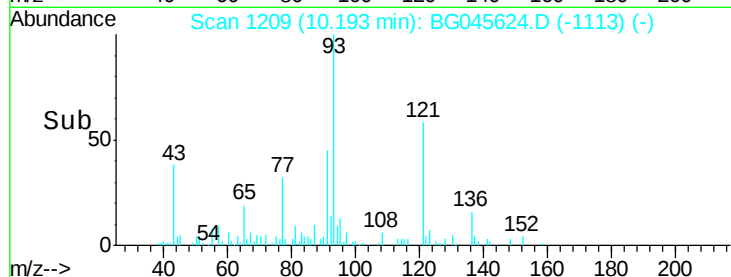
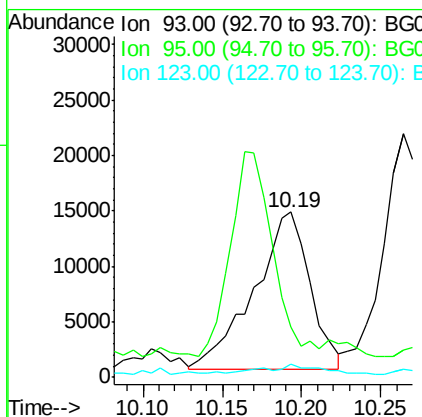
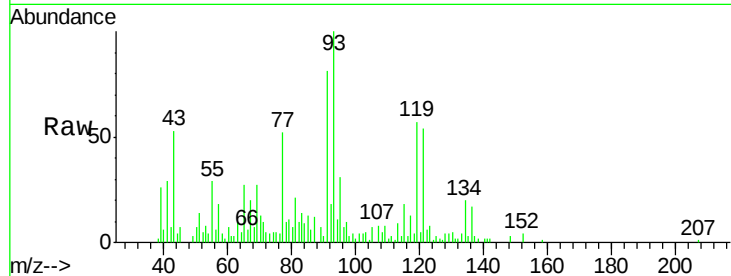




#28
bis(2-Chloroethoxy)methane
Concen: 7.949 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.03 min
Lab File: BG045624.D
Acq: 5 Jun 2020 20:12

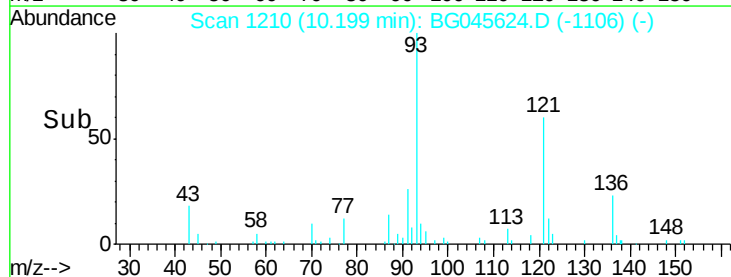
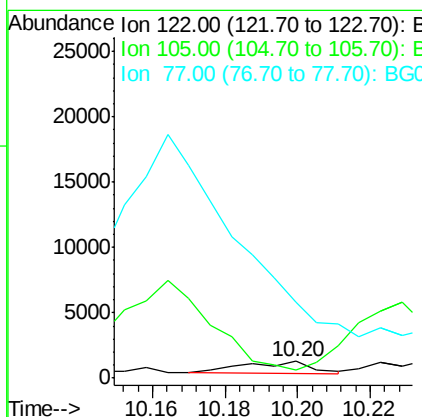
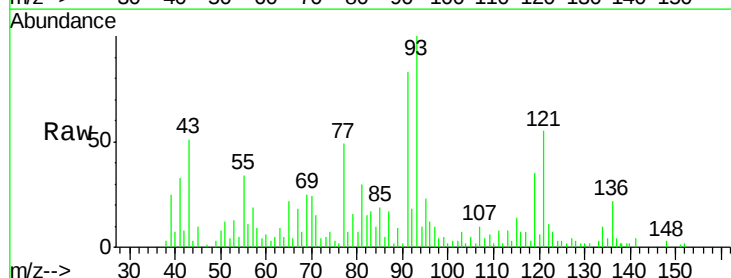
Instrument :
BNA_G
ClientSampleId :
SP-UST

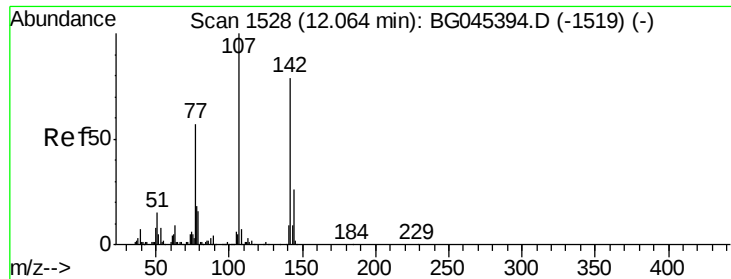
Tot Ion: 93 Resp: 34855
Ion Ratio Lower Upper
93 100
95 30.6 27.6 41.4
123 7.9 8.1 12.1#



#32
Benzoic acid
Concen: 10.465 ng
RT: 10.20 min Scan# 1210
Delta R.T. 0.08 min
Lab File: BG045624.D
Acq: 5 Jun 2020 20:12

Tgt Ion: 122 Resp: 1098
Ion Ratio Lower Upper
122 100
105 46.7 107.9 147.9#
77 460.1 78.9 118.9#

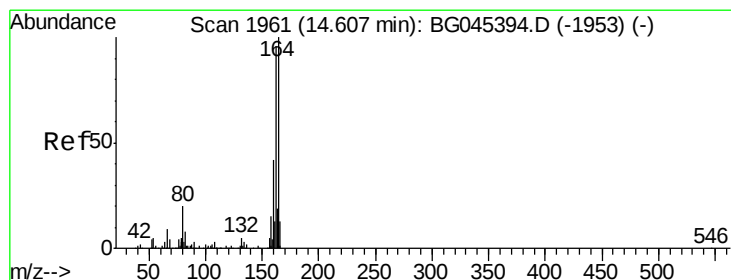
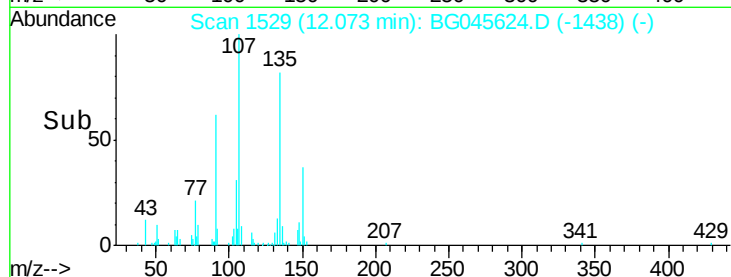
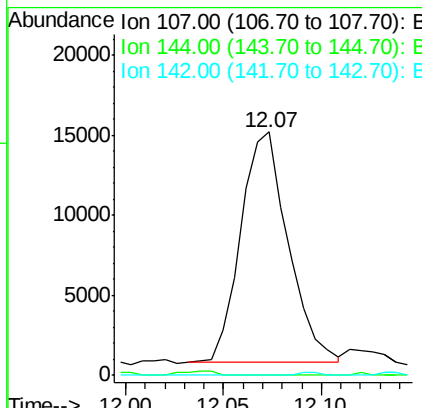
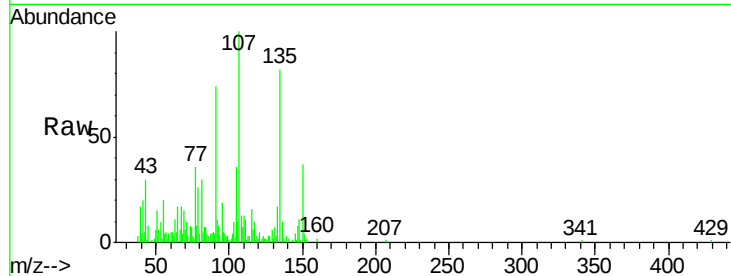




#36
 4-Chloro-3-methylphenol
 Concen: 6.297 ng
 RT: 12.07 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BG045624.D
 Acq: 5 Jun 2020 20:12

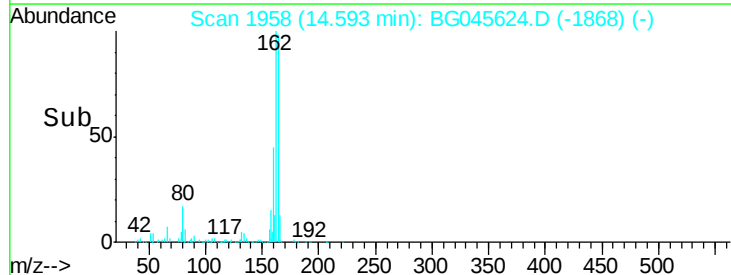
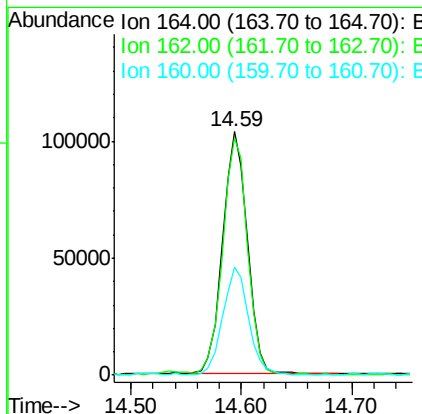
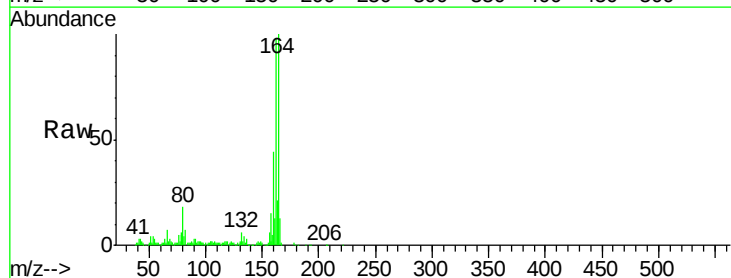
Instrument :
 BNA_G
 ClientSampleId :
 SP-UST

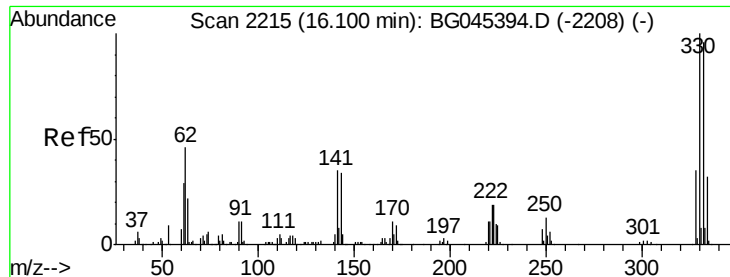
Tot Ion:107 Resp: 24179
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.8 31.2#
 142 0.0 62.8 94.2#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BG045624.D
 Acq: 5 Jun 2020 20:12

Tgt Ion:164 Resp: 162338
 Ion Ratio Lower Upper
 164 100
 162 97.6 76.9 115.3
 160 44.5 33.8 50.8

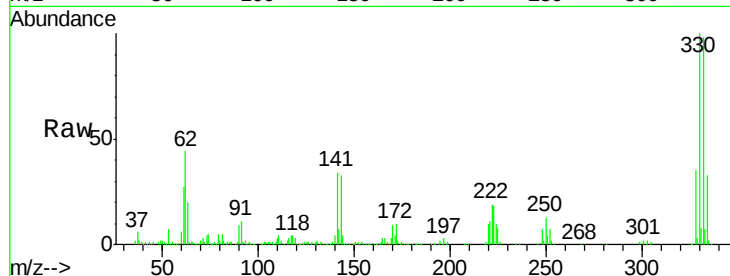




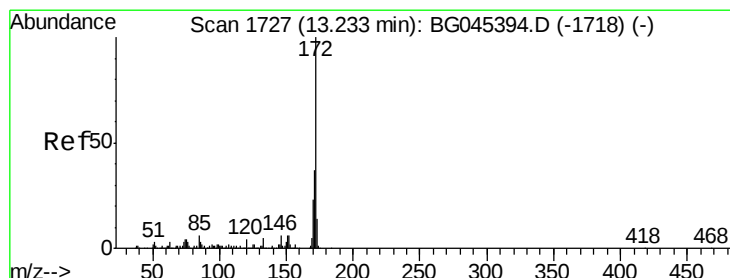
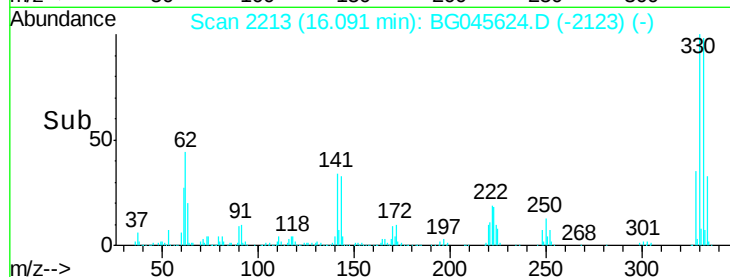
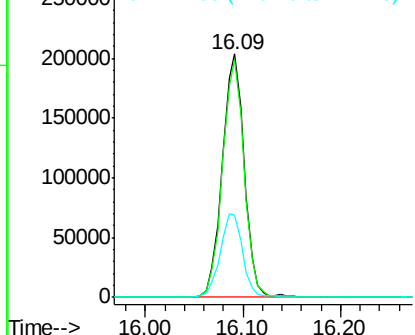
#42
 2,4,6-Tribromophenol
 Concen: 153.122 ng
 RT: 16.09 min Scan# 2213
 Delta R.T. -0.00 min
 Lab File: BG045624.D
 Acq: 5 Jun 2020 20:12

Instrument :
 BNA_G
 ClientSampleId :
 SP-UST

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.2	117.4
141	35.2	28.2	42.4

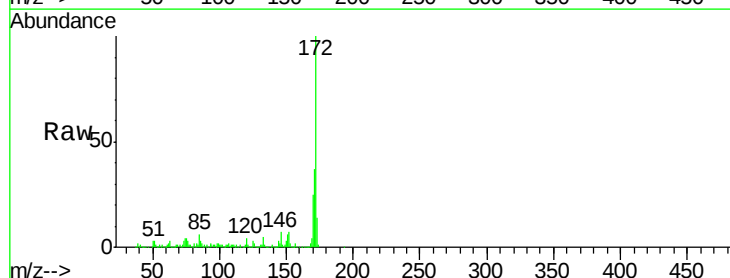


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

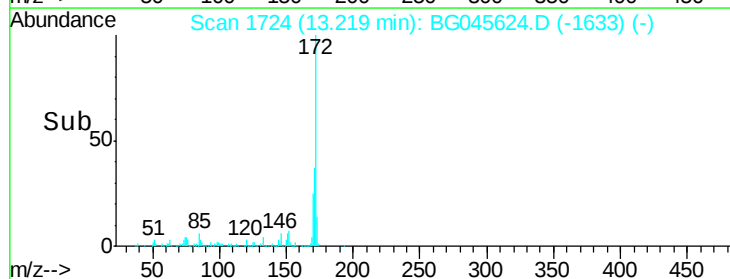
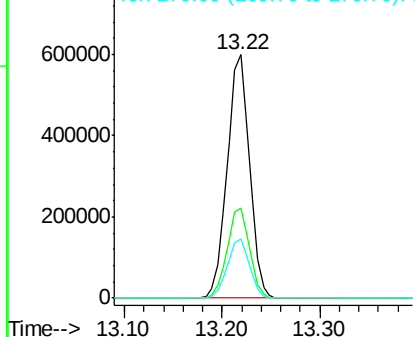


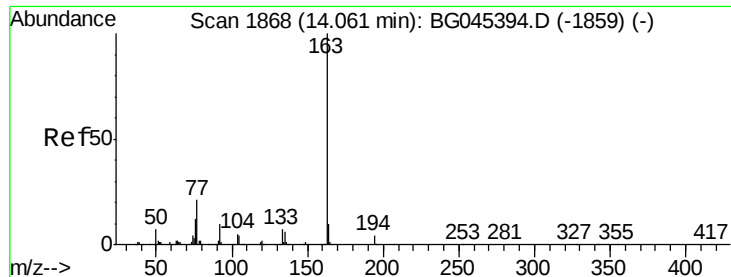
#45
 2-Fluorobiphenyl
 Concen: 99.278 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG045624.D
 Acq: 5 Jun 2020 20:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.5	44.3
170	24.5	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: 24.235 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045624.D

Acq: 5 Jun 2020 20:12

Instrument :

BNA_G

ClientSampleId :

SP-UST

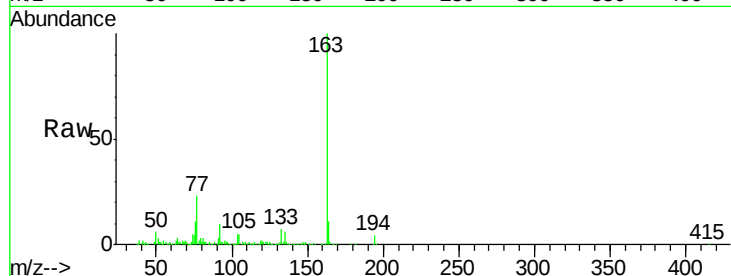
Tot Ion:163 Resp: 269883

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

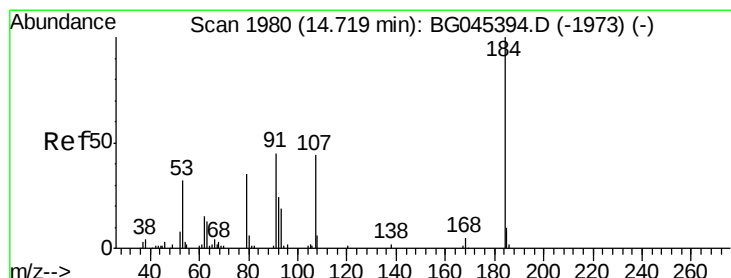
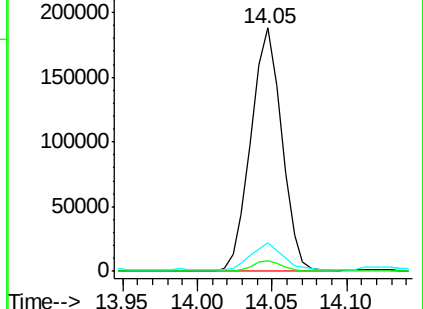
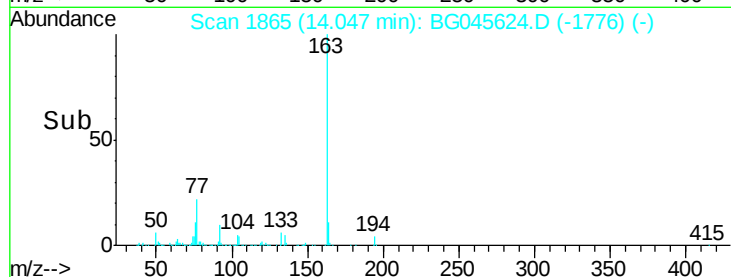
164 11.5 8.3 12.5



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: 5.492 ng

RT: 14.79 min Scan# 1991

Delta R.T. 0.07 min

Lab File: BG045624.D

Acq: 5 Jun 2020 20:12

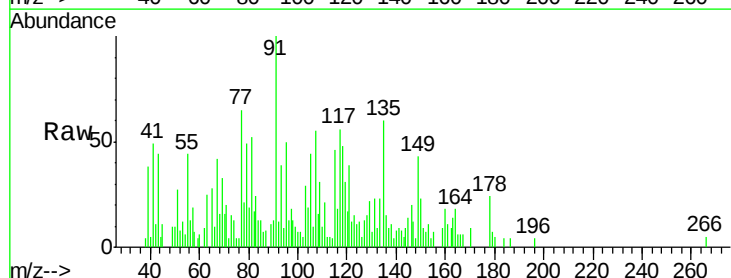
Tgt Ion:184 Resp: 58

Ion Ratio Lower Upper

184 100

63 574.5 47.8 71.6#

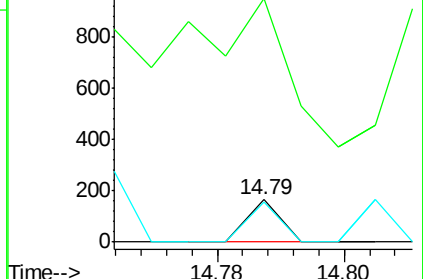
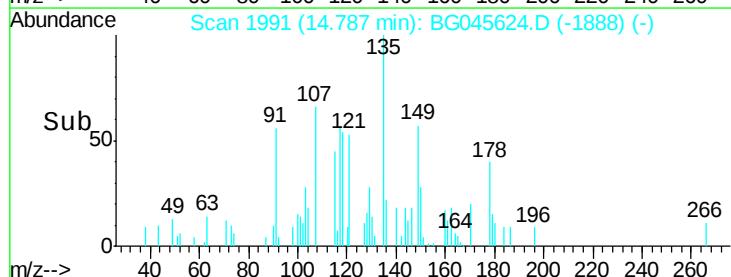
154 95.2 58.3 87.5#

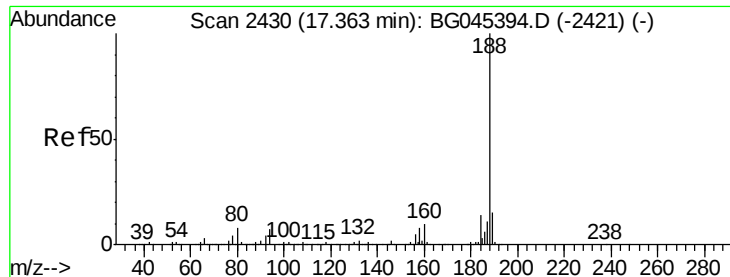


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BG045624.D

Acq: 5 Jun 2020 20:12

Instrument :

BNA_G

ClientSampleId :

SP-UST

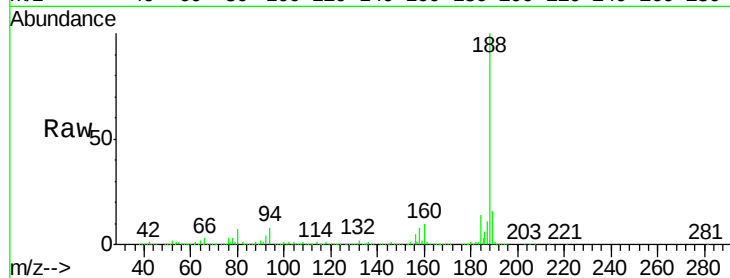
Tot Ion:188 Resp: 364214

Ion Ratio Lower Upper

188 100

94 7.5 5.5 8.3

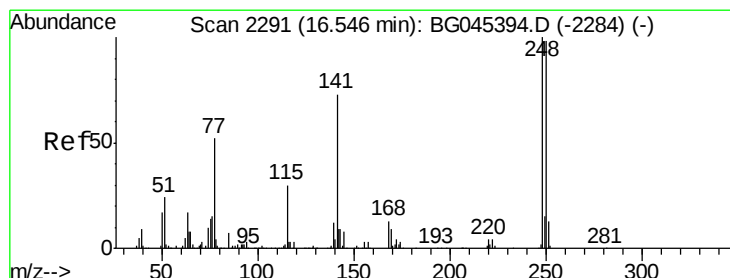
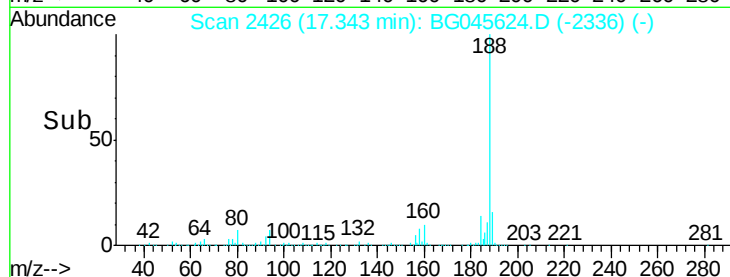
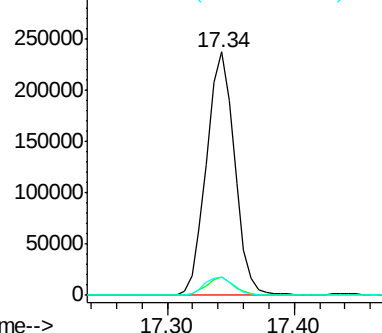
80 7.4 6.6 10.0



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: 5.344 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.44 min

Lab File: BG045624.D

Acq: 5 Jun 2020 20:12

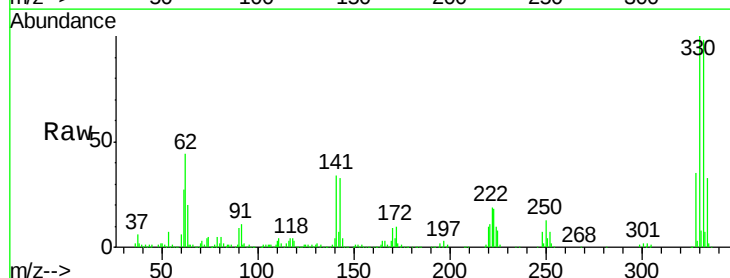
Tgt Ion:248 Resp: 21077

Ion Ratio Lower Upper

248 100

250 196.4 78.6 117.8#

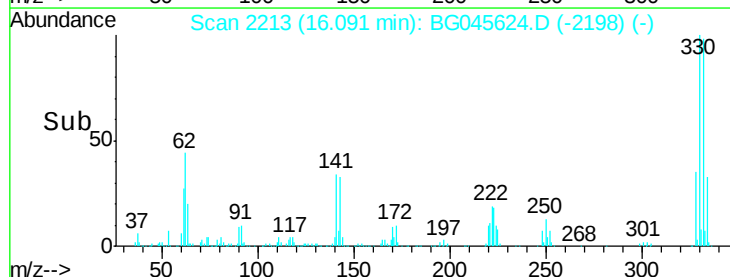
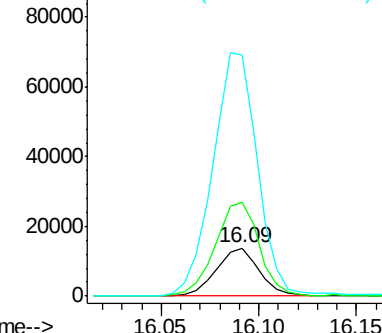
141 502.6 58.2 87.2#

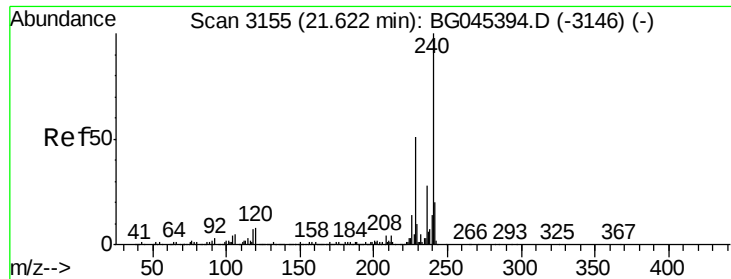


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG045624.D

Acq: 5 Jun 2020 20:12

Instrument :

BNA_G

ClientSampleId :

SP-UST

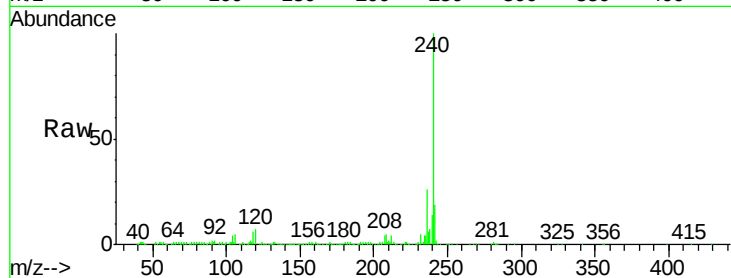
Tot Ion:240 Resp: 358093

Ion Ratio Lower Upper

240 100

120 7.4 6.1 9.1

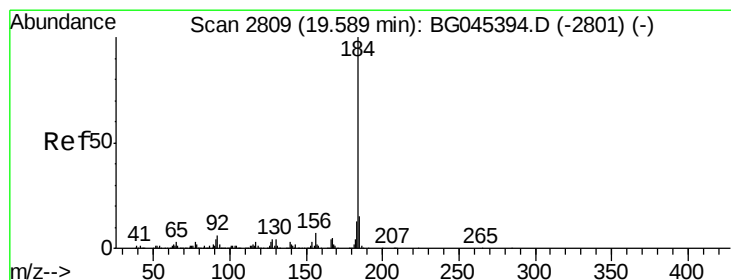
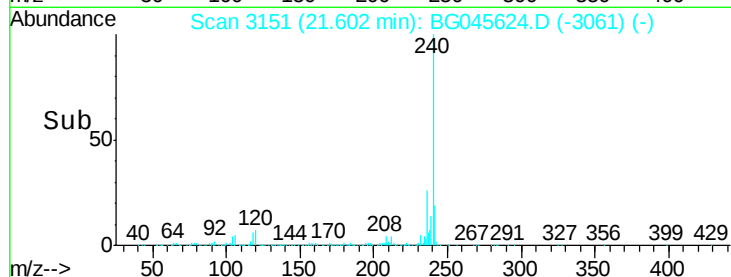
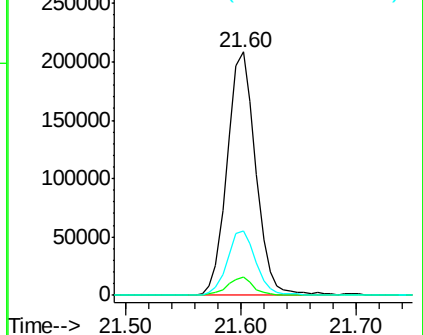
236 26.3 22.3 33.5



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



#77

Benzidine

Concen: 3.211 ng

RT: 19.96 min Scan# 2871

Delta R.T. 0.38 min

Lab File: BG045624.D

Acq: 5 Jun 2020 20:12

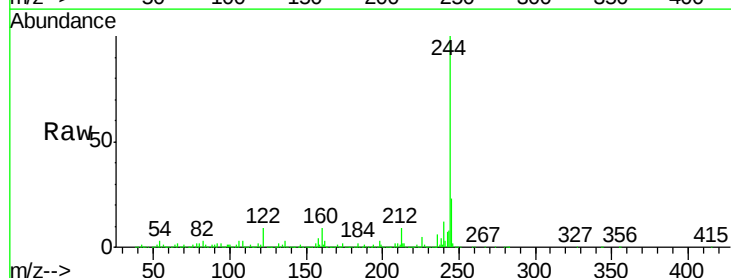
Tgt Ion:184 Resp: 32295

Ion Ratio Lower Upper

184 100

185 15.3 11.7 17.5

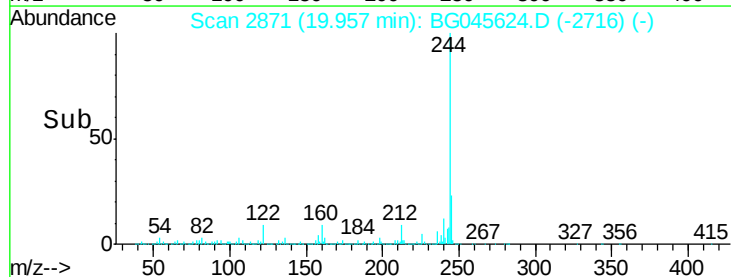
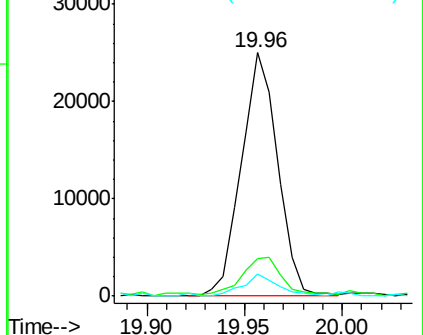
183 9.2 10.2 15.4#

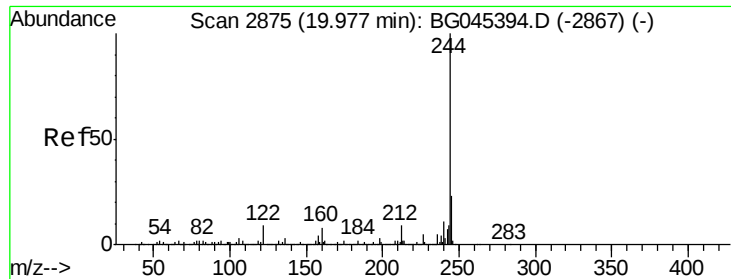


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

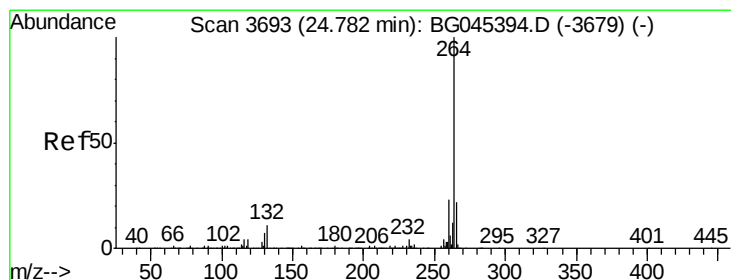
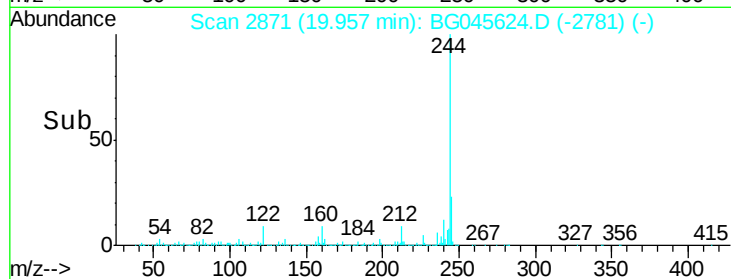
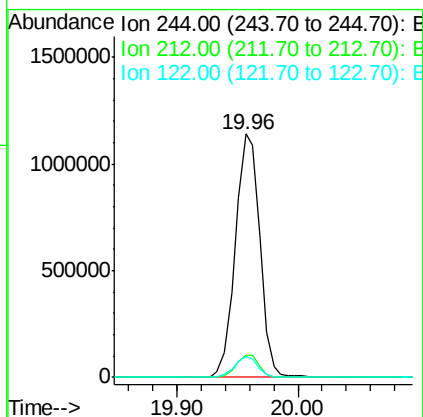
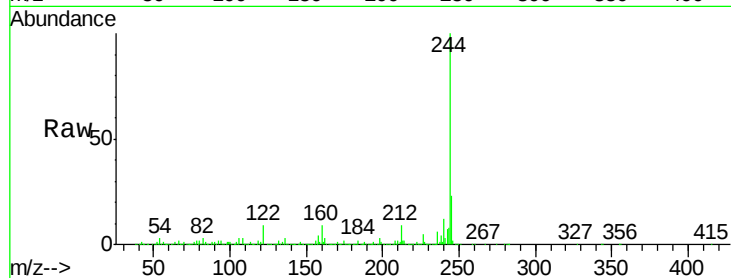




#79
 Terphenyl-d14
 Concen: 104.994 ng
 RT: 19.96 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: BG045624.D
 Acq: 5 Jun 2020 20:12

Instrument :
 BNA_G
 ClientSampleId :
 SP-UST

Tot Ion:244 Resp: 1612040
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.4 11.0
 122 8.8 6.8 10.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.74 min Scan# 3686
 Delta R.T. -0.01 min
 Lab File: BG045624.D
 Acq: 5 Jun 2020 20:12

Tgt Ion:264 Resp: 390512
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.2 27.4
 265 22.8 17.6 26.4

