

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060920\
 Data File : BG045658.D
 Acq On : 9 Jun 2020 11:02
 Operator : CG/JU
 Sample : PB129381BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129381BS

Quant Time: Jun 09 11:50:59 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	62820	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	264032	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	194305	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	445262	20.00	ng	0.00
76) Chrysene-d12	21.61	240	413469	20.00	ng	0.00
87) Perylene-d12	24.74	264	449603	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	477768	148.63	ng	0.00
7) Phenol-d6	7.14	99	676778	147.93	ng	0.00
23) Nitrobenzene-d5	9.11	82	428486	88.50	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	322098	129.62	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	994936	86.85	ng	0.00
79) Terphenyl-d14	19.96	244	1649884	93.07	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.40	88	57110	35.828	ng	94
3) Pyridine	3.80	79	136915	30.841	ng	94
4) n-Nitrosodimethylamine	3.71	42	65003	44.746	ng	89
6) Aniline	7.27	93	206955	34.652	ng	95
8) 2-Chlorophenol	7.52	128	170223	48.290	ng	97
9) Benzaldehyde	7.08	77	102573	34.411	ng	97
10) Phenol	7.17	94	229559	48.684	ng	97
11) bis(2-Chloroethyl)ether	7.37	93	158974	43.224	ng	98
12) 1,3-Dichlorobenzene	7.84	146	174079	41.094	ng	97
13) 1,4-Dichlorobenzene	7.98	146	177861	42.546	ng	94
14) 1,2-Dichlorobenzene	8.30	146	169016	42.036	ng	97
15) Benzyl Alcohol	8.20	79	180304	47.706	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	146625	41.998	ng	98
17) 2-Methylphenol	8.41	107	153779	43.571	ng	95
18) Hexachloroethane	9.03	117	68457	42.756	ng	92
19) n-Nitroso-di-n-propylamine	8.76	70	141410	44.697	ng	94
20) 3+4-Methylphenols	8.74	107	213662	44.457	ng	95
22) Acetophenone	8.77	105	258827	41.360	ng	98
24) Nitrobenzene	9.15	77	220366	42.480	ng	94
25) Isophorone	9.68	82	396647	41.597	ng	100
26) 2-Nitrophenol	9.86	139	97126	43.768	ng	98
27) 2,4-Dimethylphenol	9.94	122	163248	49.599	ng	96
28) bis(2-Chloroethoxy)methane	10.16	93	219045	43.803	ng	98
29) 2,4-Dichlorophenol	10.42	162	178759	45.993	ng	97
30) 1,2,4-Trichlorobenzene	10.62	180	194936	42.445	ng	100
31) Naphthalene	10.80	128	526258	42.772	ng	99
32) Benzoic acid	10.12	122	81210	38.726	ng	92
33) 4-Chloroaniline	10.92	127	102834	19.995	ng	98
34) Hexachlorobutadiene	11.10	225	133307	41.063	ng	99
35) Caprolactam	11.70	113	32302	22.643	ng	96
36) 4-Chloro-3-methylphenol	12.07	107	207963	47.484	ng	99
37) 2-Methylnaphthalene	12.41	142	404382	44.096	ng	98
38) 1-Methylnaphthalene	12.64	142	384901	44.432	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	231644	42.682	ng	99

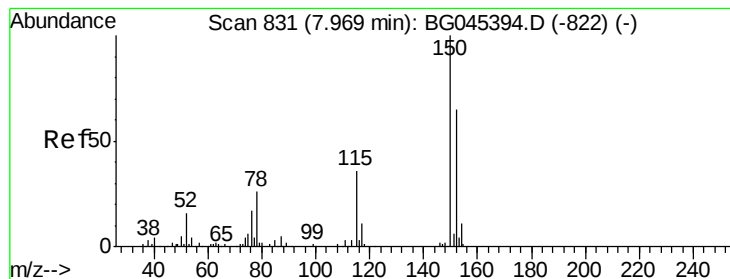
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060920\
 Data File : BG045658.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	297254	94.893	ng	97
43) 2,4,6-Trichlorophenol	13.04	196	160198	42.492	ng	97
44) 2,4,5-Trichlorophenol	13.12	196	167272	38.826	ng	97
46) 1,1'-Biphenyl	13.42	154	531509	44.518	ng	99
47) 2-Chloronaphthalene	13.46	162	402693	41.536	ng	99
48) 2-Nitroaniline	13.67	65	132219	41.459	ng	96
49) Acenaphthylene	14.32	152	673553	43.252	ng	99
50) Dimethylphthalate	14.05	163	558913	41.932	ng	99
51) 2,6-Dinitrotoluene	14.17	165	125694	41.790	ng	97
52) Acenaphthene	14.66	154	395395	37.931	ng	98
53) 3-Nitroaniline	14.50	138	75397	24.660	ng	99
54) 2,4-Dinitrophenol	14.72	184	143313	73.233	ng	98
55) Dibenzofuran	14.99	168	650989	42.054	ng	97
56) 4-Nitrophenol	14.85	139	168787	72.916	ng	85
57) 2,4-Dinitrotoluene	14.96	165	176302	40.473	ng	97
58) Fluorene	15.64	166	546600	42.980	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.23	232	157953	41.673	ng	99
60) Diethylphthalate	15.41	149	568004	40.942	ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	306076	42.058	ng	98
62) 4-Nitroaniline	15.67	138	123462	38.680	ng	94
63) Azobenzene	15.93	77	564306	43.622	ng	99
65) 4,6-Dinitro-2-methylphenol	15.73	198	110912	42.770	ng	93
66) n-Nitrosodiphenylamine	15.85	169	485777	45.439	ng	95
67) 4-Bromophenyl-phenylether	16.53	248	207770	43.093	ng	99
68) Hexachlorobenzene	16.65	284	227052	45.025	ng	95
69) Atrazine	16.80	200	183920	41.768	ng	98
70) Pentachlorophenol	17.01	266	215928	82.464	ng	98
71) Phenanthrene	17.38	178	862119	44.352	ng	99
72) Anthracene	17.48	178	896176	45.910	ng	98
73) Carbazole	17.75	167	806196	42.370	ng	100
74) Di-n-butylphthalate	18.31	149	964475	42.231	ng	99
75) Fluoranthene	19.40	202	1066235	43.125	ng	100
77) Benzidine	19.57	184	414092	35.659	ng	99
78) Pyrene	19.76	202	1061356	45.031	ng	99
80) Butylbenzylphthalate	20.64	149	421600	41.442	ng	97
81) Benzo(a)anthracene	21.58	228	1003197	43.555	ng	98
82) 3,3'-Dichlorobenzidine	21.50	252	251626	27.850	ng	97
83) Chrysene	21.65	228	941656	42.518	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	599583	42.875	ng	100
85) Di-n-octyl phthalate	22.68	149	999271	41.604	ng	100
86) Indeno(1,2,3-cd)pyrene	28.32	276	1235519	42.661	ng	# 96
88) Benzo(b)fluoranthene	23.76	252	1077995	44.706	ng	100
89) Benzo(k)fluoranthene	23.82	252	1027031	45.336	ng	98
90) Benzo(a)pyrene	24.60	252	973442	43.347	ng	96
91) Dibenzo(a,h)anthracene	28.37	278	1010762	44.790	ng	99
92) Benzo(g,h,i)perylene	29.44	276	1025620	45.442	ng	98

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

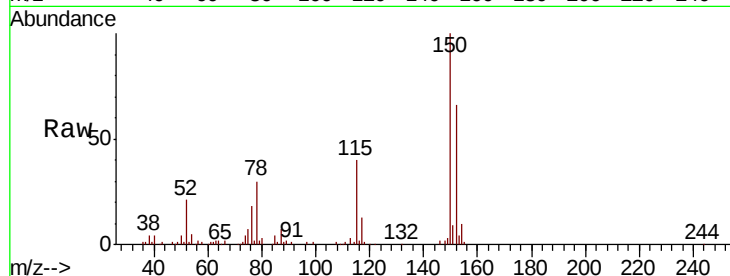


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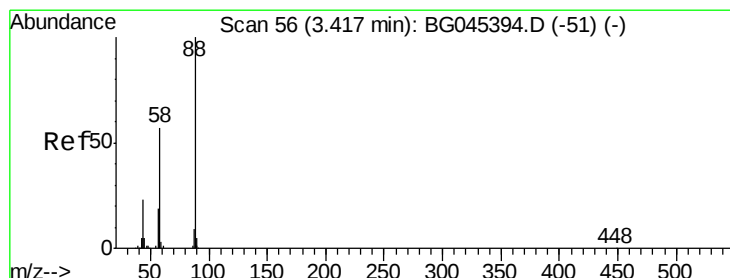
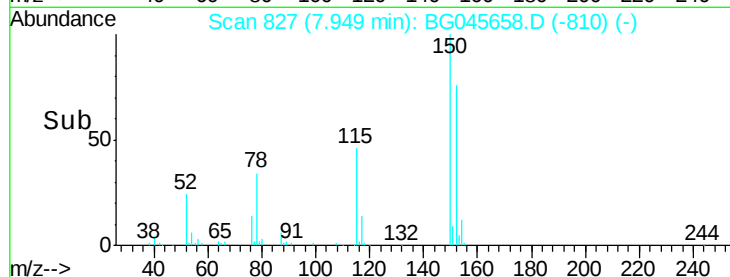
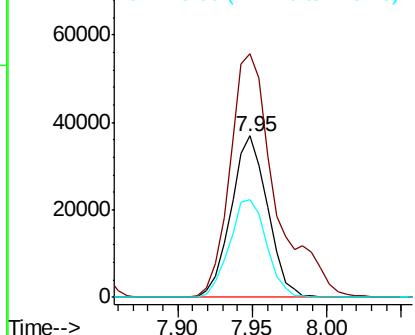
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Instrument :
BNA_G
ClientSampleId :
PB129381BS

Tot Ion:152 Resp: 62820
Ion Ratio Lower Upper
152 100
150 150.8 122.4 183.6
115 60.8 44.2 66.4



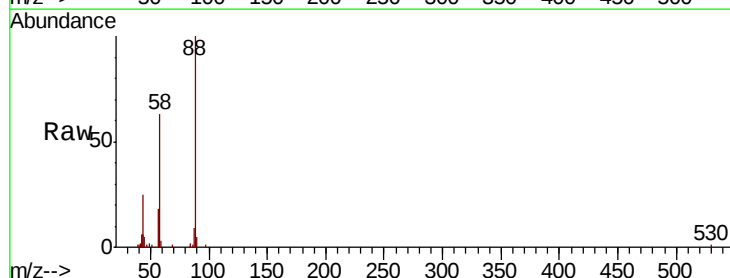
Abundance Ion 152.00 (151.70 to 152.70): B
Ion 150.00 (149.70 to 150.70): B
Ion 115.00 (114.70 to 115.70): B



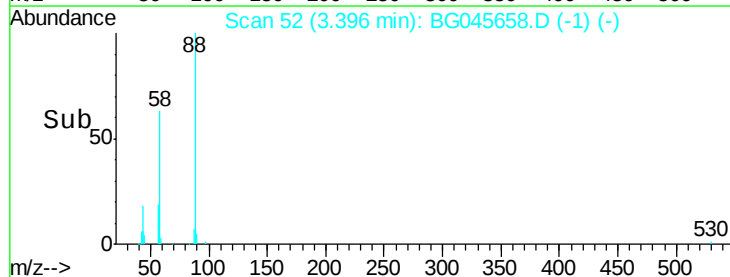
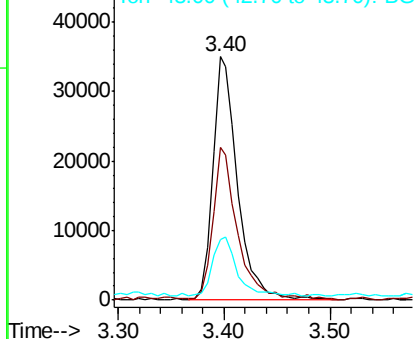
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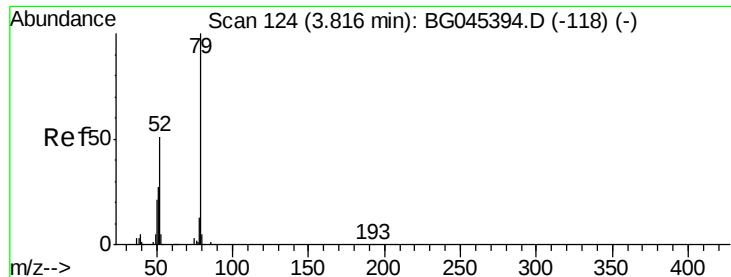
1,4-Dioxane
Concen: 35.828 ng
RT: 3.40 min Scan# 52
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion: 88 Resp: 57110
Ion Ratio Lower Upper
88 100
58 61.0 45.7 68.5
43 24.3 16.8 25.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.841 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Instrument :

BNA_G

ClientSampleId :

PB129381BS

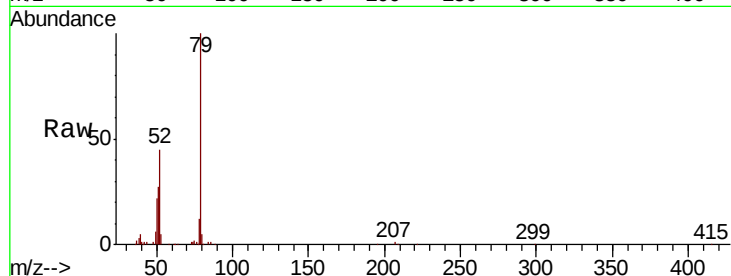
Tot Ion: 79 Resp: 136915

Ion Ratio Lower Upper

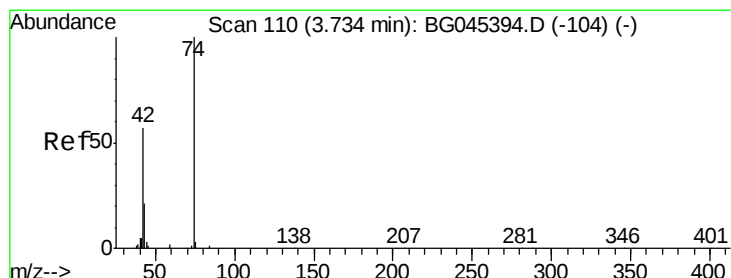
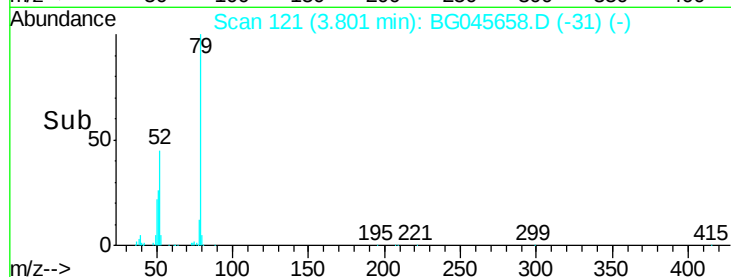
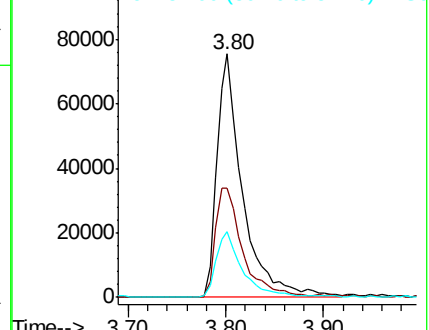
79 100

52 44.8 40.8 61.2

51 26.7 21.9 32.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 44.746 ng

RT: 3.71 min Scan# 106

Delta R.T. 0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

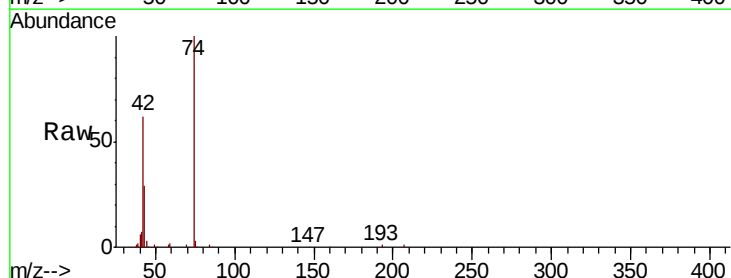
Tgt Ion: 42 Resp: 65003

Ion Ratio Lower Upper

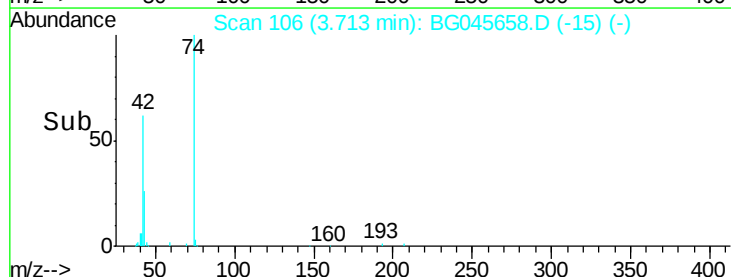
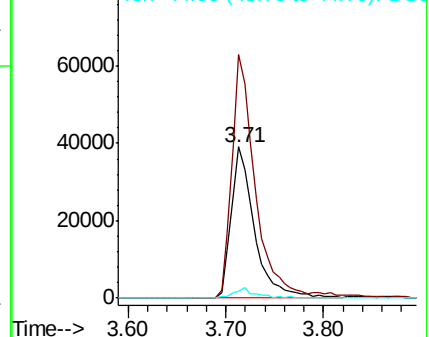
42 100

74 161.2 141.3 211.9

44 4.6 4.2 6.4



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 148.631 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Instrument :

BNA_G

ClientSampleId :

PB129381BS

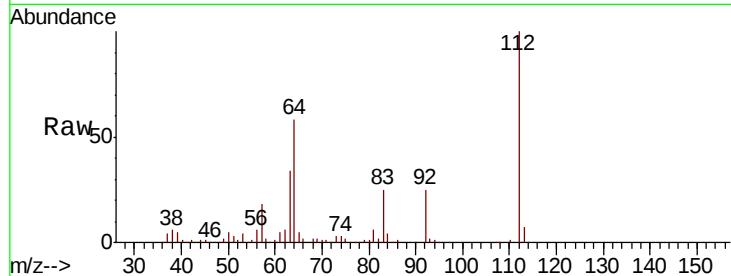
Tot Ion:112 Resp: 477768

Ion Ratio Lower Upper

112 100

64 57.7 48.6 72.8

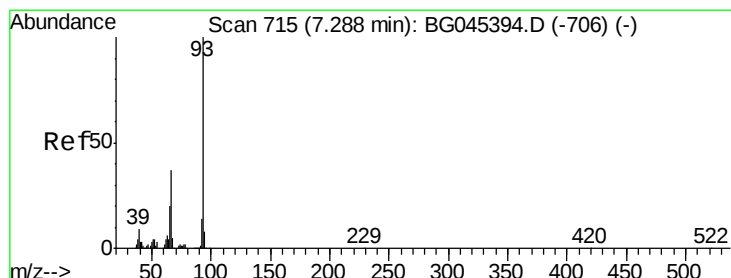
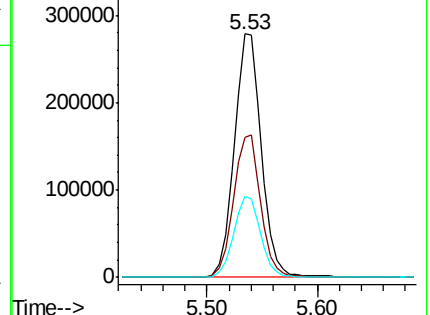
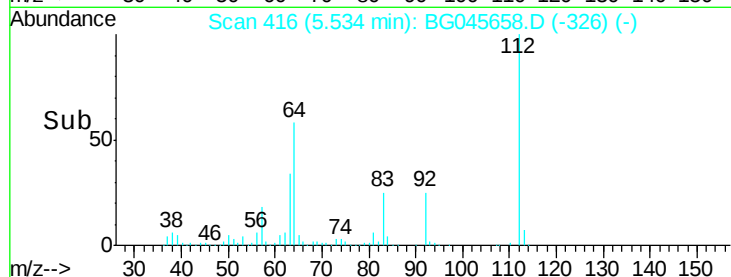
63 33.5 26.5 39.7



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



#6

Aniline

Concen: 34.652 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

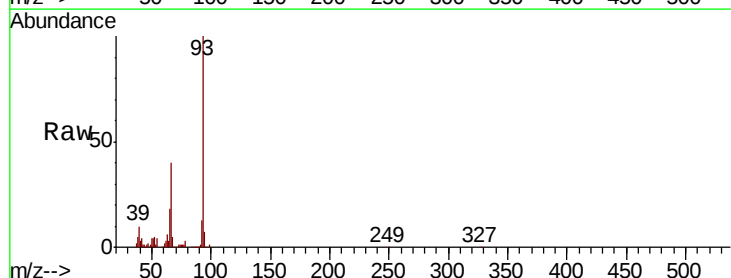
Tgt Ion: 93 Resp: 206955

Ion Ratio Lower Upper

93 100

66 40.3 29.6 44.4

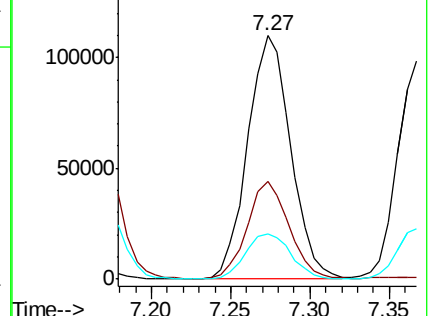
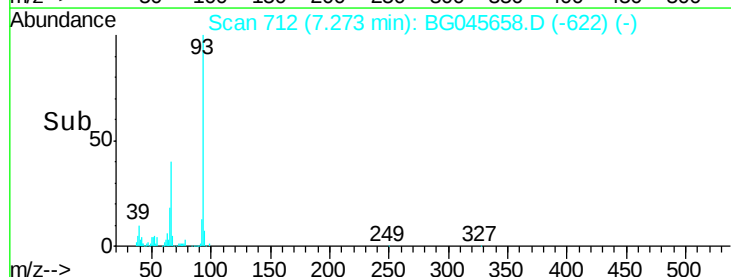
65 18.5 15.9 23.9

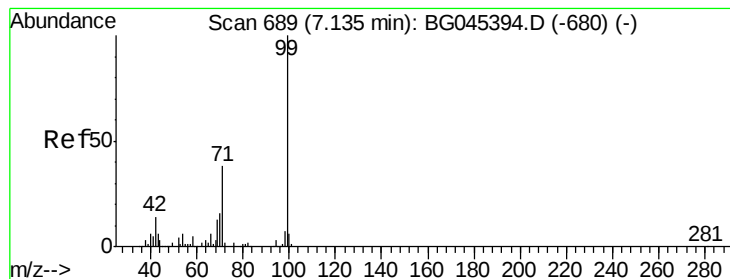


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 147.925 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

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ClientSampleId :

PB129381BS

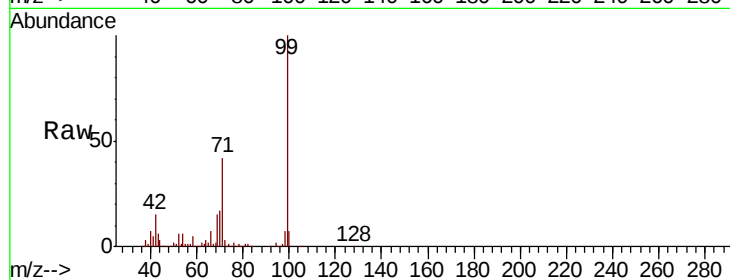
Tot Ion: 99 Resp: 676778

Ion Ratio Lower Upper

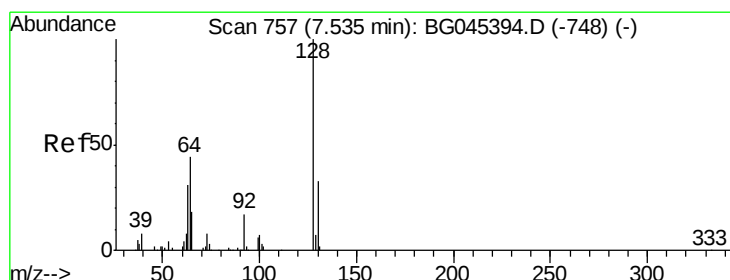
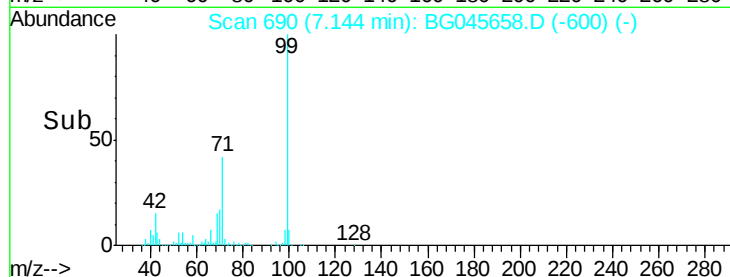
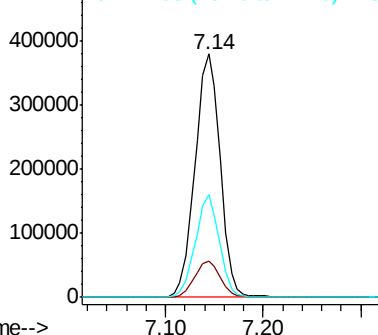
99 100

42 14.9 11.3 16.9

71 42.2 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



#8

2-Chlorophenol

Concen: 48.290 ng

RT: 7.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

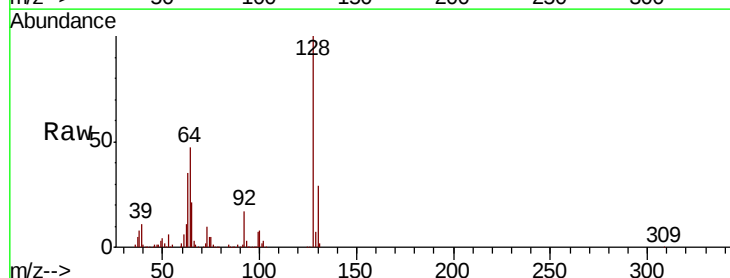
Tgt Ion: 128 Resp: 170223

Ion Ratio Lower Upper

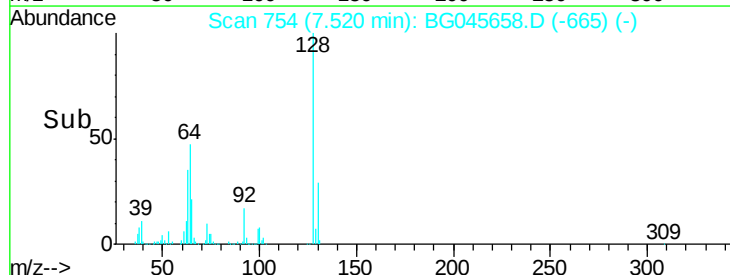
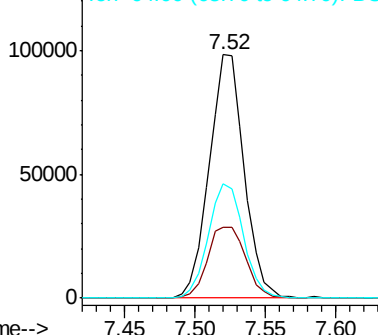
128 100

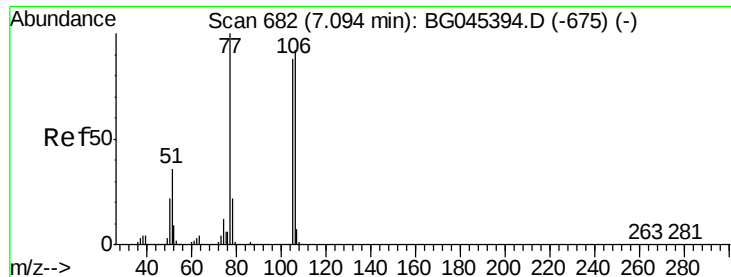
130 28.9 12.6 52.6

64 47.1 27.0 67.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 34.411 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Instrument :

BNA_G

ClientSampleId :

PB129381BS

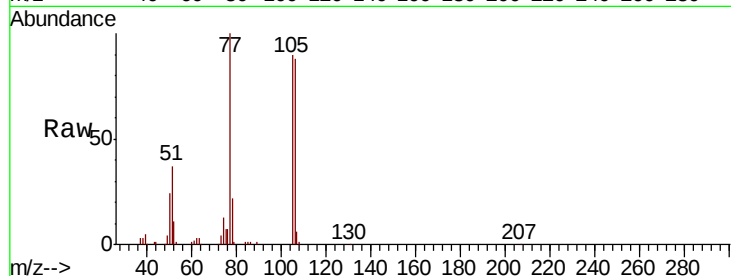
Tot Ion: 77 Resp: 102573

Ion Ratio Lower Upper

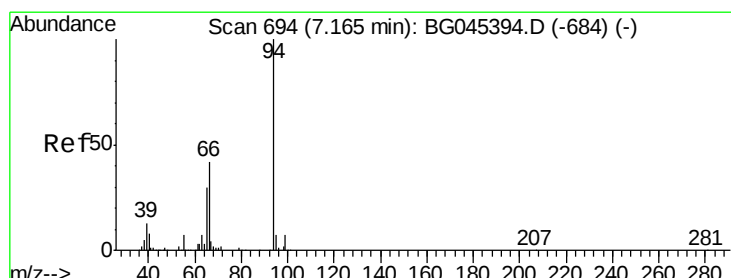
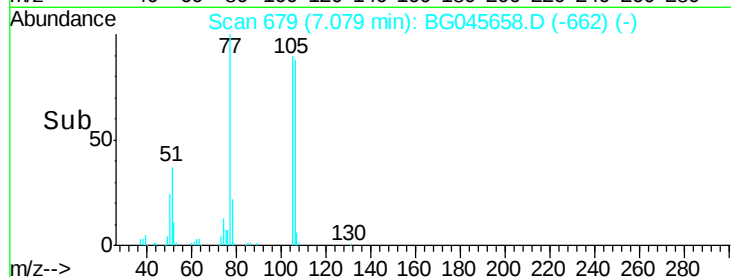
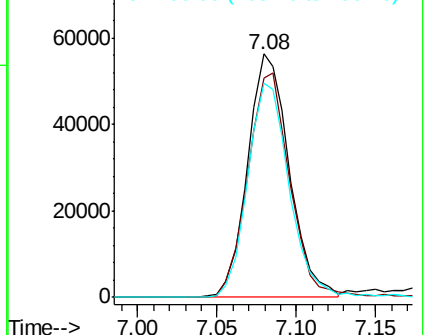
77 100

105 90.1 68.5 108.5

106 88.1 71.6 111.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 48.684 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

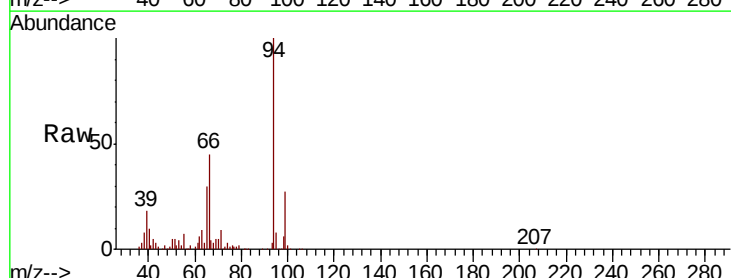
Tgt Ion: 94 Resp: 229559

Ion Ratio Lower Upper

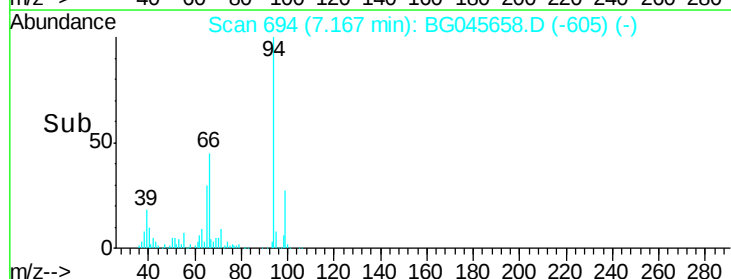
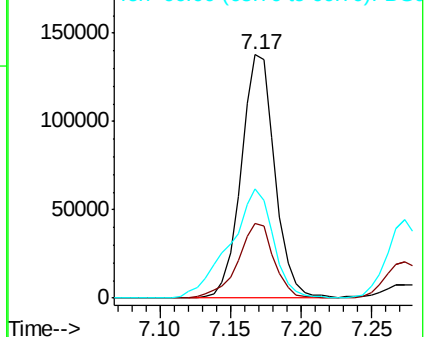
94 100

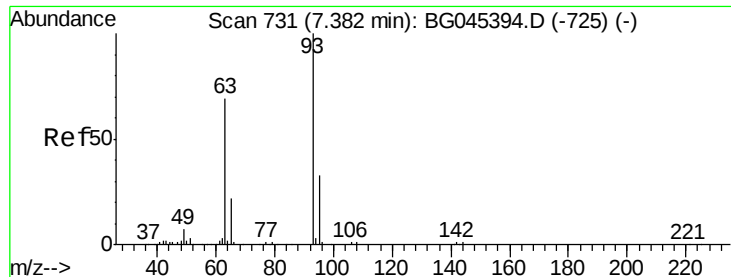
65 30.4 9.8 49.8

66 44.6 22.0 62.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

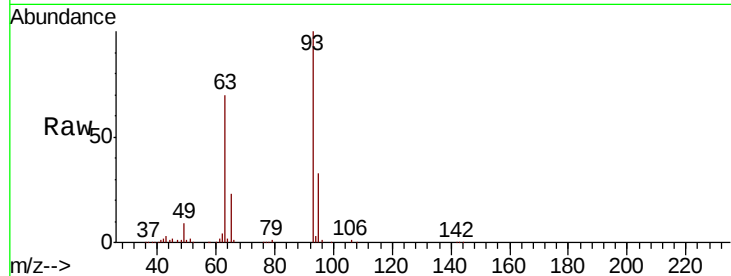




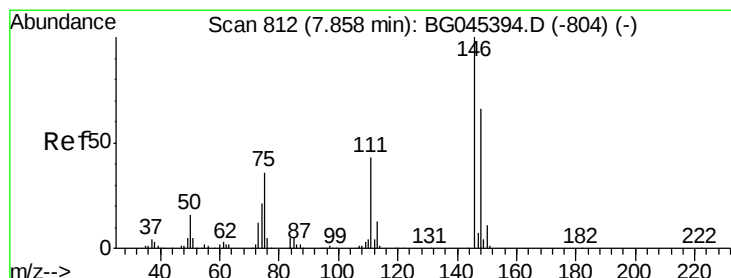
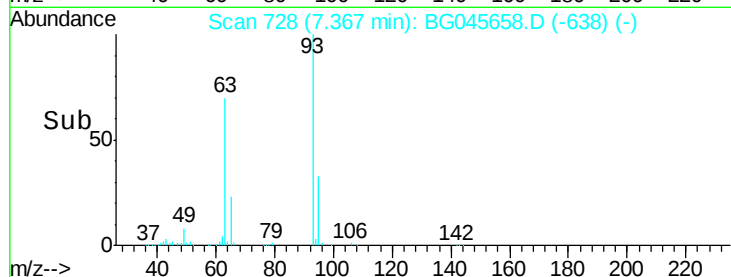
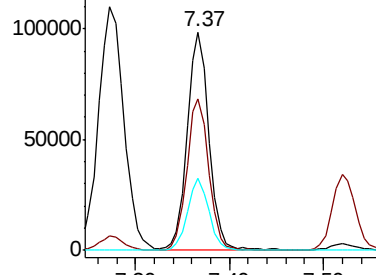
#11
bis(2-Chloroethyl)ether
Concen: 43.224 ng
RT: 7.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Instrument :
BNA_G
ClientSampleId :
PB129381BS

Tot Ion	93	Resp	158974
Ion	Ratio	Lower	Upper
93	100		
63	69.7	48.4	88.4
95	33.2	12.4	52.4

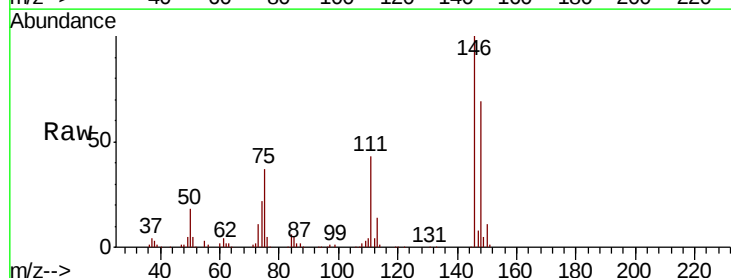


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

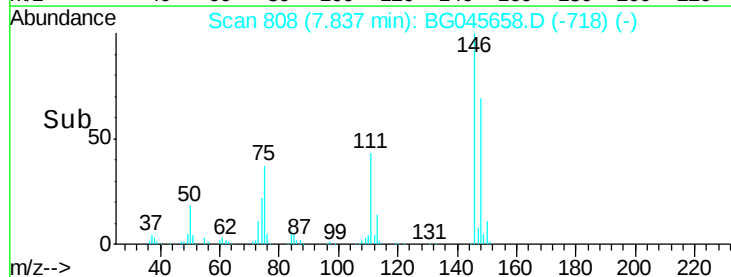
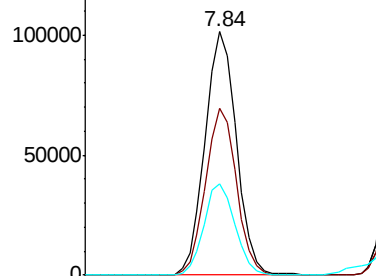


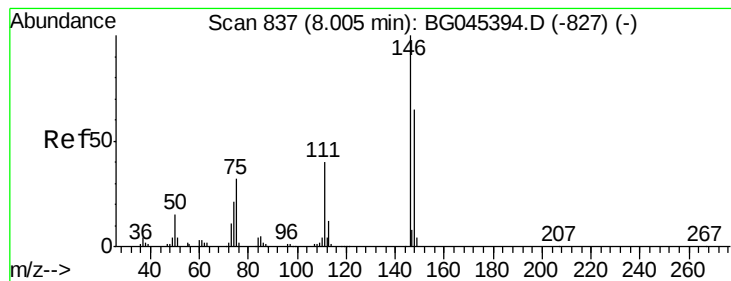
#12
1,3-Dichlorobenzene
Concen: 41.094 ng
RT: 7.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion	146	Resp	174079
Ion	Ratio	Lower	Upper
146	100		
148	68.5	53.2	79.8
75	37.3	28.6	43.0



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 42.546 ng

RT: 7.98 min Scan# 833

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Instrument :

BNA_G

ClientSampleId :

PB129381BS

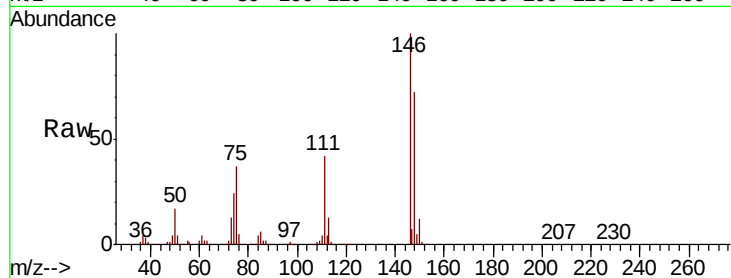
Tot Ion:146 Resp: 177861

Ion Ratio Lower Upper

146 100

148 71.7 51.8 77.8

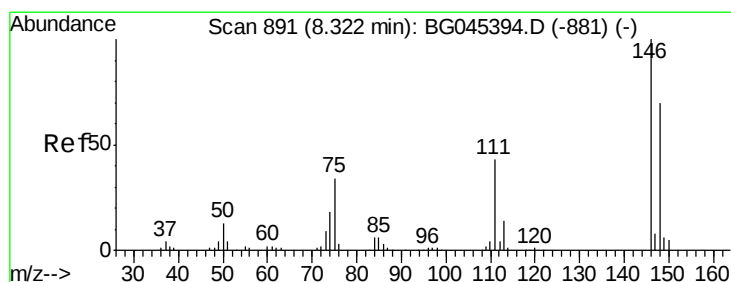
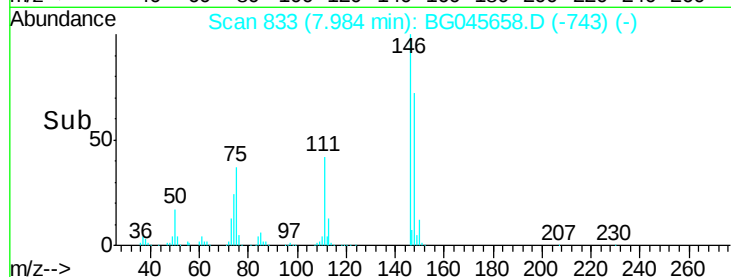
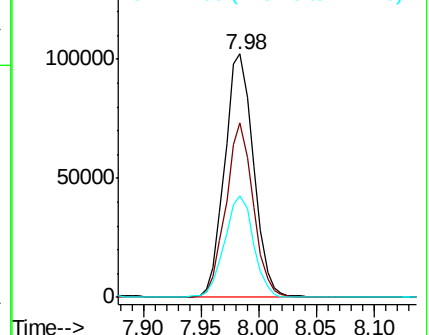
111 41.7 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.036 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

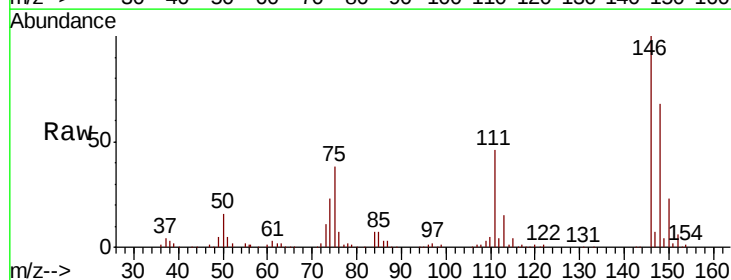
Tgt Ion:146 Resp: 169016

Ion Ratio Lower Upper

146 100

148 68.0 55.9 83.9

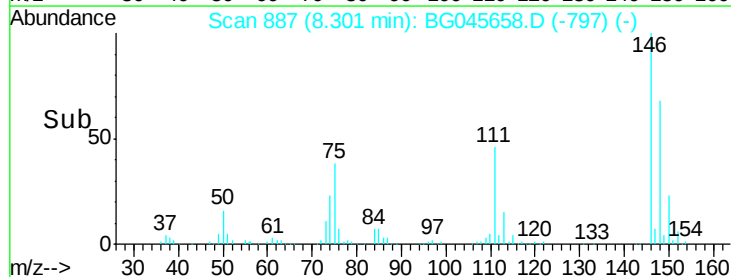
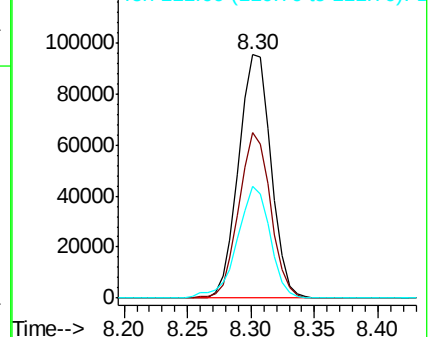
111 46.2 35.0 52.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.706 ng

RT: 8.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Instrument :

BNA_G

ClientSampleId :

PB129381BS

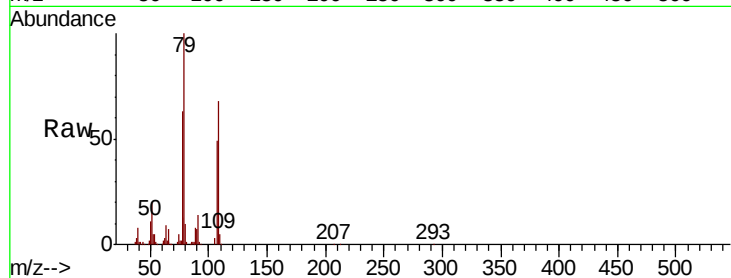
Tot Ion: 79 Resp: 180304

Ion Ratio Lower Upper

79 100

108 68.2 58.2 87.4

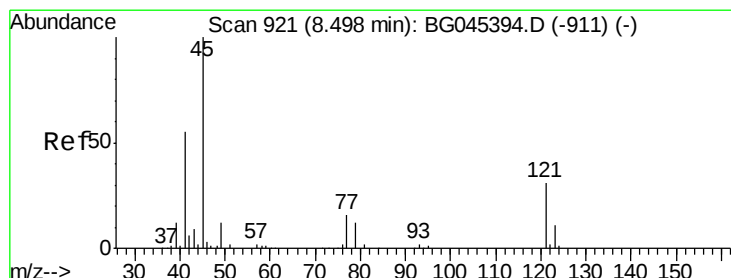
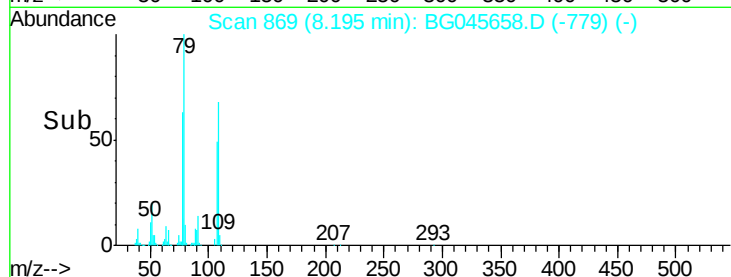
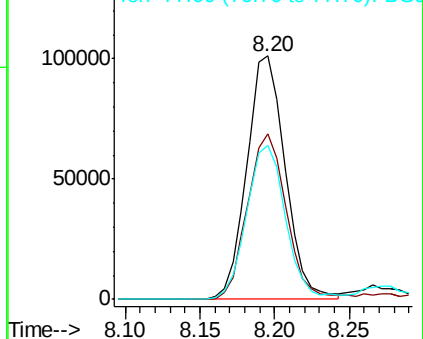
77 63.3 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.998 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

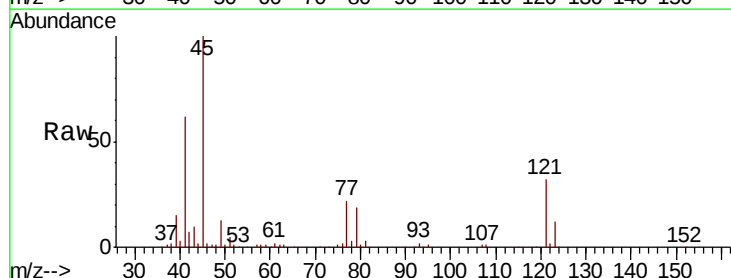
Tgt Ion: 45 Resp: 146625

Ion Ratio Lower Upper

45 100

77 22.2 4.0 44.0

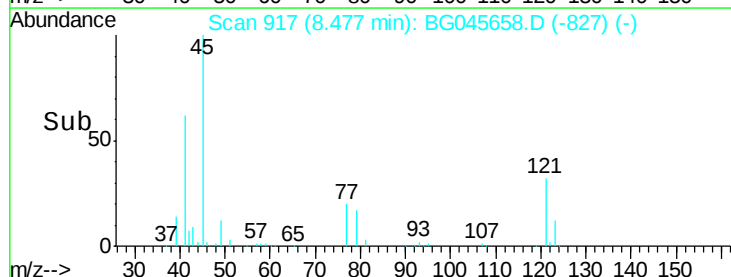
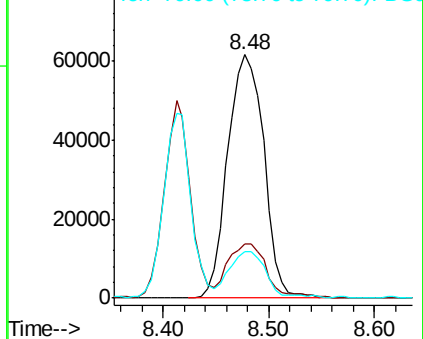
79 19.0 0.0 38.6

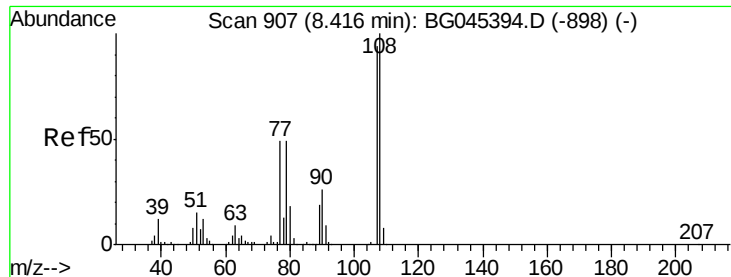


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 43.571 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Instrument :

BNA_G

ClientSampleId :

PB129381BS

Tot Ion:107 Resp: 153779

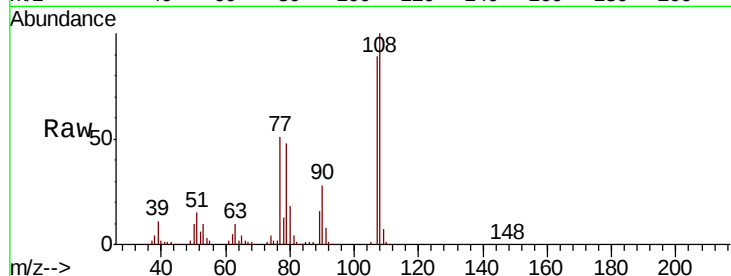
Ion Ratio Lower Upper

107 100

108 111.9 85.2 127.8

77 57.3 41.6 62.4

79 53.5 41.8 62.8

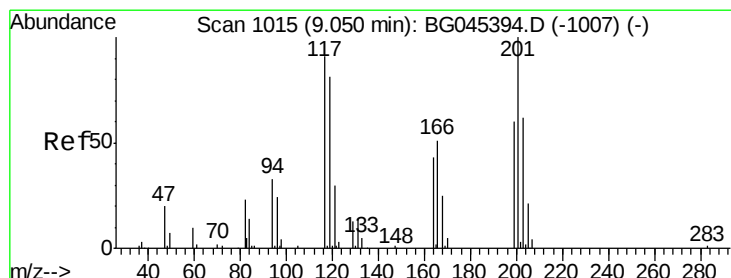
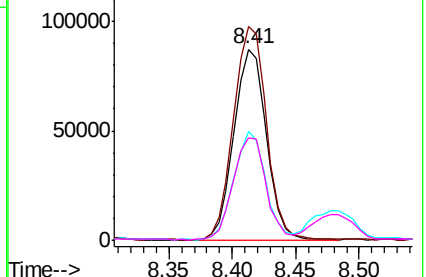
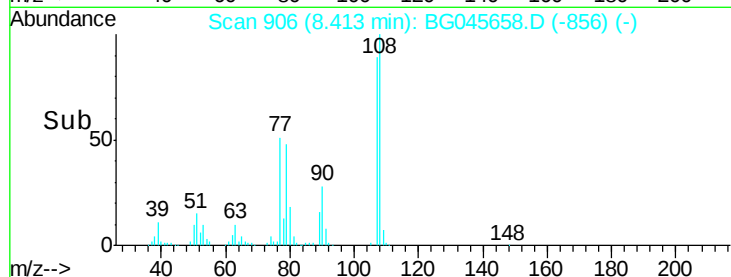


Abundance Ion 107.00 (106.70 to 107.70): E

150000 Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 42.756 ng

RT: 9.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

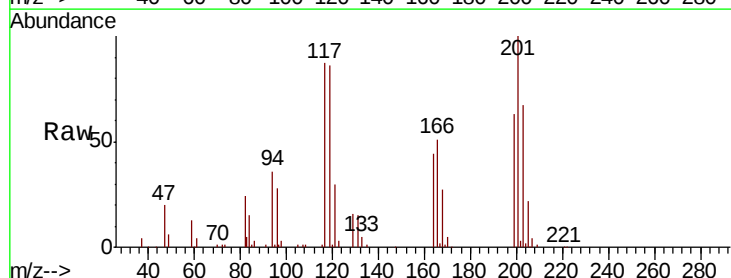
Tgt Ion:117 Resp: 68457

Ion Ratio Lower Upper

117 100

119 99.0 71.3 106.9

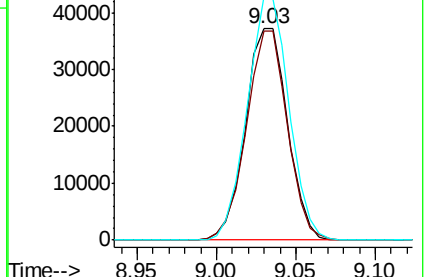
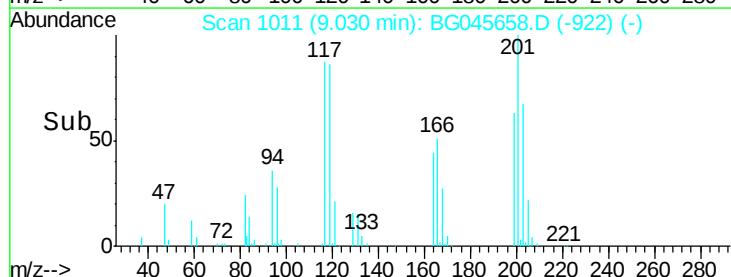
201 115.3 87.5 131.3

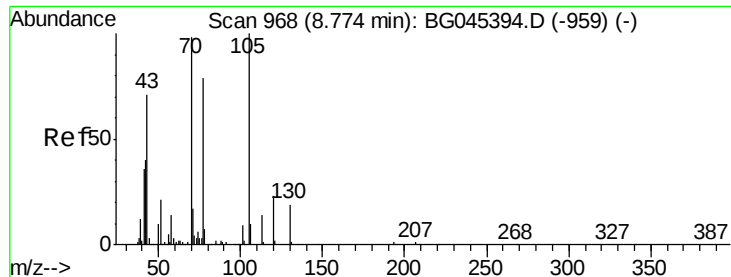


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

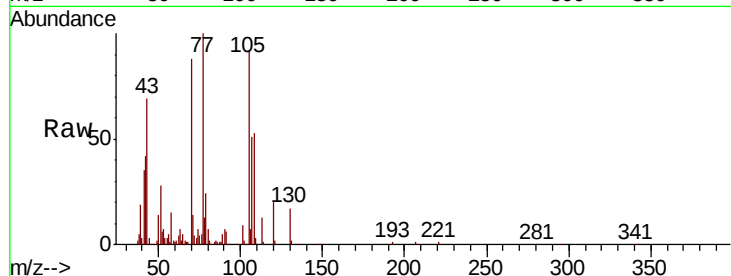




#19
n-Nitroso-di-n-propylamine
Concen: 44.697 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Instrument :
BNA_G
ClientSampleId :
PB129381BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	48.0	33.2	49.8	
101	9.7	7.8	11.6	
130	19.7	15.4	23.2	



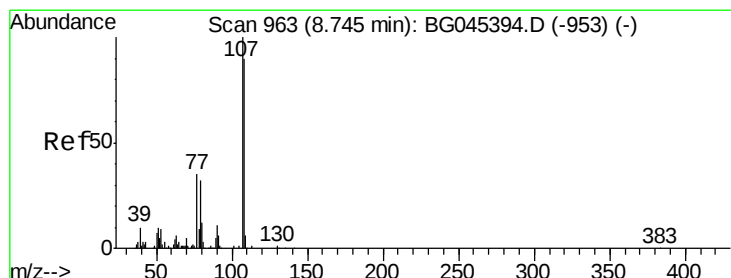
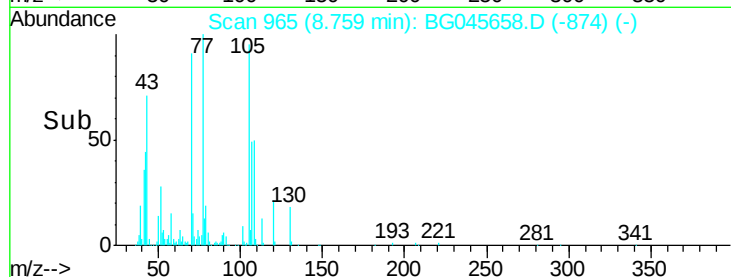
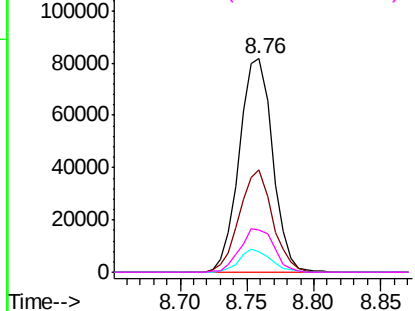
Abundance

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



#20
3+4-Methylphenols
Concen: 44.457 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.6	70.3	110.3	
77	44.1	15.4	55.4	
79	33.7	12.6	52.6	

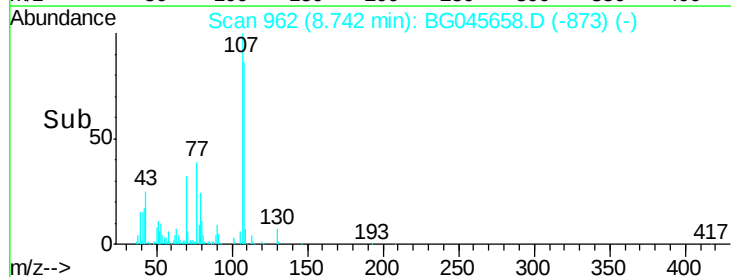
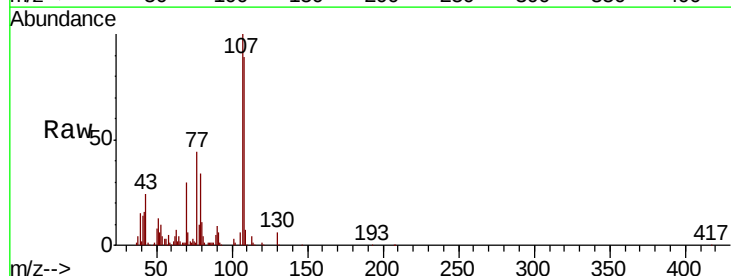
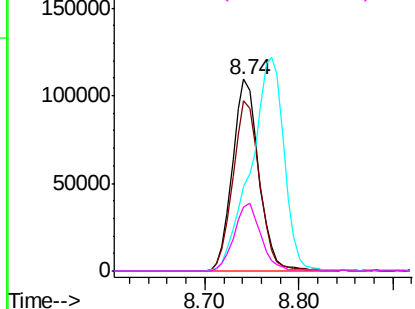
Abundance

Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Instrument :

BNA_G

ClientSampleId :

PB129381BS

Tot Ion:136 Resp: 264032

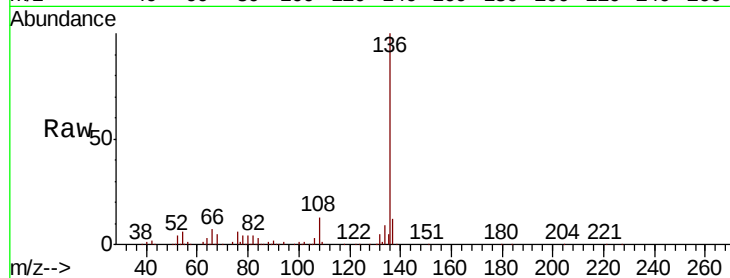
Ion Ratio Lower Upper

136 100

137 11.6 9.4 14.2

54 6.0 5.8 8.6

68 4.9 4.5 6.7

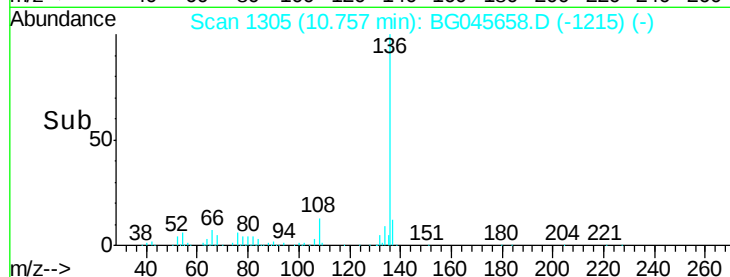


Abundance Ion 136.00 (135.70 to 136.70): E

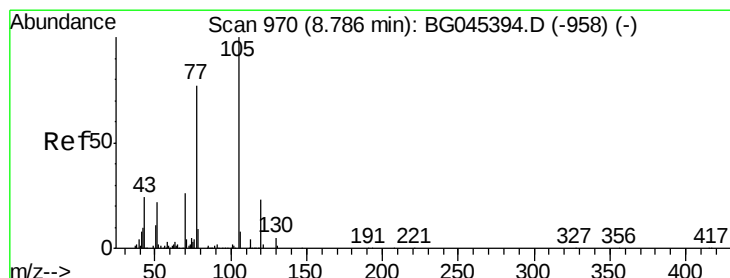
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#22

Acetophenone

Concen: 41.360 ng

RT: 8.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Tgt Ion:105 Resp: 258827

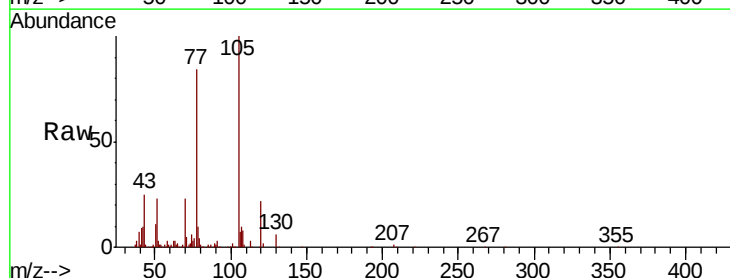
Ion Ratio Lower Upper

105 100

71 4.9 3.4 5.0

51 23.4 18.2 27.2

120 21.9 18.6 27.8

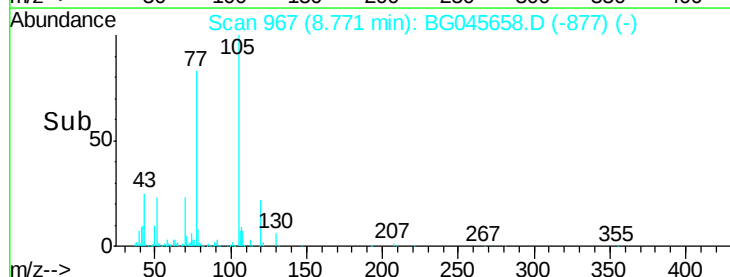


Abundance Ion 105.00 (104.70 to 105.70): E

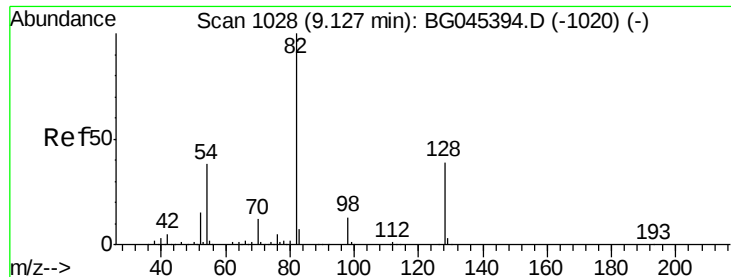
Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



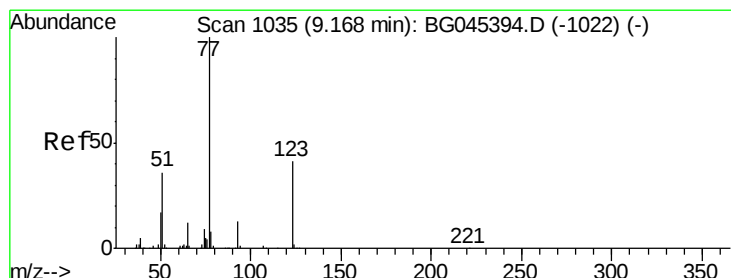
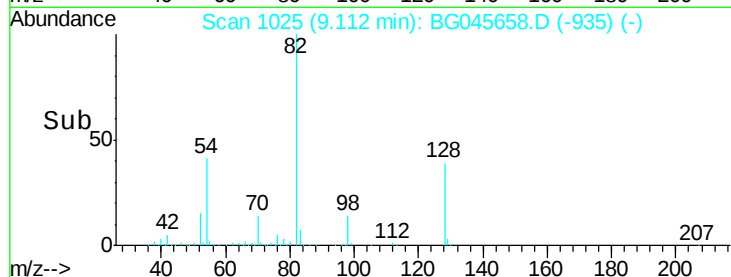
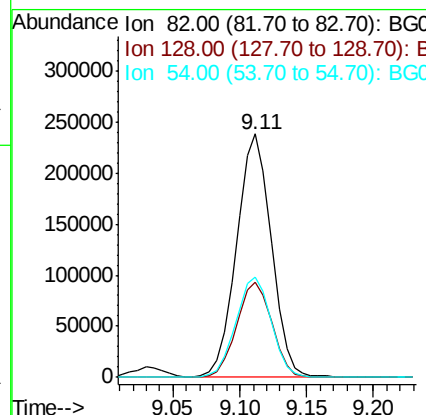
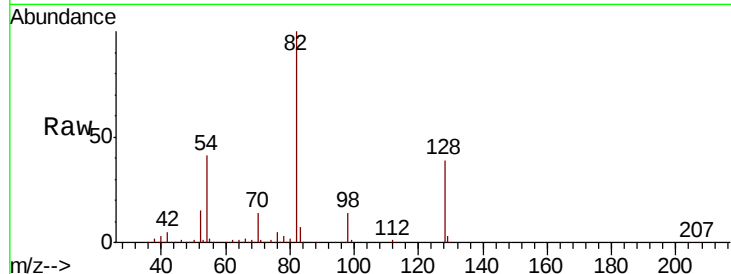
Time-->



#23
 Nitrobenzene-d5
 Concen: 88.497 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045658.D
 Acq: 9 Jun 2020 11:02

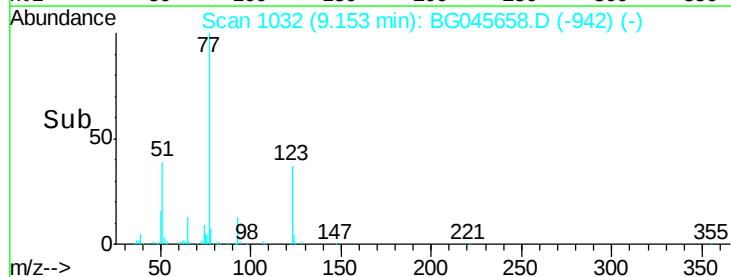
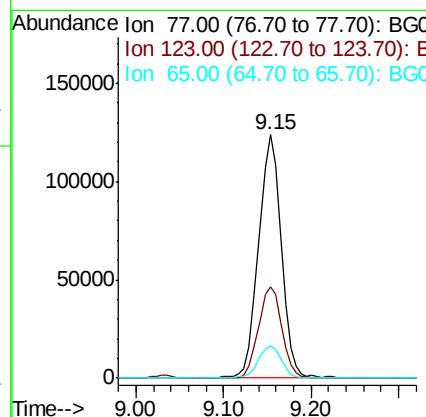
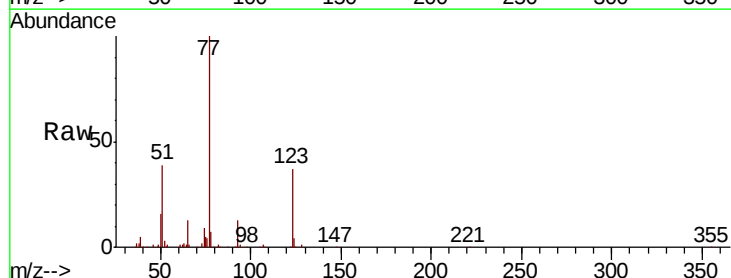
Instrument :
 BNA_G
 ClientSampleId :
 PB129381BS

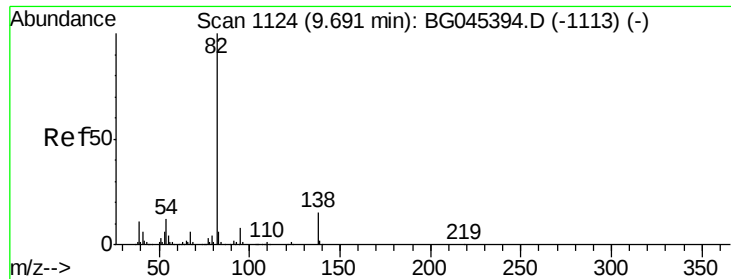
Tot Ion	82	Resp	428486
Ion Ratio	Lower	Upper	
82	100		
128	38.9	30.9	46.3
54	41.0	30.3	45.5



#24
 Nitrobenzene
 Concen: 42.480 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG045658.D
 Acq: 9 Jun 2020 11:02

Tgt Ion	77	Resp	220366
Ion Ratio	Lower	Upper	
77	100		
123	37.2	32.9	49.3
65	13.2	9.4	14.2





#25

Isophorone

Concen: 41.597 ng

RT: 9.68 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Instrument :

BNA_G

ClientSampleId :

PB129381BS

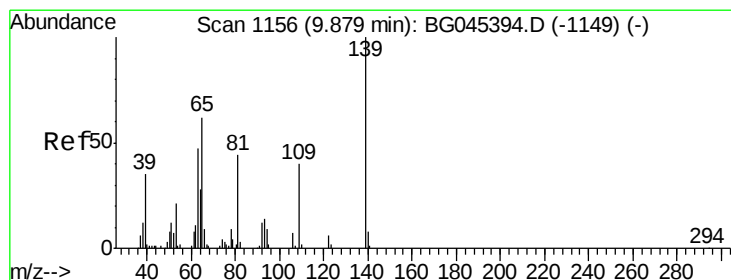
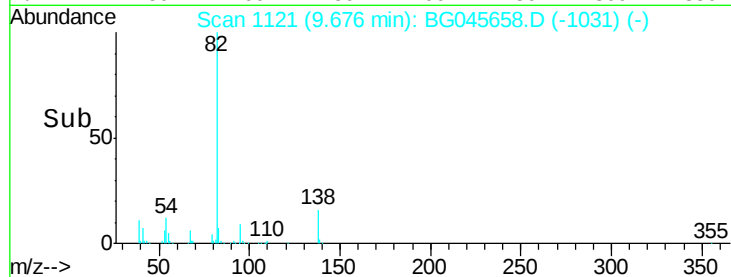
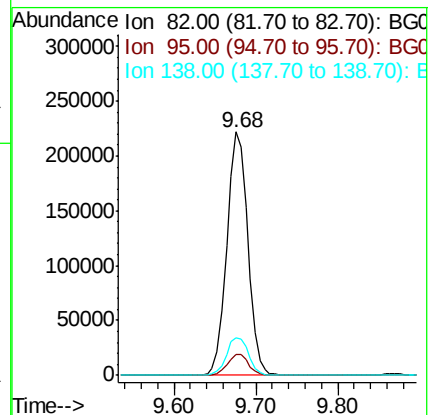
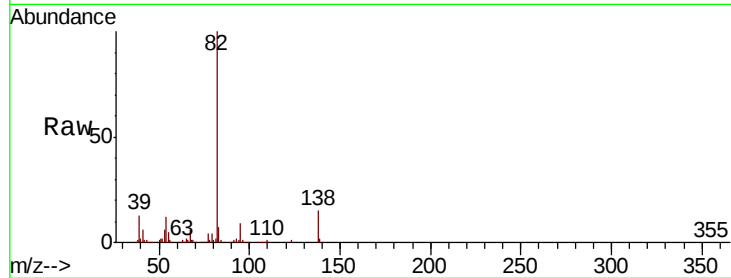
Tot Ion: 82 Resp: 396647

Ion Ratio Lower Upper

82 100

95 8.7 6.7 10.1

138 15.4 12.2 18.4



#26

2-Nitrophenol

Concen: 43.768 ng

RT: 9.86 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

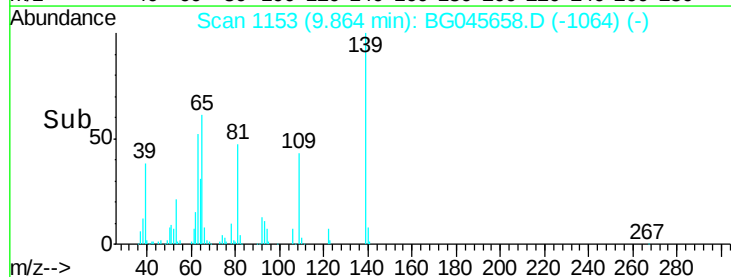
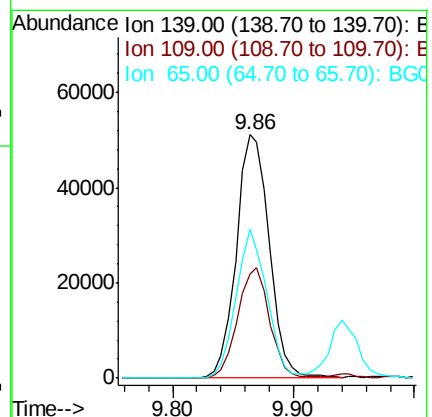
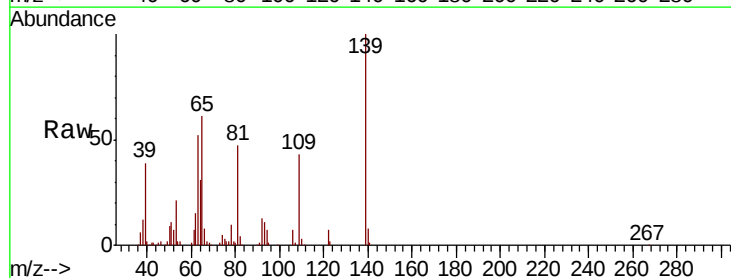
Tgt Ion: 139 Resp: 97126

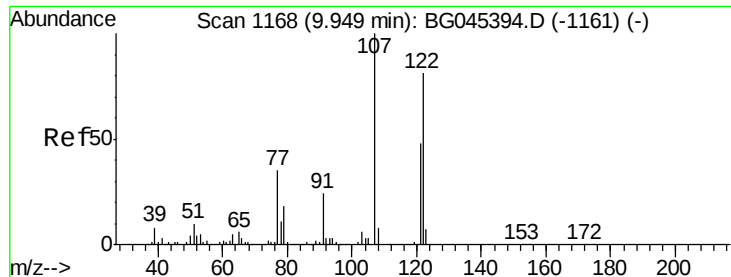
Ion Ratio Lower Upper

139 100

109 42.8 32.2 48.4

65 61.0 49.6 74.4





#27

2,4-Dimethylphenol

Concen: 49.599 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Instrument :

BNA_G

ClientSampleId :

PB129381BS

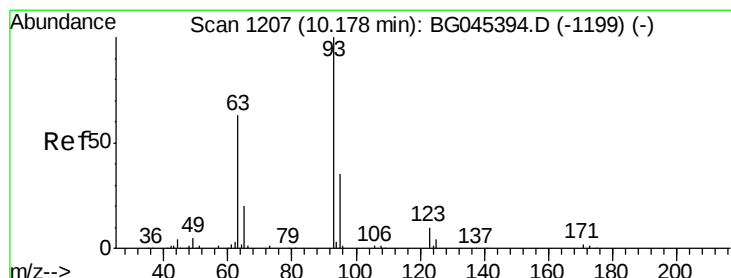
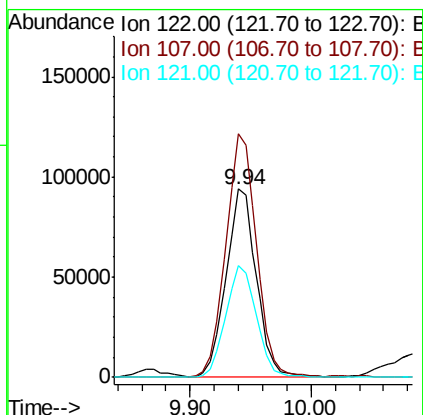
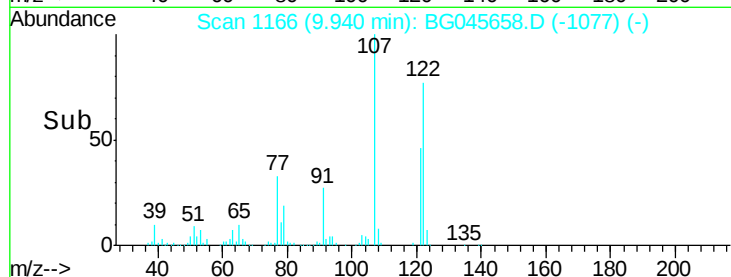
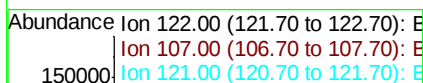
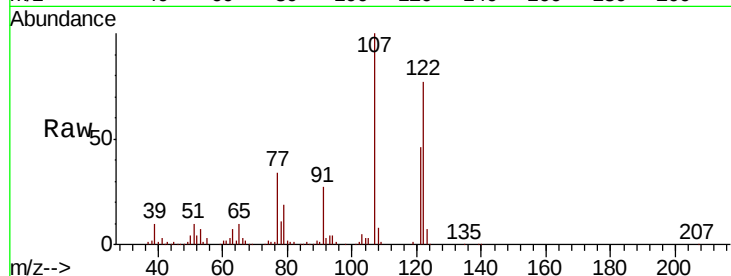
Tot Ion:122 Resp: 163248

Ion Ratio Lower Upper

122 100

107 129.5 99.0 148.4

121 59.3 47.7 71.5



#28

bis(2-Chloroethoxy)methane

Concen: 43.803 ng

RT: 10.16 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

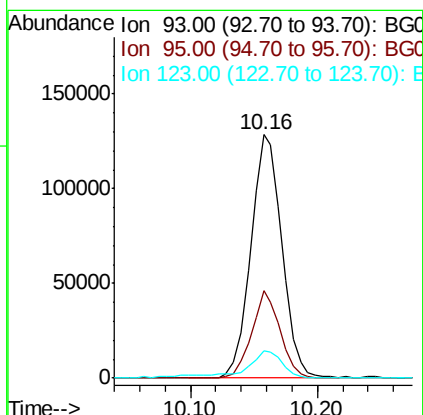
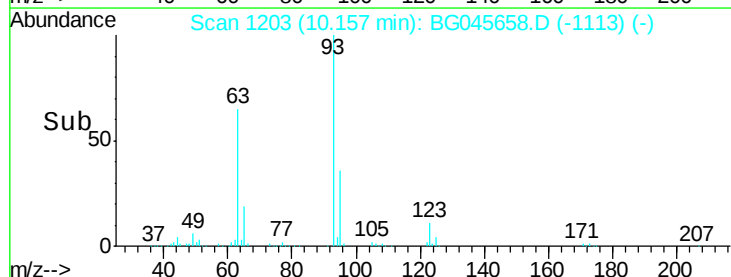
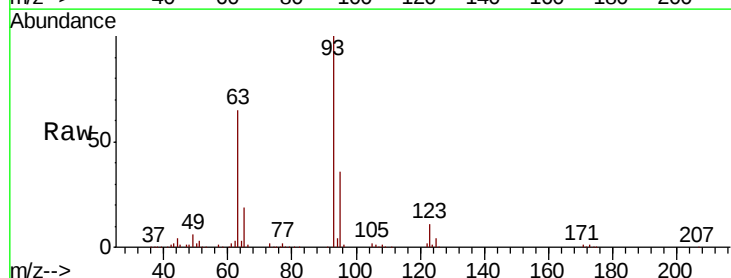
Tgt Ion: 93 Resp: 219045

Ion Ratio Lower Upper

93 100

95 35.7 27.6 41.4

123 11.2 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 45.993 ng

RT: 10.42 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Instrument :

BNA_G

ClientSampleId :

PB129381BS

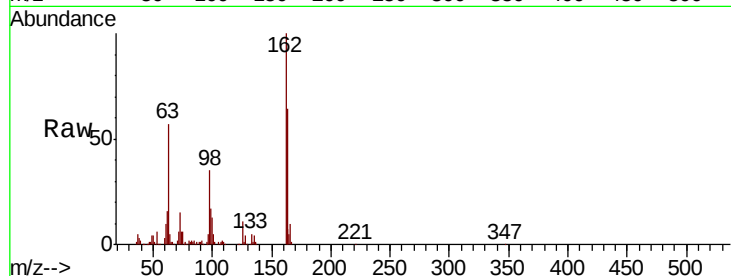
Tot Ion:162 Resp: 178759

Ion Ratio Lower Upper

162 100

164 63.9 46.8 86.8

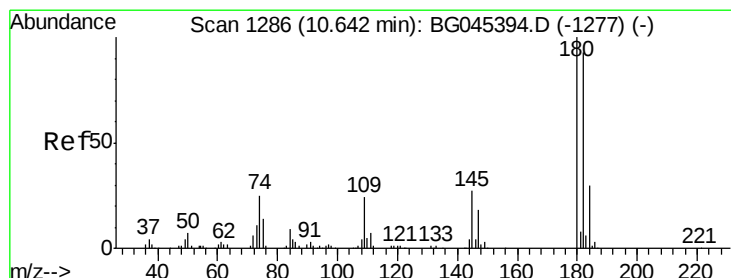
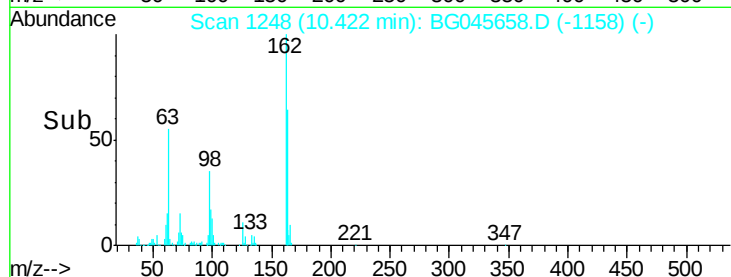
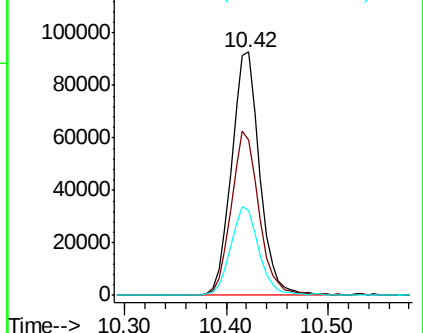
98 35.0 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 42.445 ng

RT: 10.62 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

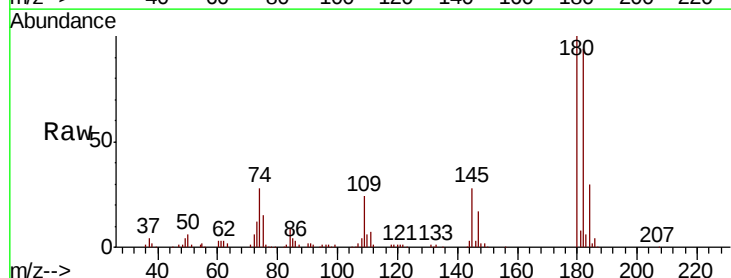
Tgt Ion:180 Resp: 194936

Ion Ratio Lower Upper

180 100

182 93.7 74.8 112.2

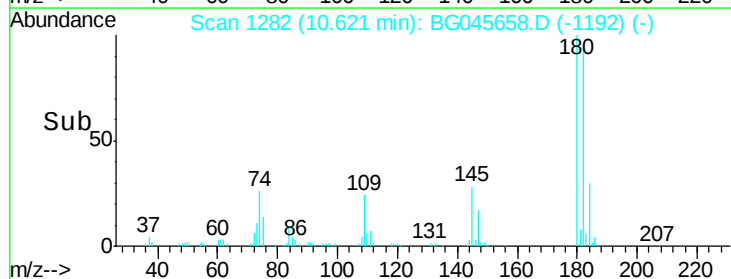
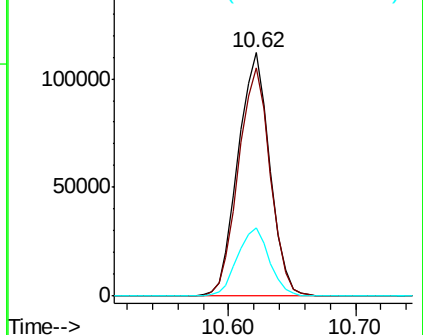
145 27.8 21.9 32.9

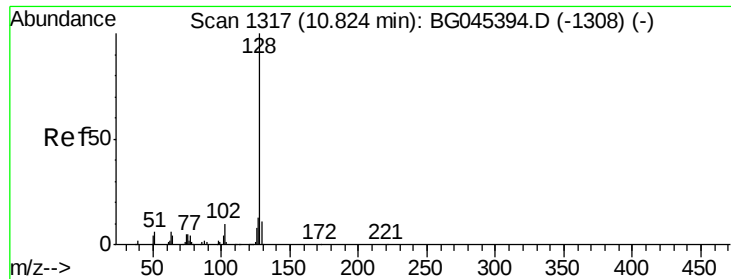


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

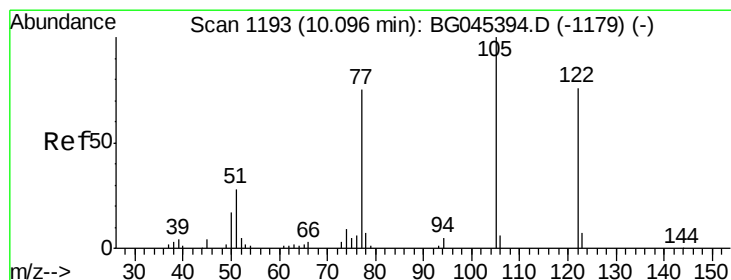
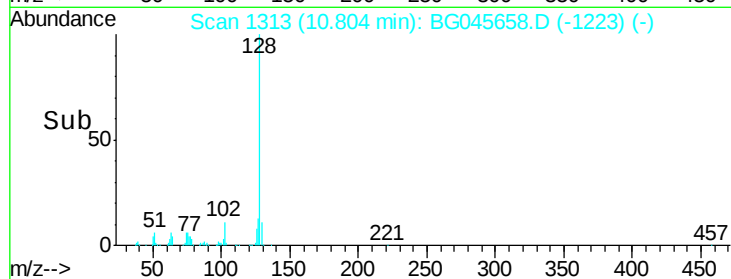
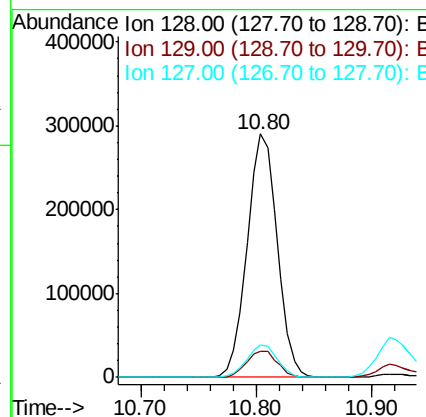
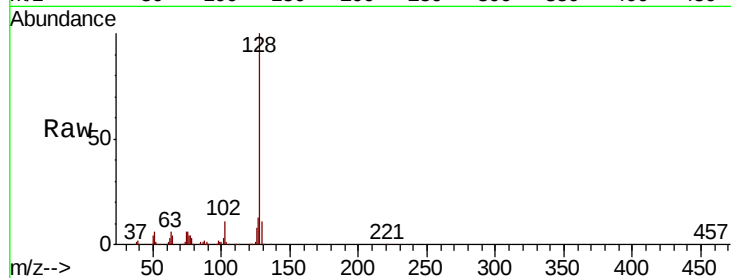




#31
Naphthalene
Concen: 42.772 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

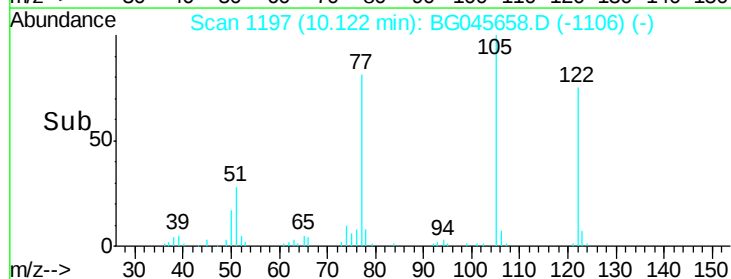
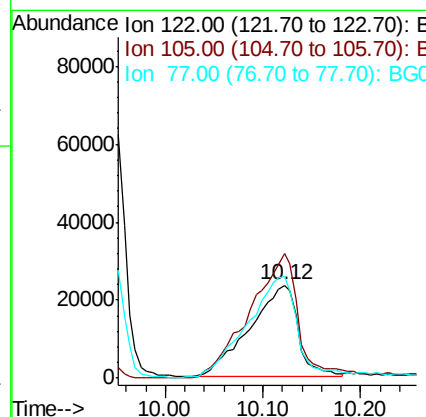
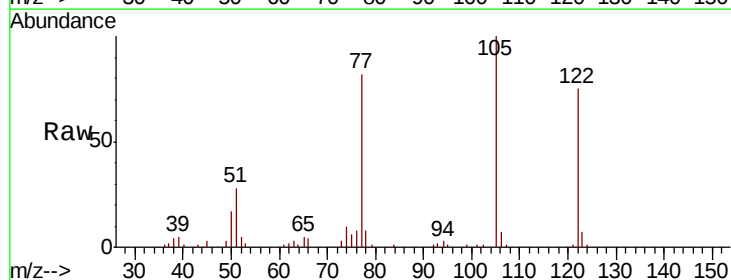
Instrument :
BNA_G
ClientSampleId :
PB129381BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.4	10.7	16.1



#32
Benzoic acid
Concen: 38.726 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.1	107.9	147.9
77	109.5	78.9	118.9

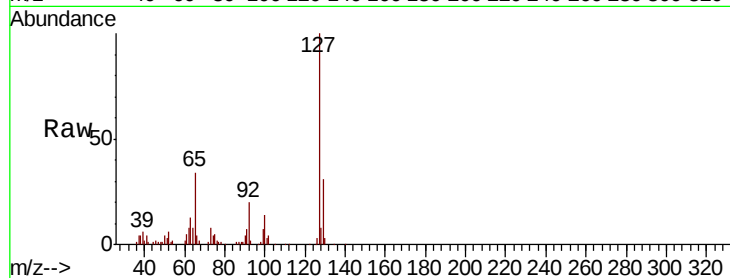




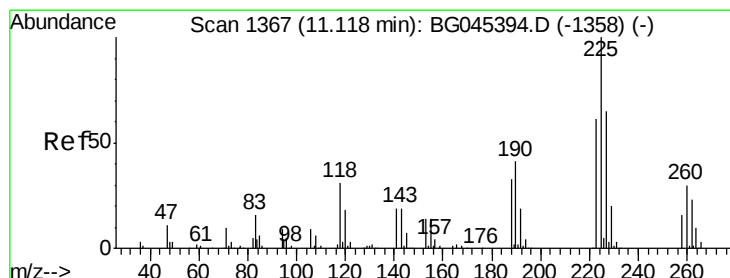
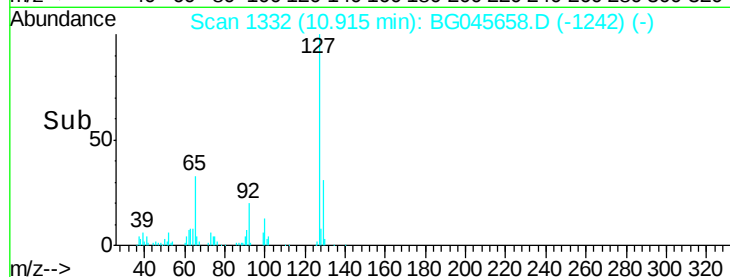
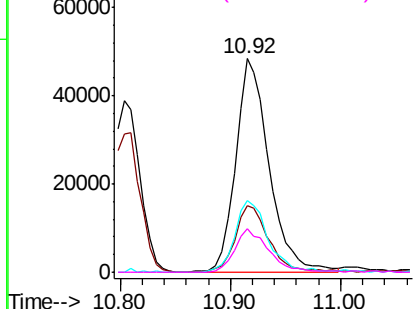
#33
4-Chloroaniline
Concen: 19.995 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Instrument :
BNA_G
ClientSampleId :
PB129381BS

Tot Ion:	127	Resp:	102834
Ion	Ratio	Lower	Upper
127	100		
129	31.4	24.7	37.1
65	33.8	26.2	39.2
92	20.2	17.9	26.9

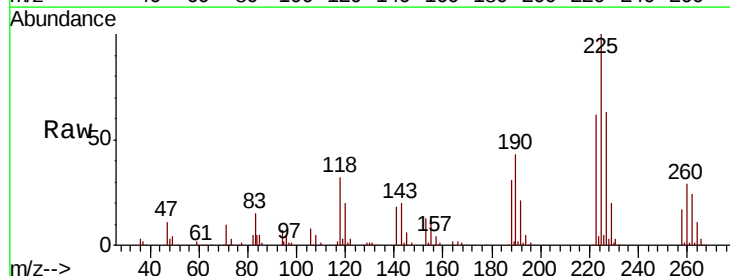


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

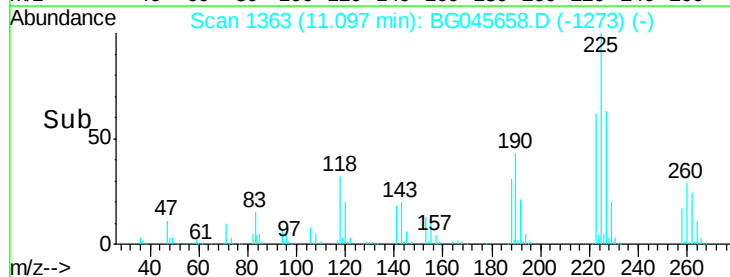
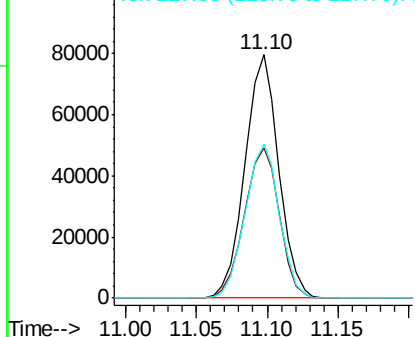


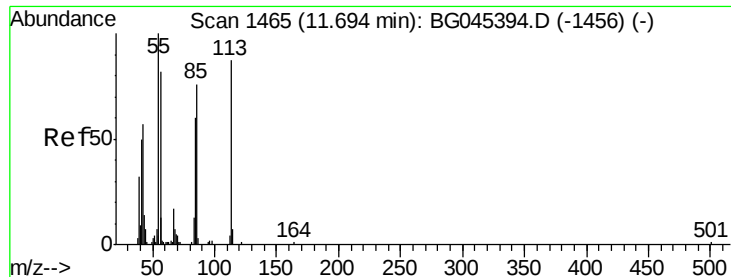
#34
Hexachlorobutadiene
Concen: 41.063 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion:	225	Resp:	133307
Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.1	73.7
227	63.5	52.0	78.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 22.643 ng

RT: 11.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Instrument :

BNA_G

ClientSampleId :

PB129381BS

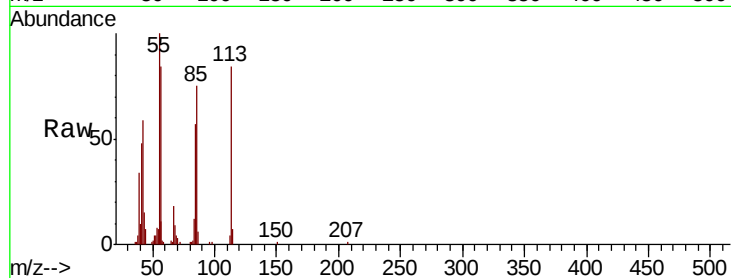
Tot Ion:113 Resp: 32302

Ion Ratio Lower Upper

113 100

55 118.7 96.0 136.0

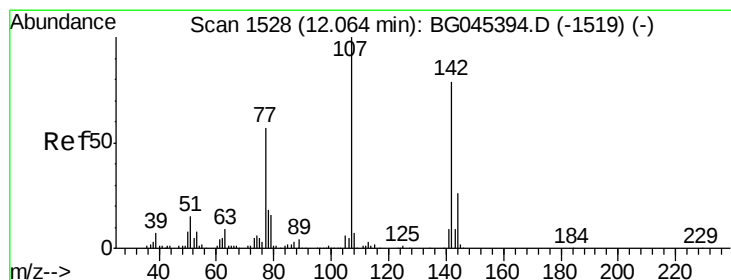
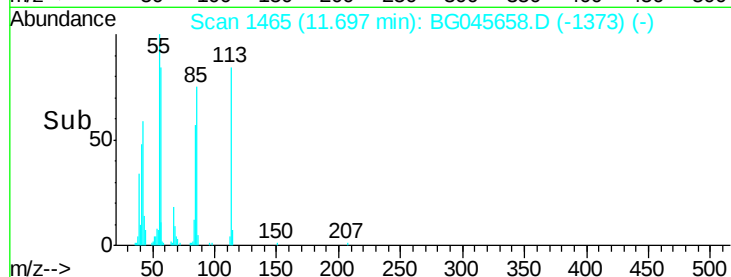
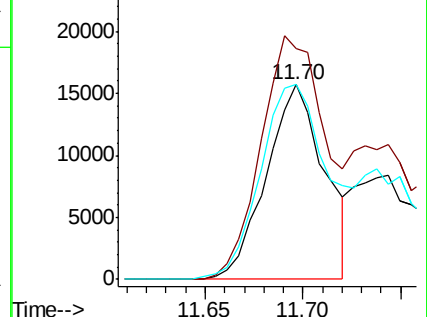
56 100.3 75.1 115.1



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



#36

4-Chloro-3-methylphenol

Concen: 47.484 ng

RT: 12.07 min Scan# 1528

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

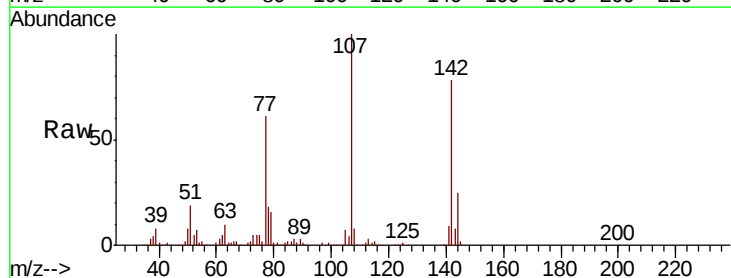
Tgt Ion:107 Resp: 207963

Ion Ratio Lower Upper

107 100

144 24.6 20.8 31.2

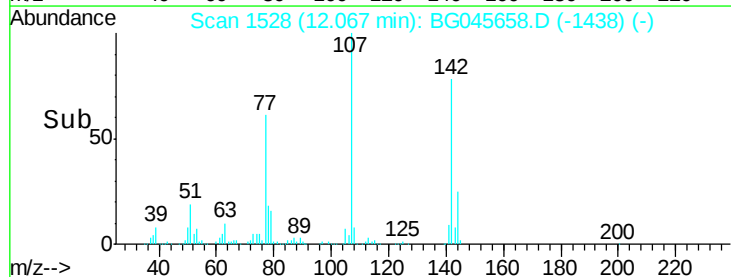
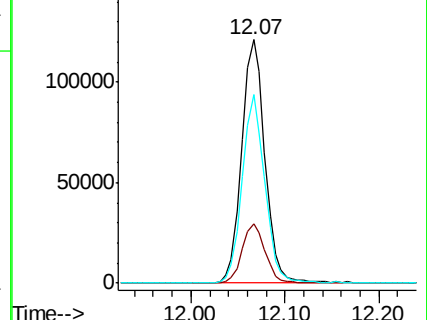
142 77.6 62.8 94.2

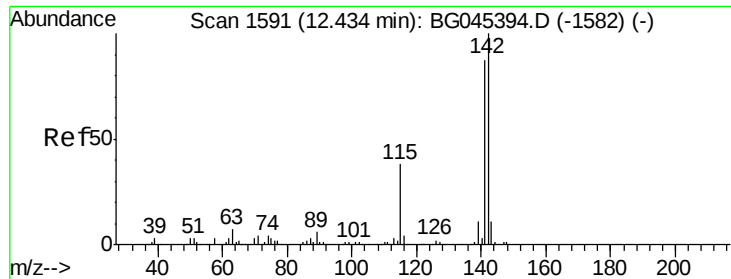


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

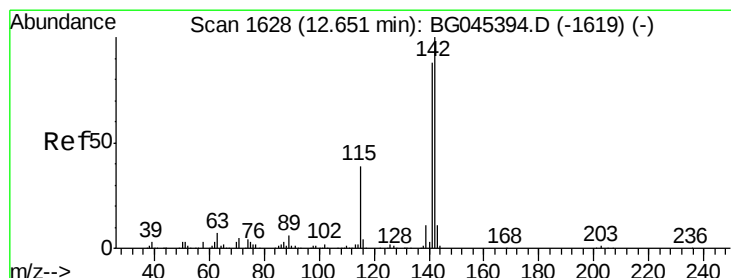
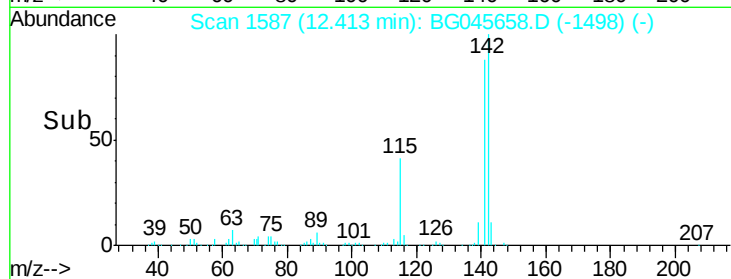
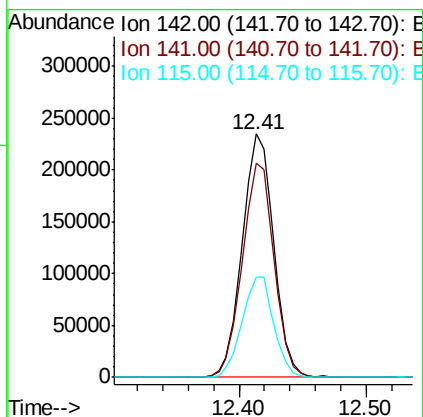
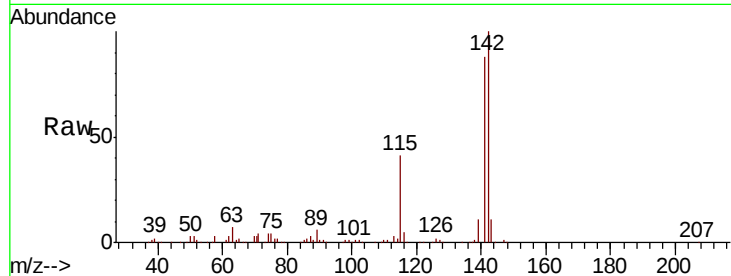




#37
2-Methylnaphthalene
Concen: 44.096 ng
RT: 12.41 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

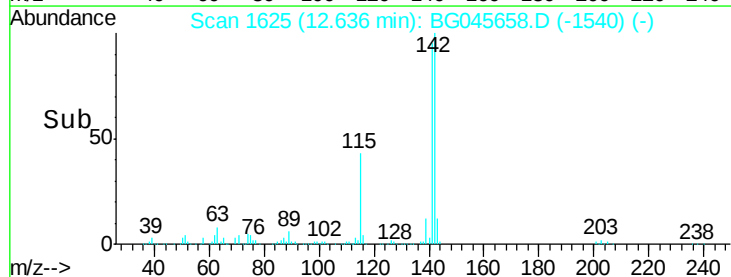
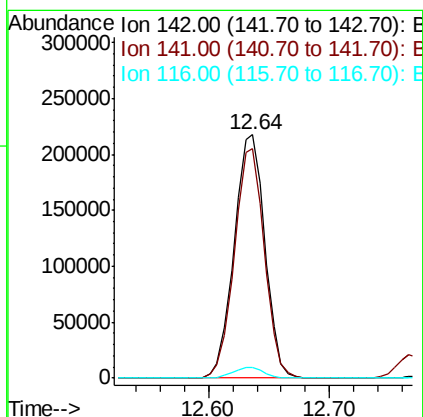
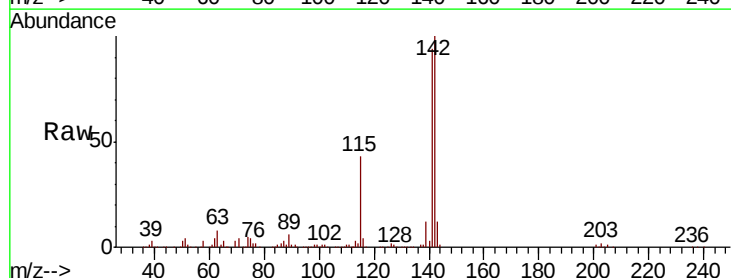
Instrument :
BNA_G
ClientSampleId :
PB129381BS

Tot Ion:142 Resp: 404382
Ion Ratio Lower Upper
142 100
141 87.8 70.0 105.0
115 41.3 30.8 46.2



#38
1-Methylnaphthalene
Concen: 44.432 ng
RT: 12.64 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion:142 Resp: 384901
Ion Ratio Lower Upper
142 100
141 94.4 70.8 106.2
116 4.5 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Instrument :

BNA_G

ClientSampleId :

PB129381BS

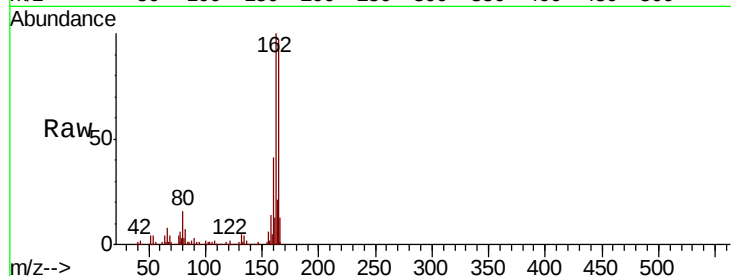
Tot Ion:164 Resp: 194305

Ion Ratio Lower Upper

164 100

162 102.6 76.9 115.3

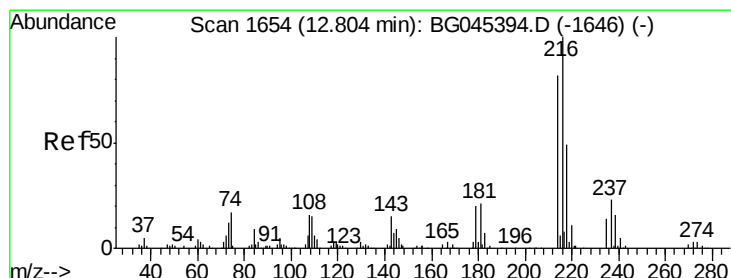
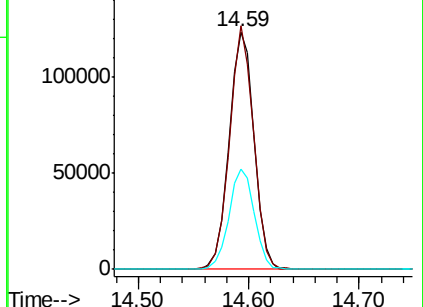
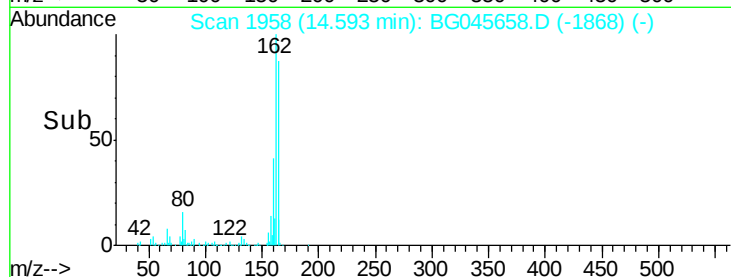
160 42.1 33.8 50.8



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.682 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Tgt Ion:216 Resp: 231644

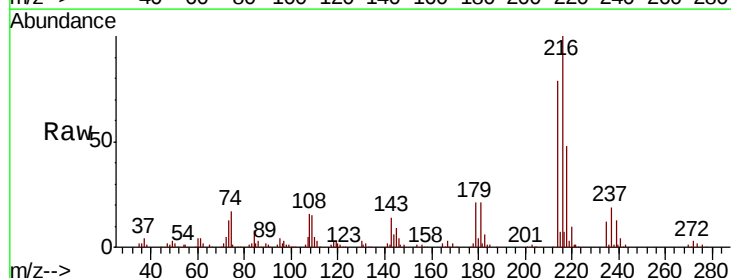
Ion Ratio Lower Upper

216 100

214 79.5 63.7 95.5

179 20.0 16.1 24.1

108 19.9 13.8 20.6

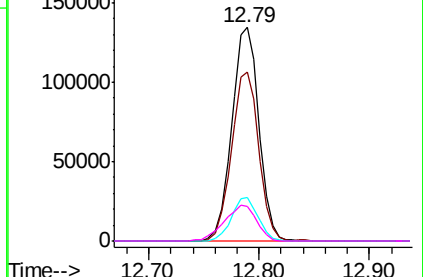
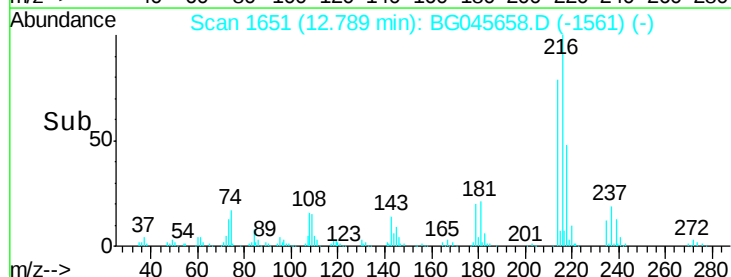


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 94.893 ng

RT: 12.77 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Instrument :

BNA_G

ClientSampleId :

PB129381BS

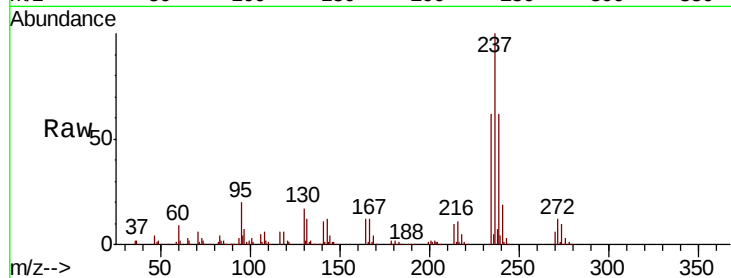
Tot Ion:237 Resp: 297254

Ion Ratio Lower Upper

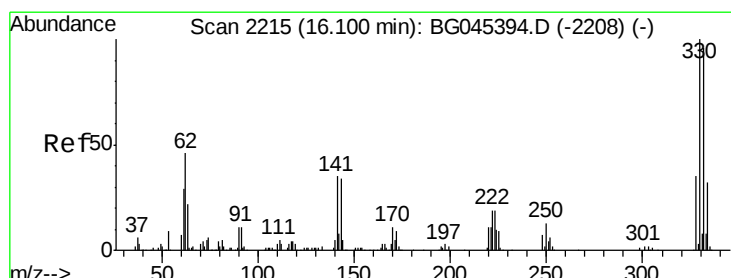
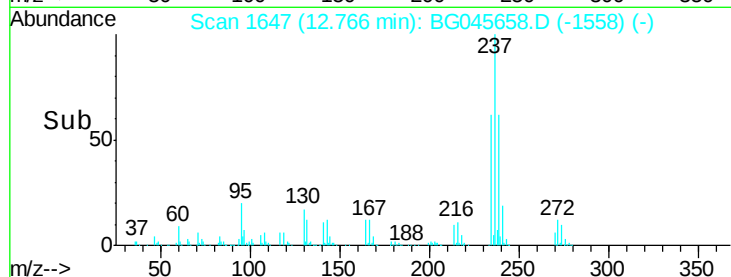
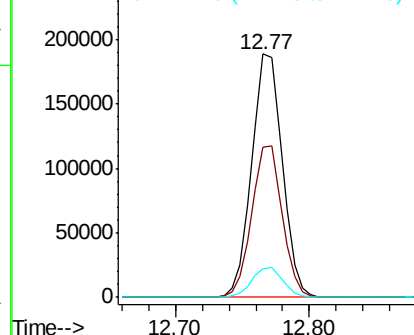
237 100

235 61.7 44.4 84.4

272 11.5 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 129.620 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

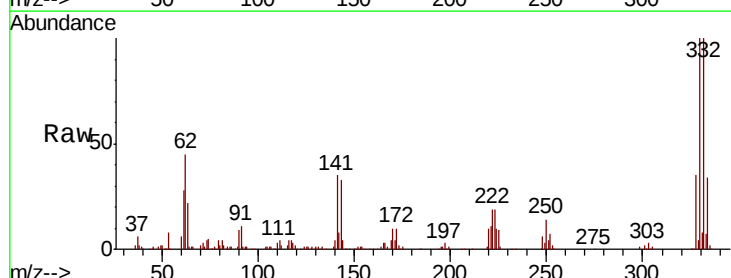
Tgt Ion:330 Resp: 322098

Ion Ratio Lower Upper

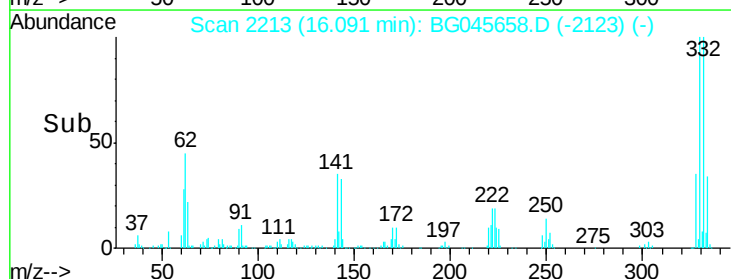
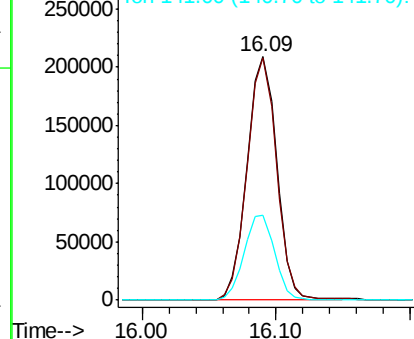
330 100

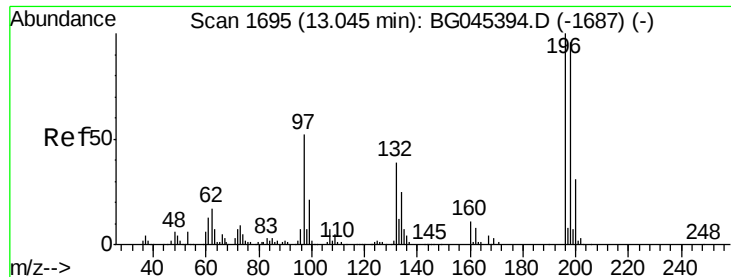
332 99.4 78.2 117.4

141 36.1 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

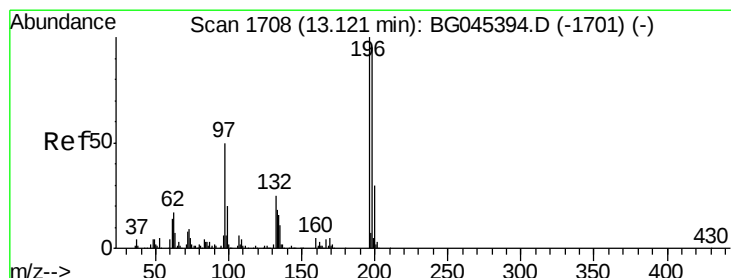
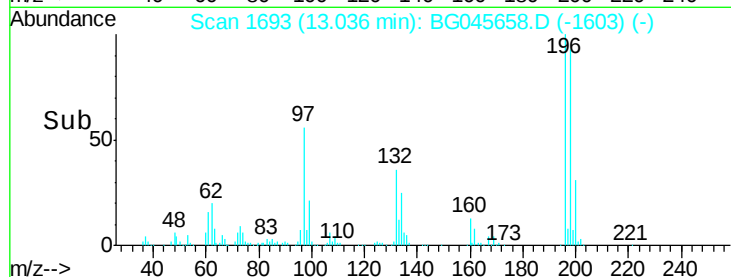
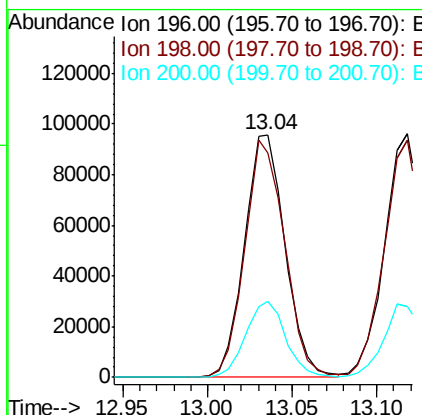
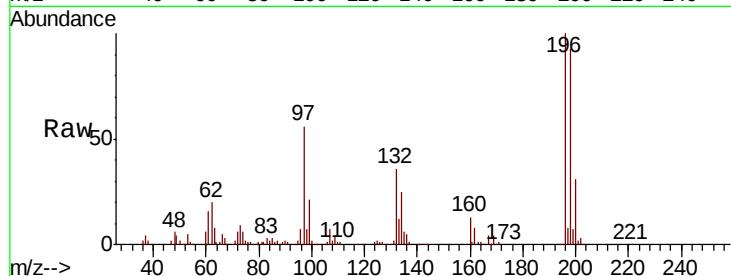




#43
2,4,6-Trichlorophenol
Concen: 42.492 ng
RT: 13.04 min Scan# 1693
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

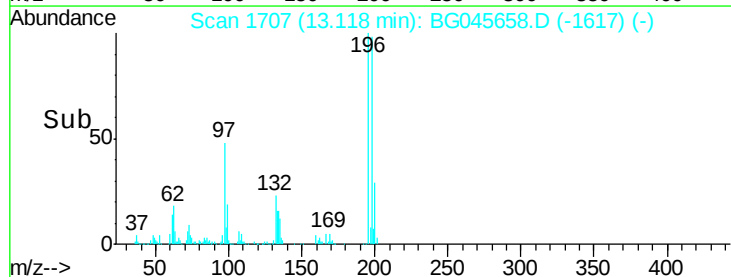
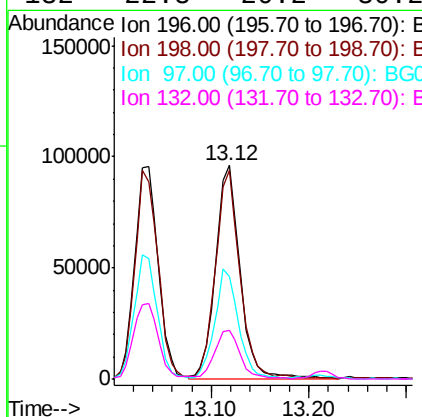
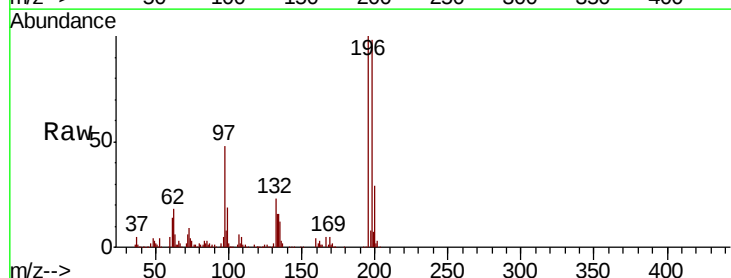
Instrument :
BNA_G
ClientSampleId :
PB129381BS

Tot Ion:196 Resp: 160198
Ion Ratio Lower Upper
196 100
198 92.5 76.7 115.1
200 31.2 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 38.826 ng
RT: 13.12 min Scan# 1707
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion:196 Resp: 167272
Ion Ratio Lower Upper
196 100
198 97.6 76.1 114.1
97 48.2 40.0 60.0
132 22.8 20.2 30.2

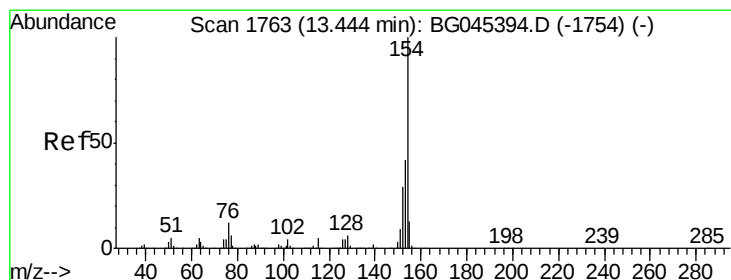
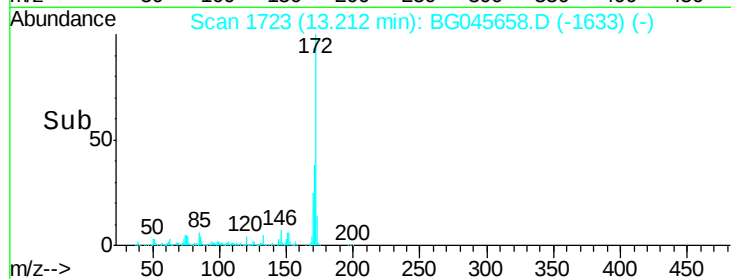
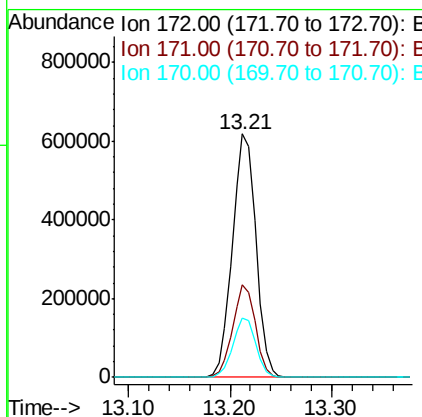
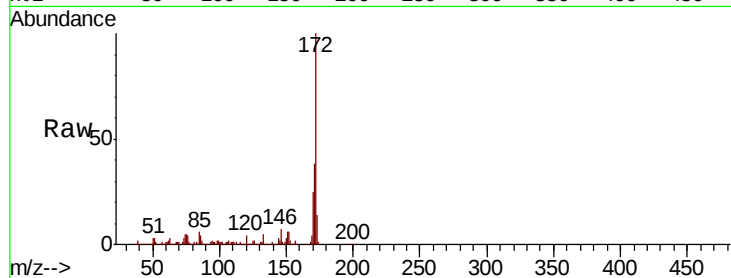




#45
2-Fluorobiphenyl
Concen: 86.854 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

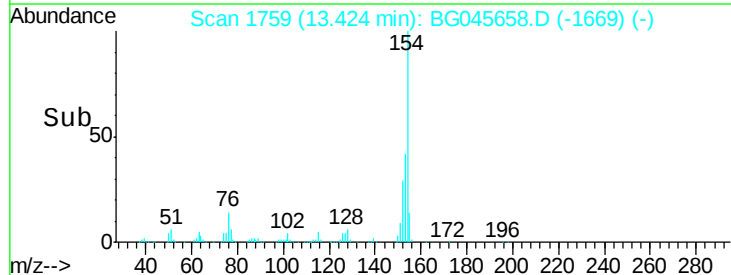
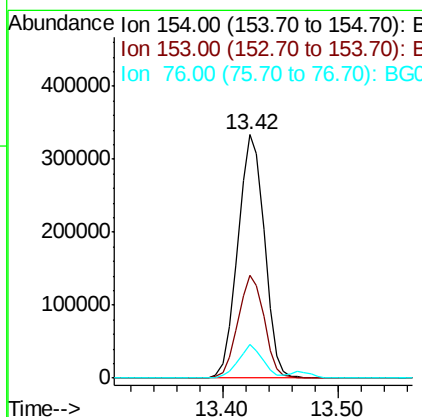
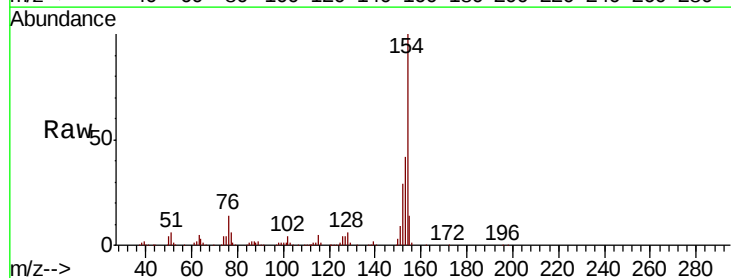
Instrument :
BNA_G
ClientSampleId :
PB129381BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.5	44.3
170	24.6	18.5	27.7



#46
1,1'-Biphenyl
Concen: 44.518 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.2	62.2
76	13.6	0.0	32.4

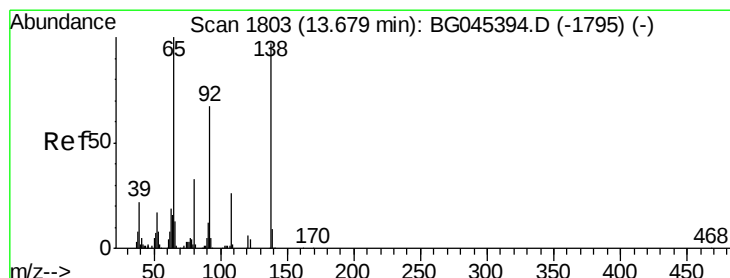
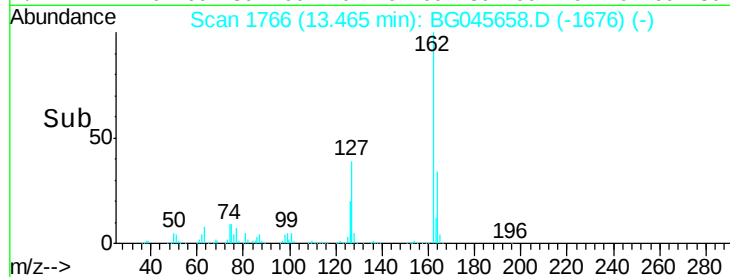
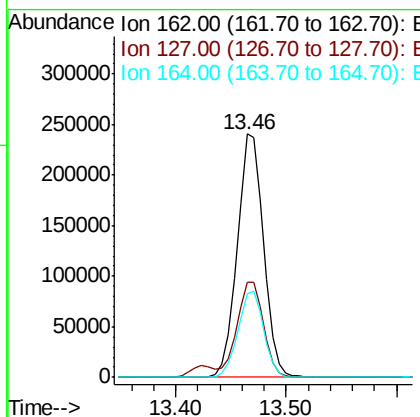
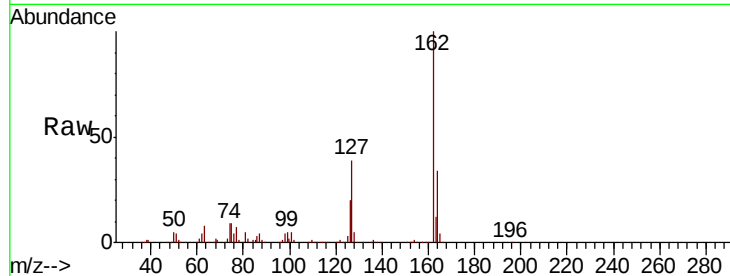




#47
 2-Chloronaphthalene
 Concen: 41.536 ng
 RT: 13.46 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BG045658.D
 Acq: 9 Jun 2020 11:02

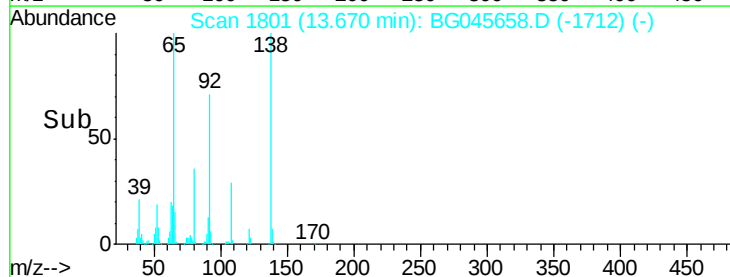
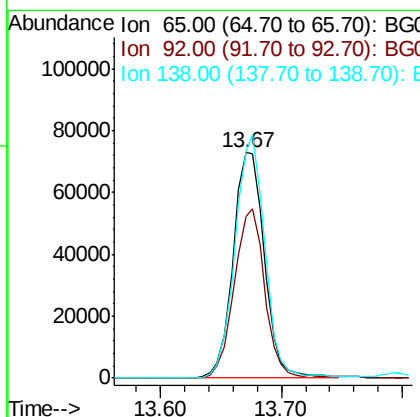
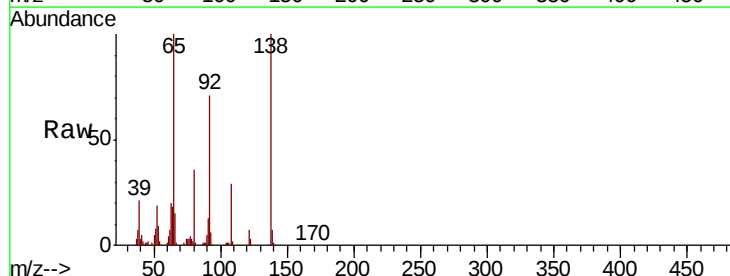
Instrument :
 BNA_G
 ClientSampleId :
 PB129381BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	31.6	47.4
164	34.3	28.1	42.1



#48
 2-Nitroaniline
 Concen: 41.459 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG045658.D
 Acq: 9 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.4	53.8	80.8
138	100.3	77.9	116.9





#49

Acenaphthylene

Concen: 43.252 ng

RT: 14.32 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Instrument :

BNA_G

ClientSampleId :

PB129381BS

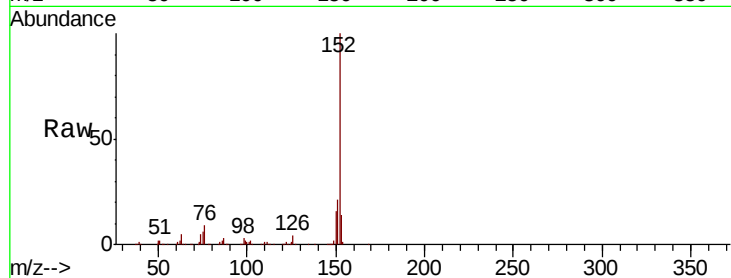
Tot Ion:152 Resp: 673553

Ion Ratio Lower Upper

152 100

151 21.3 17.4 26.2

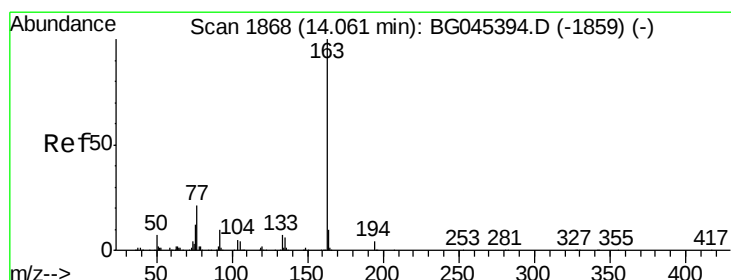
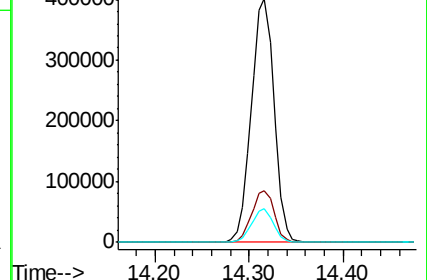
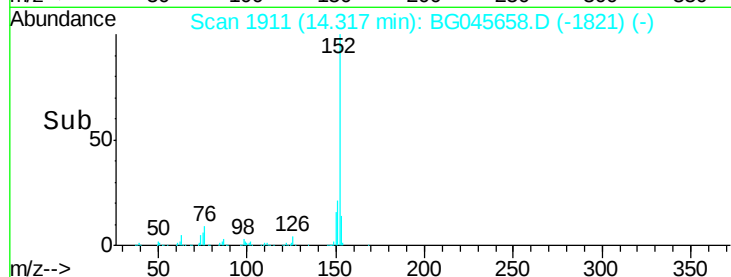
153 13.6 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.932 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

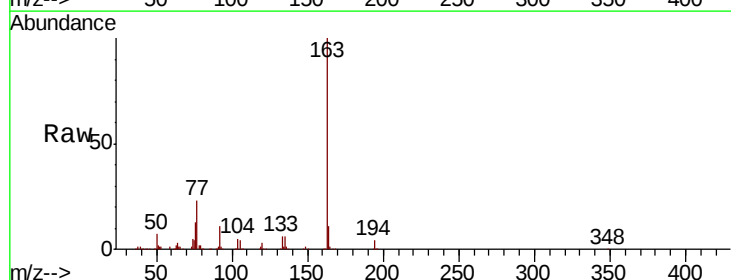
Tgt Ion:163 Resp: 558913

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

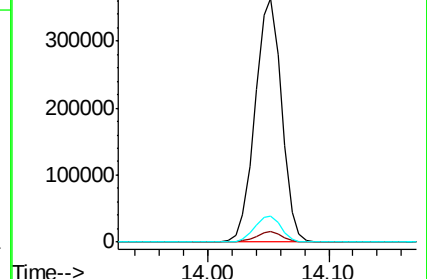
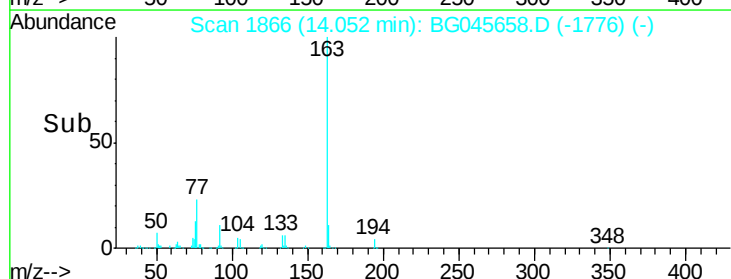
164 10.9 8.3 12.5

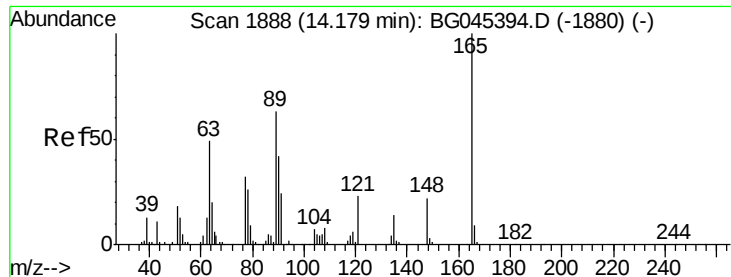


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

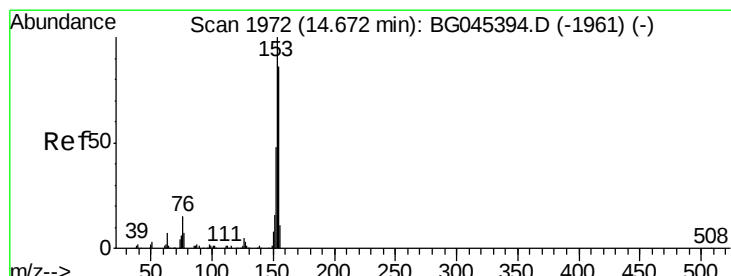
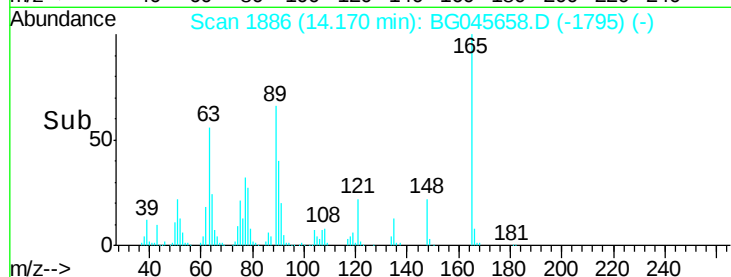
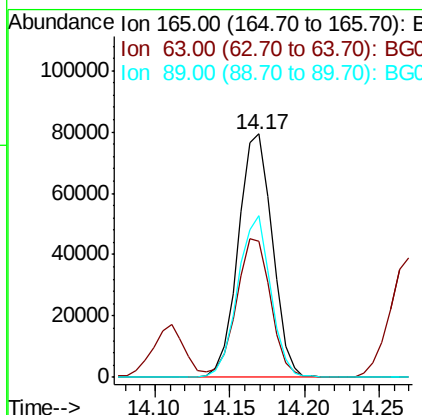
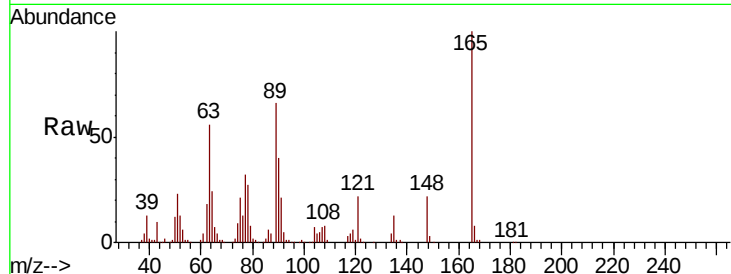




#51
 2,6-Dinitrotoluene
 Concen: 41.790 ng
 RT: 14.17 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BG045658.D
 Acq: 9 Jun 2020 11:02

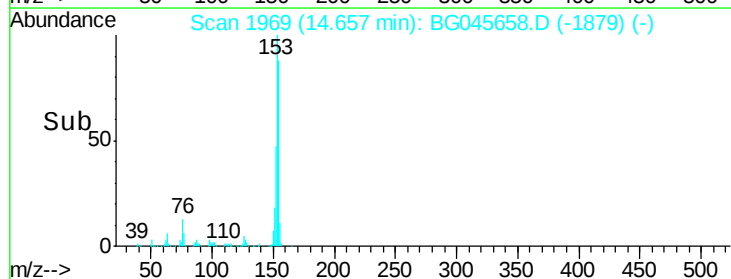
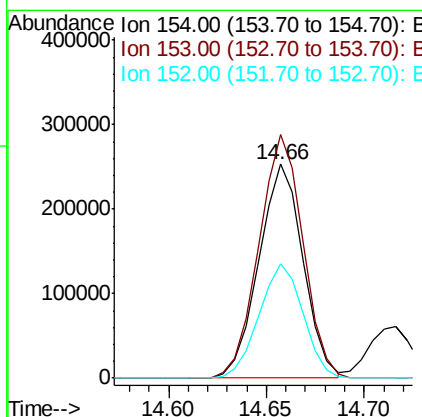
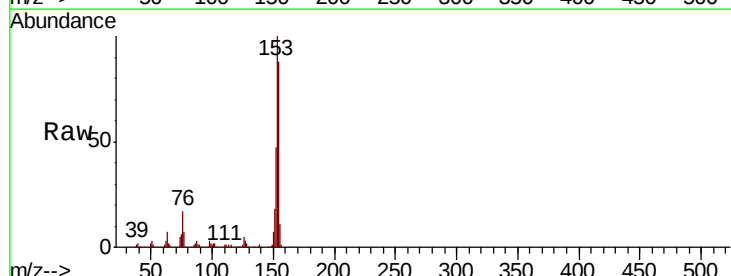
Instrument :
 BNA_G
 ClientSampleId :
 PB129381BS

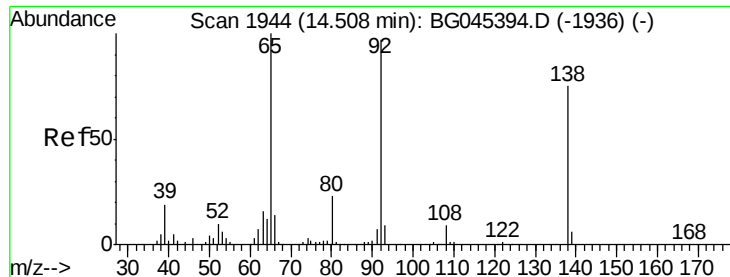
Tot Ion:165 Resp: 125694
 Ion Ratio Lower Upper
 165 100
 63 55.7 45.0 67.4
 89 66.4 50.2 75.4



#52
 Acenaphthene
 Concen: 37.931 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG045658.D
 Acq: 9 Jun 2020 11:02

Tgt Ion:154 Resp: 395395
 Ion Ratio Lower Upper
 154 100
 153 113.8 92.8 139.2
 152 53.4 44.6 66.8

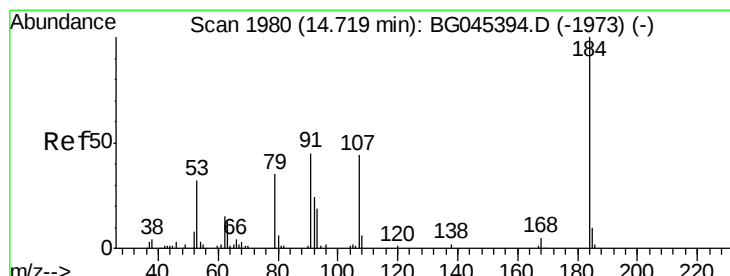
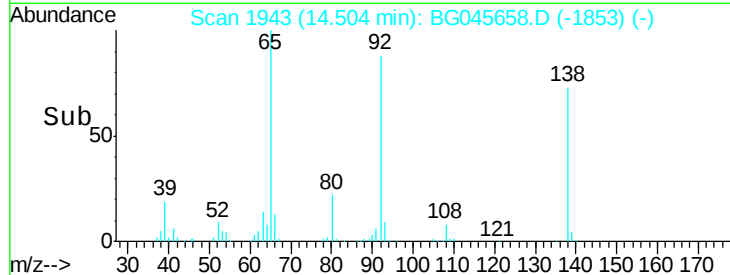
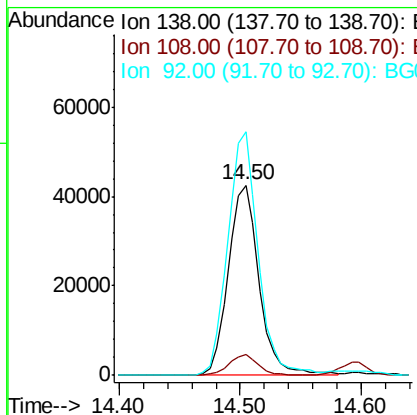
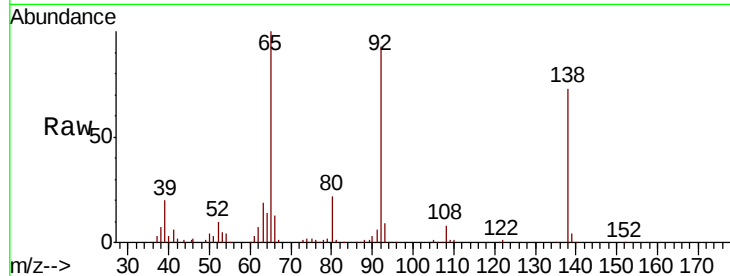




#53
 3-Nitroaniline
 Concen: 24.660 ng
 RT: 14.50 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: BG045658.D
 Acq: 9 Jun 2020 11:02

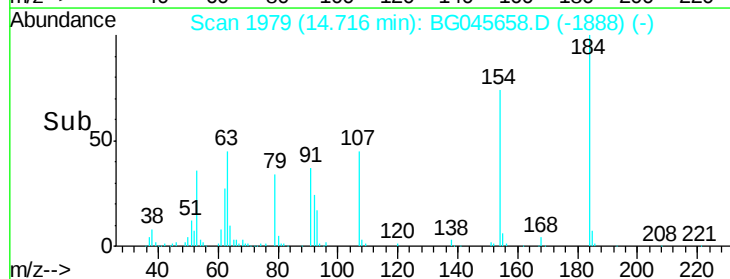
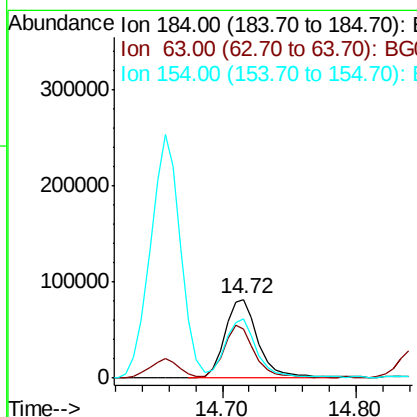
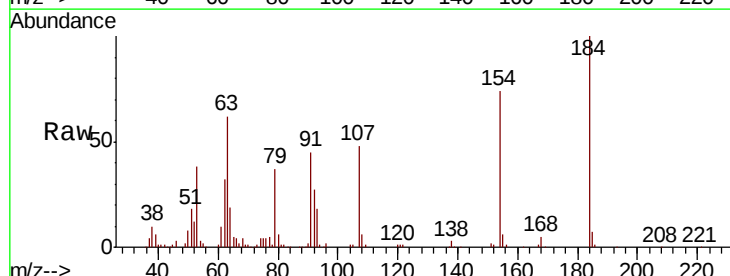
Instrument :
 BNA_G
 ClientSampleId :
 PB129381BS

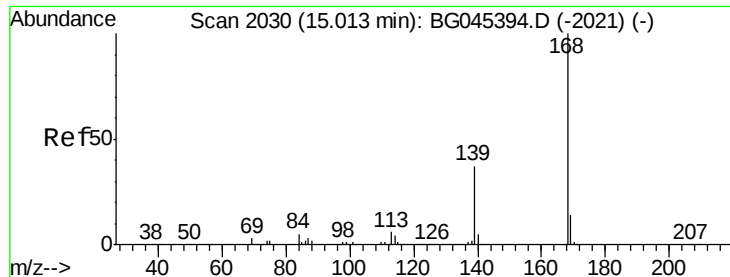
Tot Ion:138 Resp: 75397
 Ion Ratio Lower Upper
 138 100
 108 11.0 9.8 14.6
 92 127.9 103.0 154.4



#54
 2,4-Dinitrophenol
 Concen: 73.233 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: BG045658.D
 Acq: 9 Jun 2020 11:02

Tgt Ion:184 Resp: 143313
 Ion Ratio Lower Upper
 184 100
 63 61.6 47.8 71.6
 154 74.4 58.3 87.5

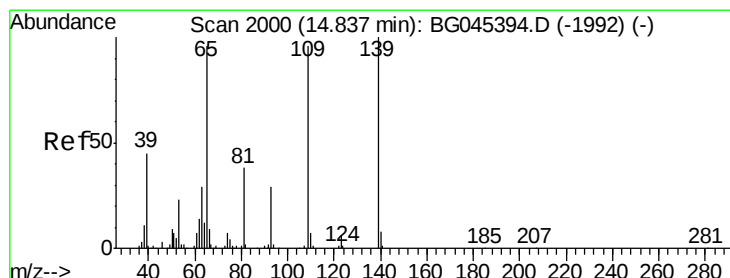
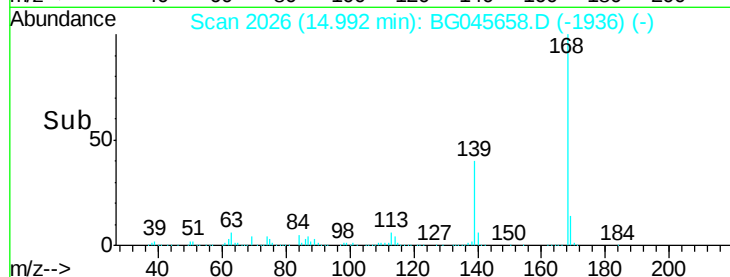
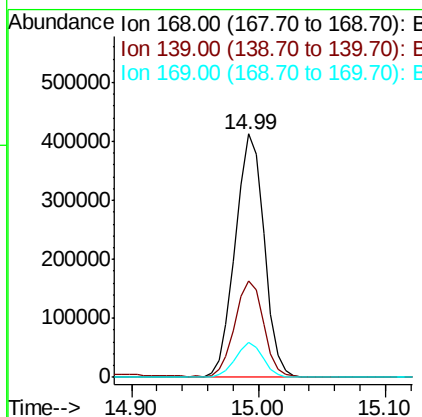
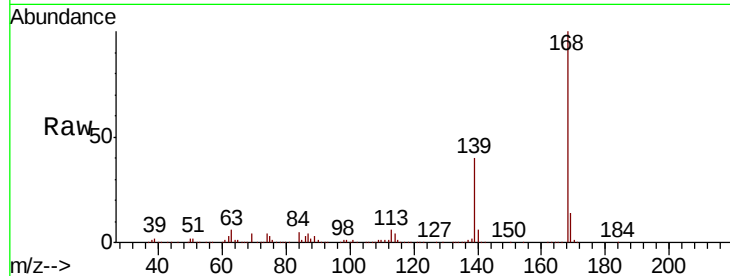




#55
Dibenzofuran
Concen: 42.054 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

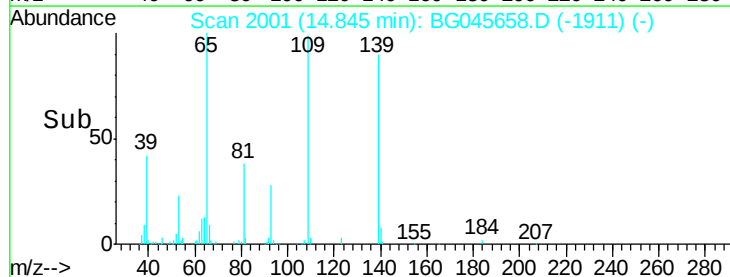
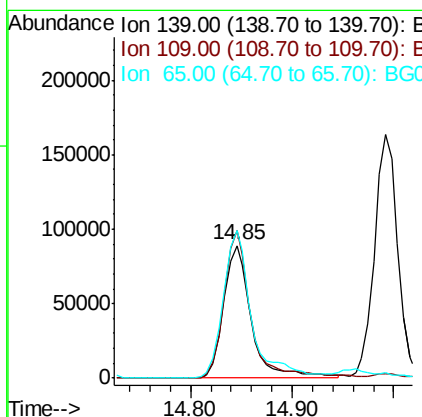
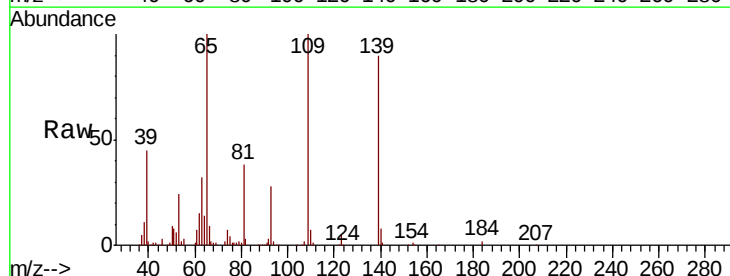
Instrument :
BNA_G
ClientSampleId :
PB129381BS

Tot Ion:168 Resp: 650989
Ion Ratio Lower Upper
168 100
139 39.6 29.9 44.9
169 14.2 10.9 16.3



#56
4-Nitrophenol
Concen: 72.916 ng
RT: 14.85 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion:139 Resp: 168787
Ion Ratio Lower Upper
139 100
109 111.1 75.6 115.6
65 111.1 76.8 116.8

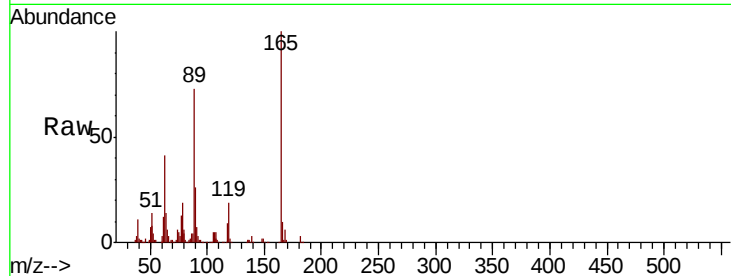




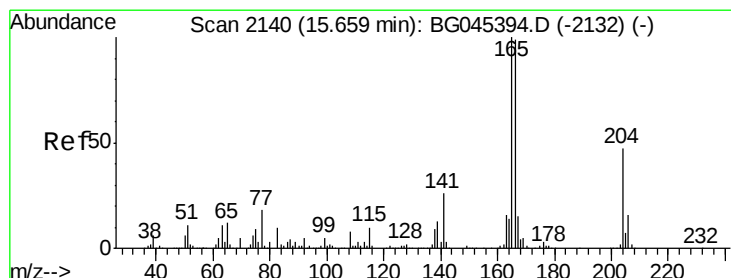
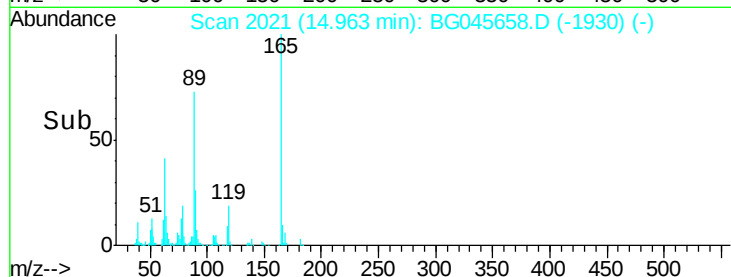
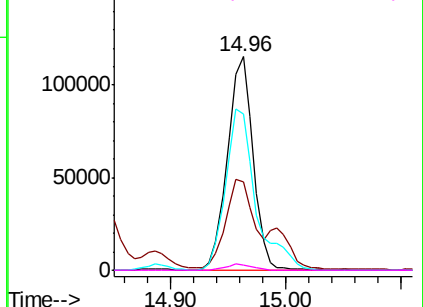
#57
2,4-Dinitrotoluene
Concen: 40.473 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Instrument :
BNA_G
ClientSampleId :
PB129381BS

Tot Ion:165 Resp: 176302
Ion Ratio Lower Upper
165 100
63 41.1 32.5 48.7
89 73.0 61.8 92.6
182 2.6 2.3 3.5

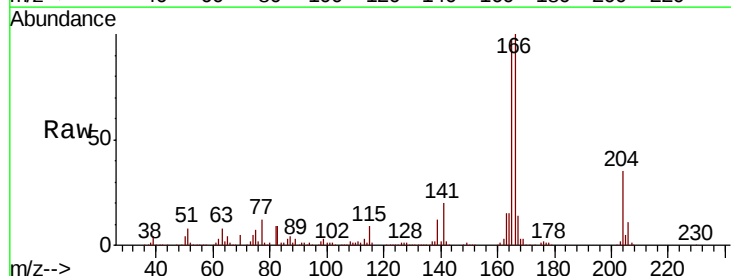


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

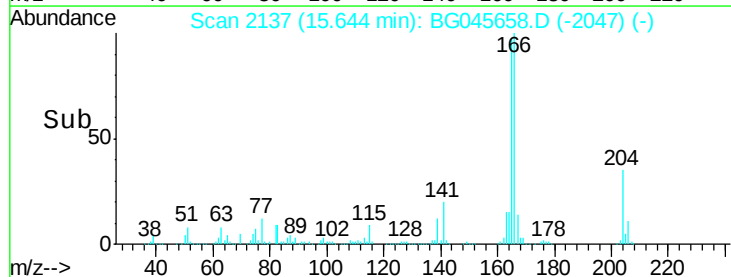
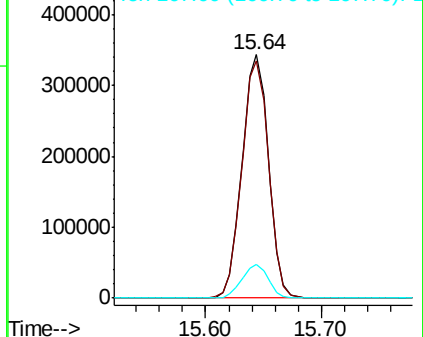


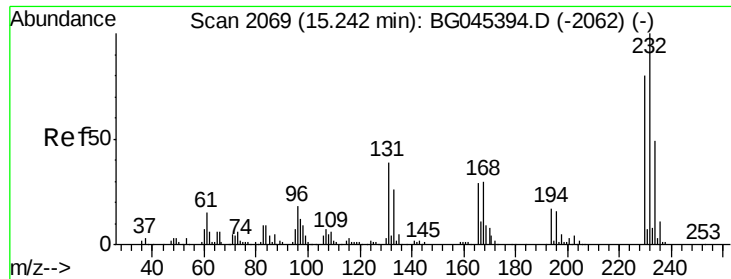
#58
Fluorene
Concen: 42.980 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion:166 Resp: 546600
Ion Ratio Lower Upper
166 100
165 97.3 80.8 121.2
167 13.9 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

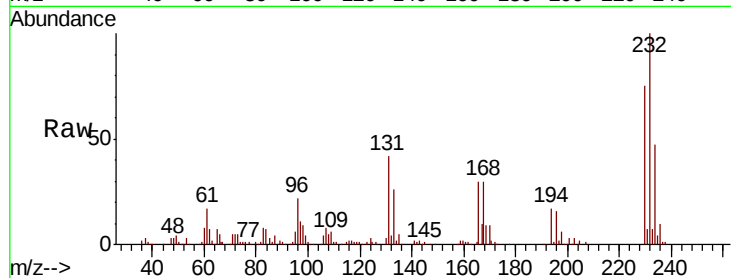




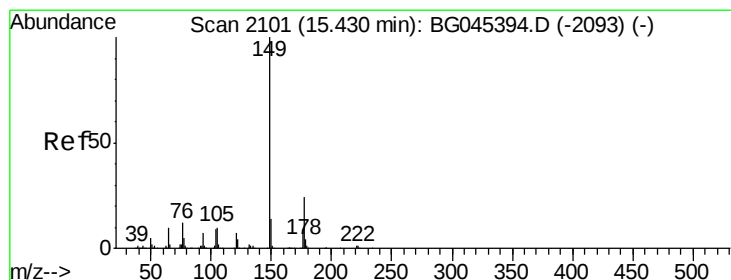
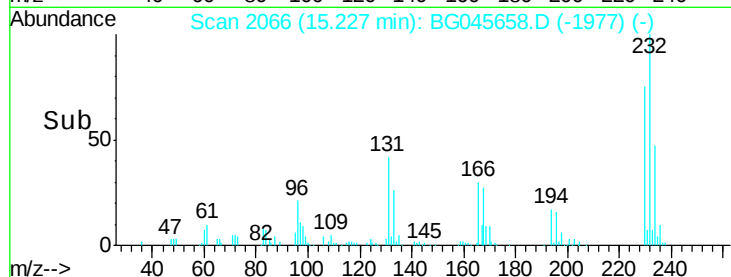
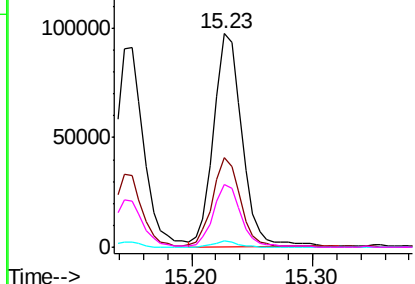
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.673 ng
RT: 15.23 min Scan# 2066
Delta R.T. -0.01 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Instrument :
BNA_G
ClientSampleId :
PB129381BS

Tot Ion:232 Resp: 157953
Ion Ratio Lower Upper
232 100
131 41.2 33.7 50.5
130 2.5 2.1 3.1
166 28.6 23.2 34.8

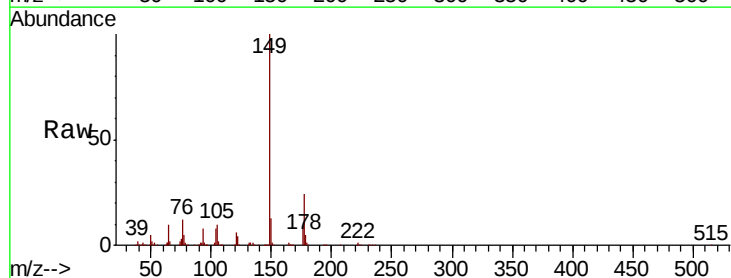


Abundance Ion 232.00 (231.70 to 232.70): E
150000
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

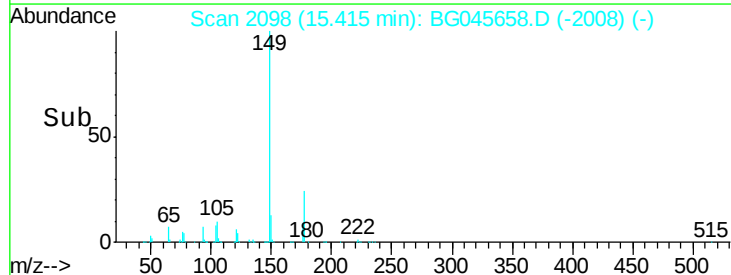
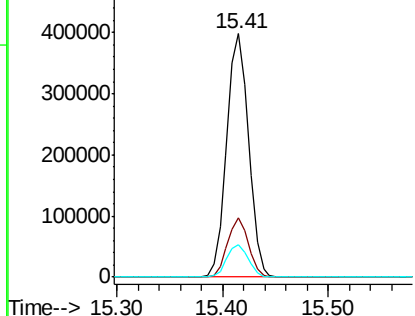


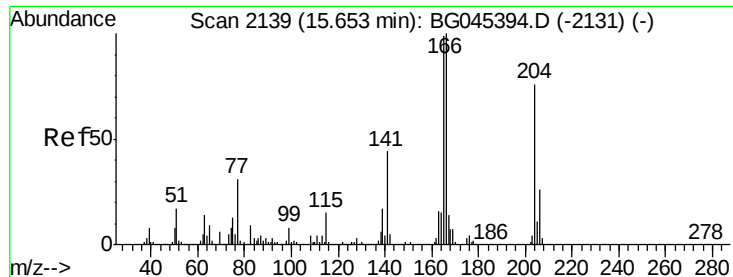
#60
Diethylphthalate
Concen: 40.942 ng
RT: 15.41 min Scan# 2098
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion:149 Resp: 568004
Ion Ratio Lower Upper
149 100
177 24.1 19.0 28.4
150 13.3 11.4 17.0



Abundance Ion 149.00 (148.70 to 149.70): E
500000
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

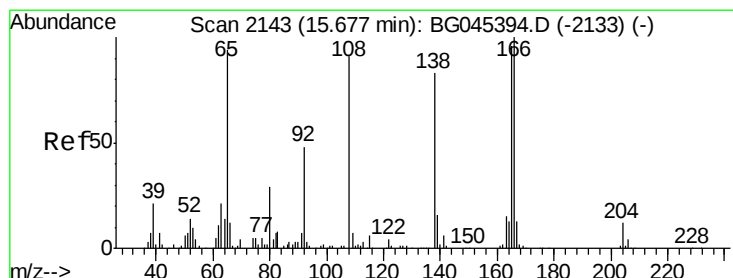
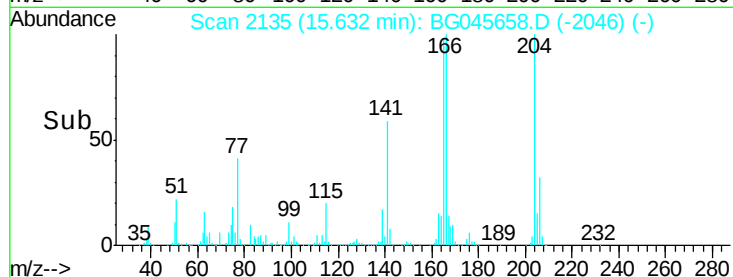
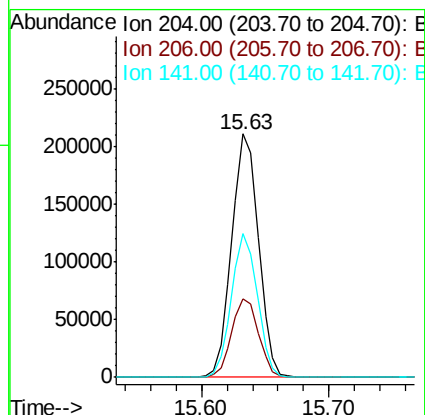
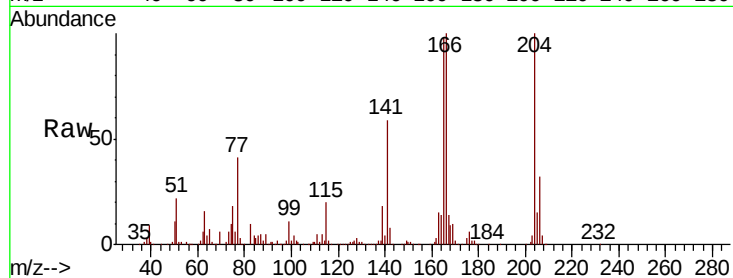




#61
4-Chlorophenyl-phenylether
Concen: 42.058 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

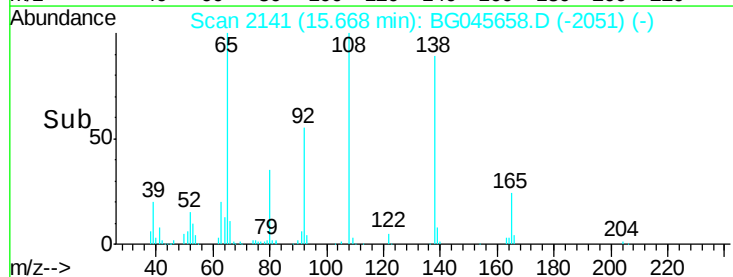
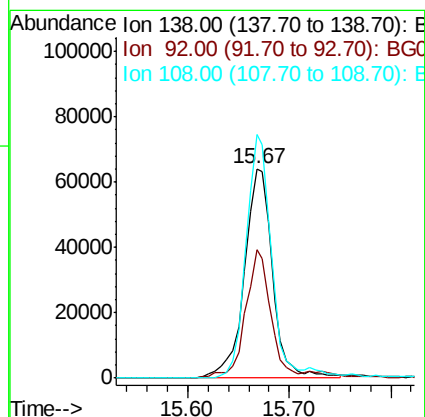
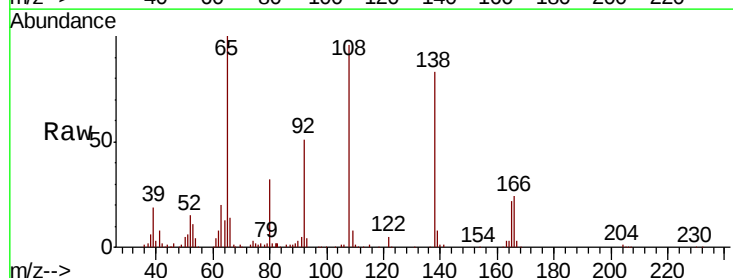
Instrument :
BNA_G
ClientSampled :
PB129381BS

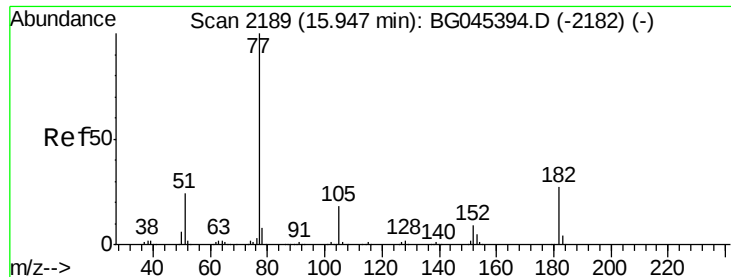
Tot Ion:204 Resp: 306076
Ion Ratio Lower Upper
204 100
206 32.4 27.3 40.9
141 58.8 45.9 68.9



#62
4-Nitroaniline
Concen: 38.680 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion:138 Resp: 123462
Ion Ratio Lower Upper
138 100
92 61.4 38.0 78.0
108 116.2 89.3 129.3

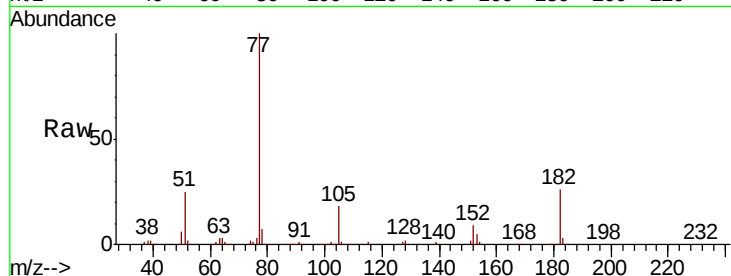




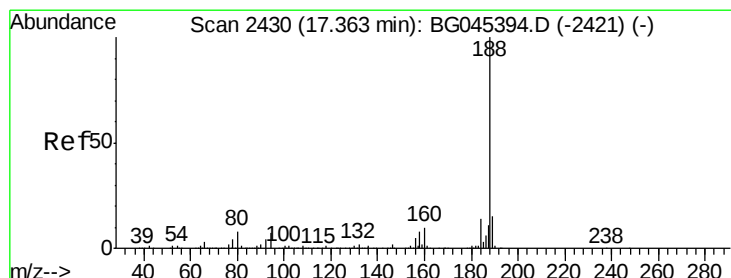
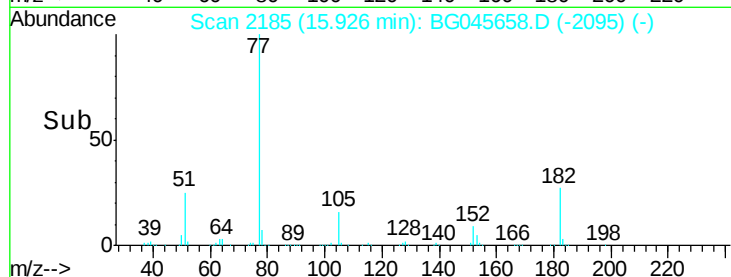
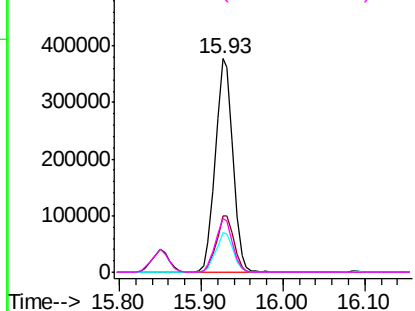
#63
Azobenzene
Concen: 43.622 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Instrument :
BNA_G
ClientSampleId :
PB129381BS

Tot Ion: 77 Resp: 564306
Ion Ratio Lower Upper
77 100
182 26.4 6.5 46.5
105 18.4 0.0 37.9
51 25.2 4.1 44.1

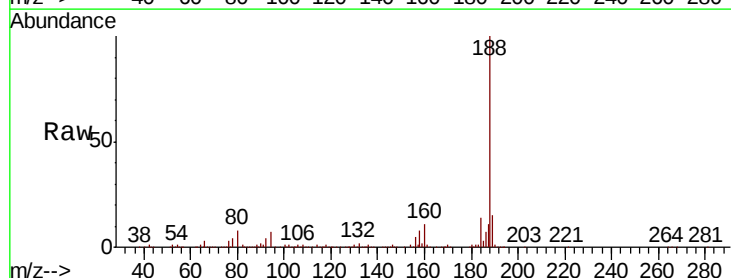


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

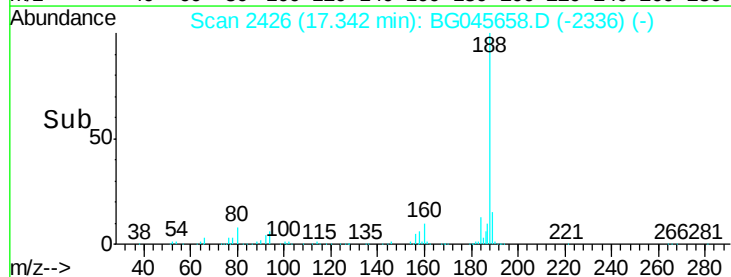
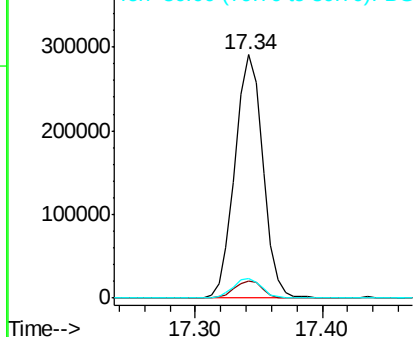


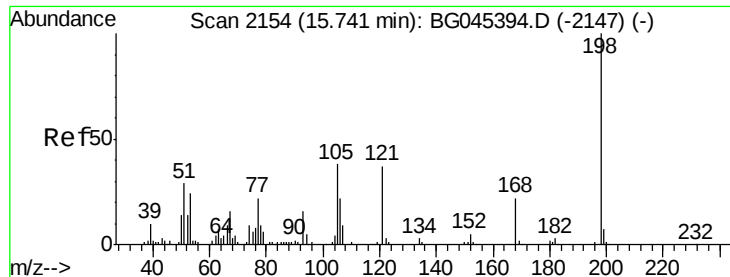
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion: 188 Resp: 445262
Ion Ratio Lower Upper
188 100
94 7.2 5.5 8.3
80 8.2 6.6 10.0



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

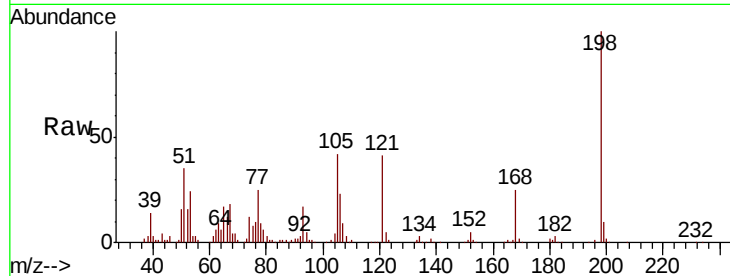




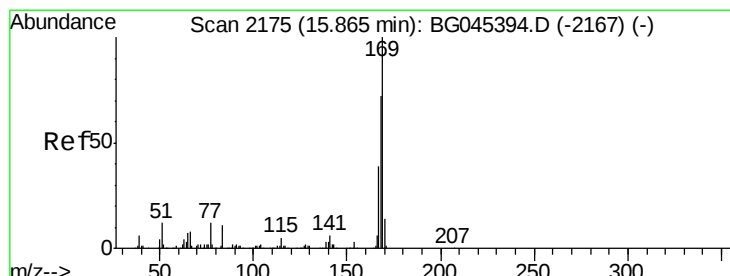
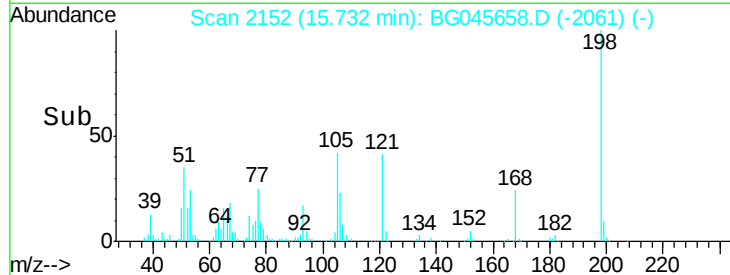
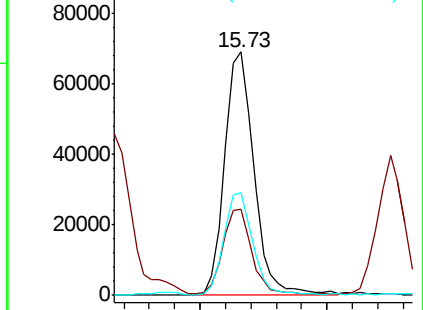
#65
4,6-Dinitro-2-methylphenol
Concen: 42.770 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Instrument :
BNA_G
ClientSampleId :
PB129381BS

Tot Ion:198 Resp: 110912
Ion Ratio Lower Upper
198 100
51 35.3 10.0 50.0
105 42.3 18.9 58.9

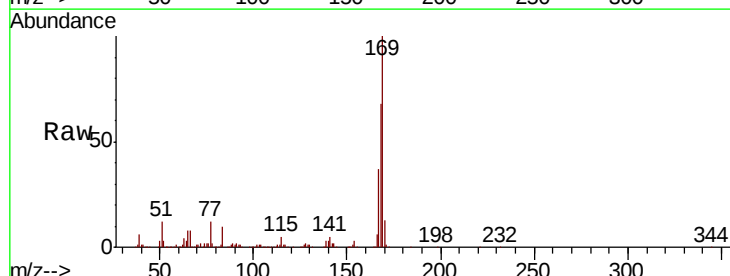


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

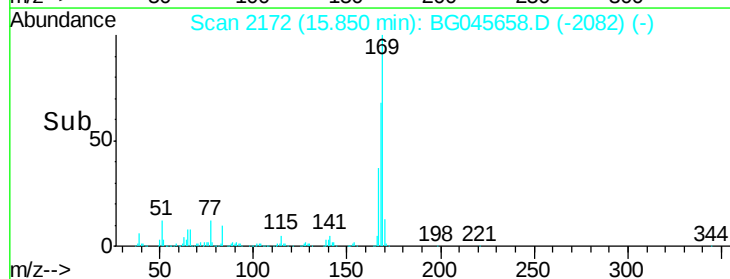
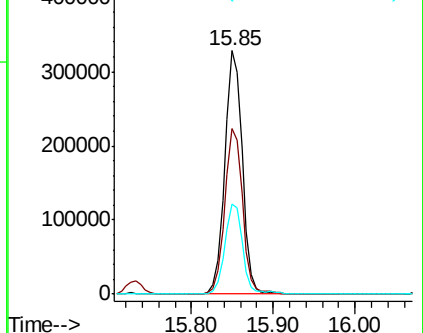


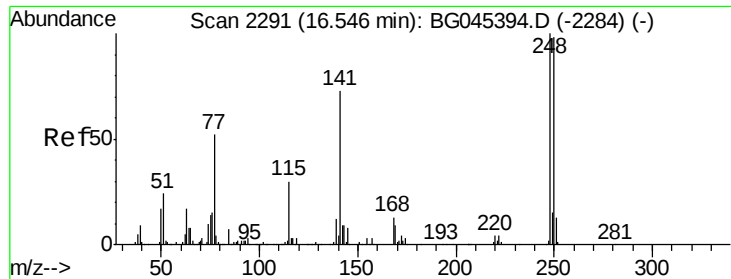
#66
n-Nitrosodiphenylamine
Concen: 45.439 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion:169 Resp: 485777
Ion Ratio Lower Upper
169 100
168 68.1 57.8 86.6
167 37.0 31.5 47.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

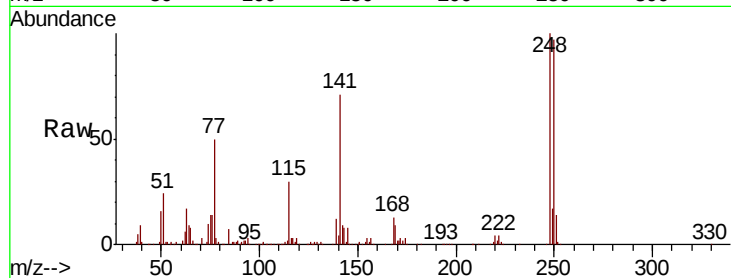




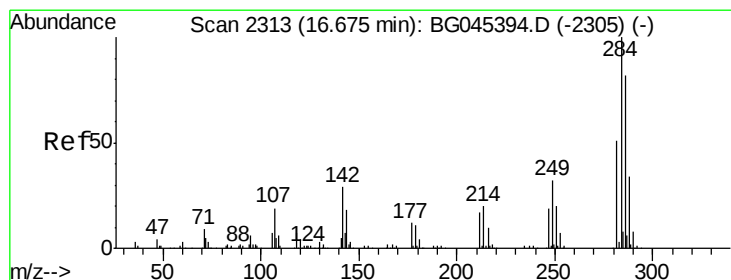
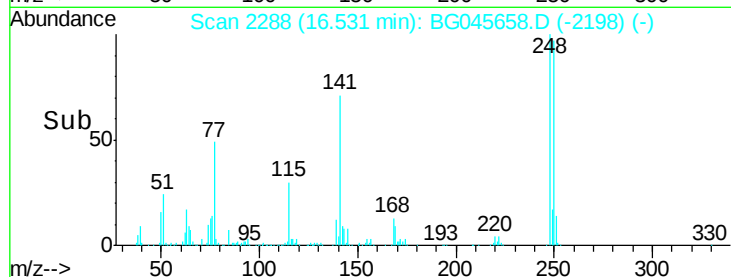
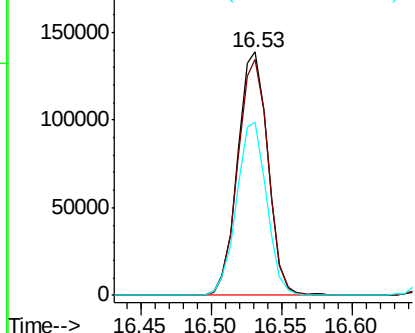
#67
4-Bromophenyl-phenylether
Concen: 43.093 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Instrument :
BNA_G
ClientSampled :
PB129381BS

Tot Ion:248 Resp: 207770
Ion Ratio Lower Upper
248 100
250 97.1 78.6 117.8
141 71.4 58.2 87.2

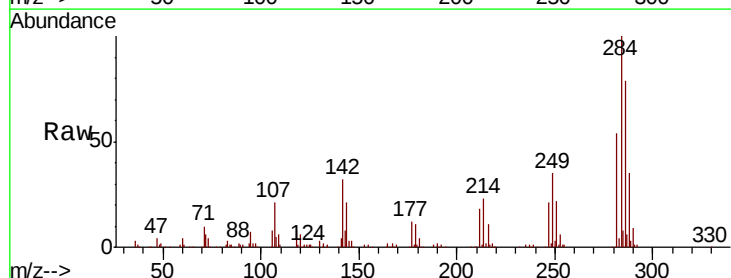


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

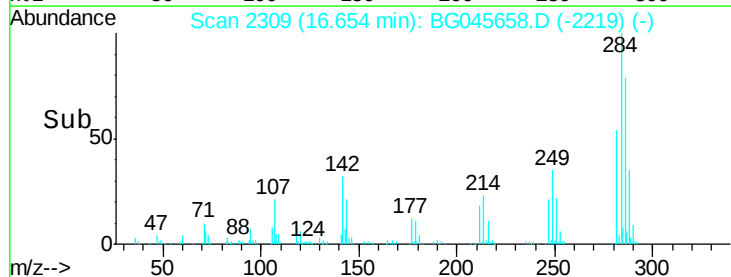
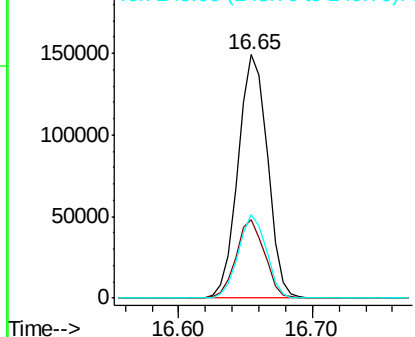


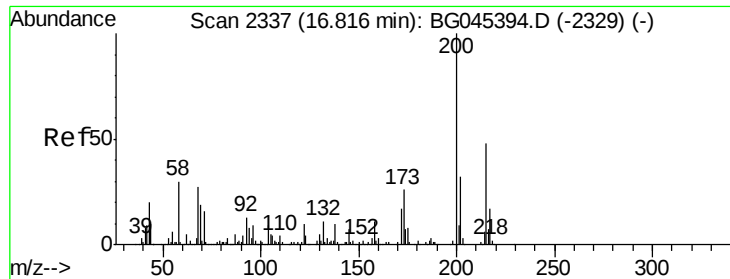
#68
Hexachlorobenzene
Concen: 45.025 ng
RT: 16.65 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion:284 Resp: 227052
Ion Ratio Lower Upper
284 100
142 32.1 23.0 34.6
249 34.5 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

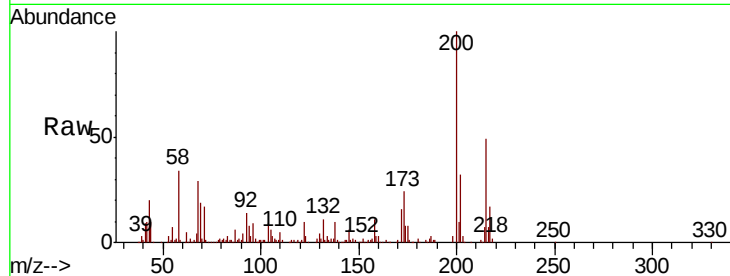




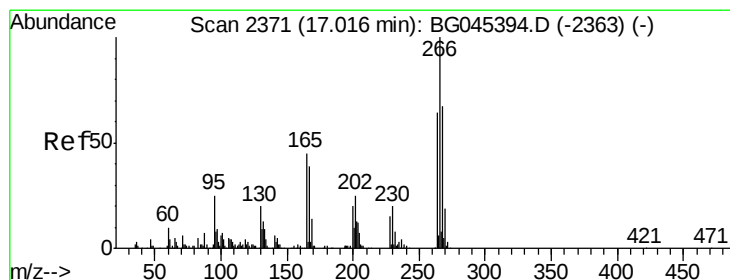
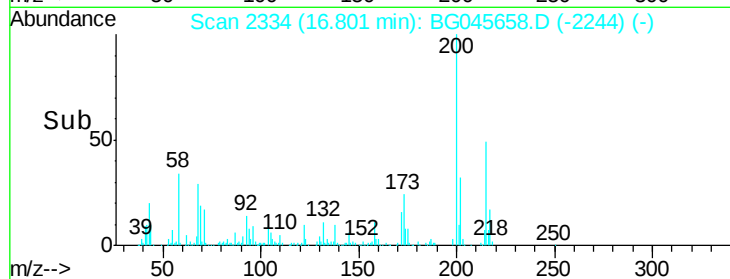
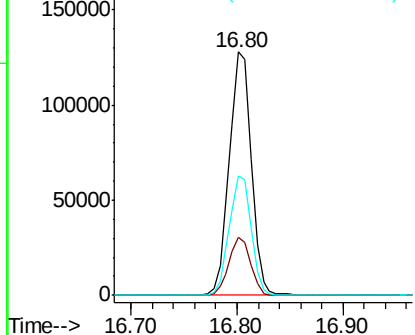
#69
Atrazine
Concen: 41.768 ng
RT: 16.80 min Scan# 2334
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Instrument :
BNA_G
ClientSampleId :
PB129381BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.7	5.5	45.5
215	49.0	28.2	68.2

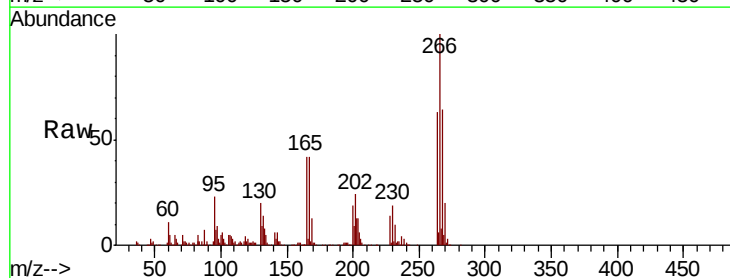


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

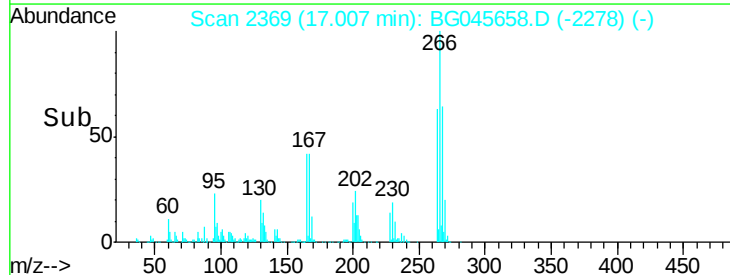
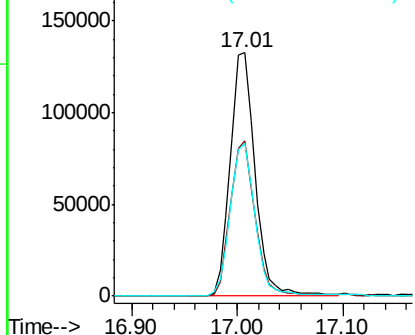


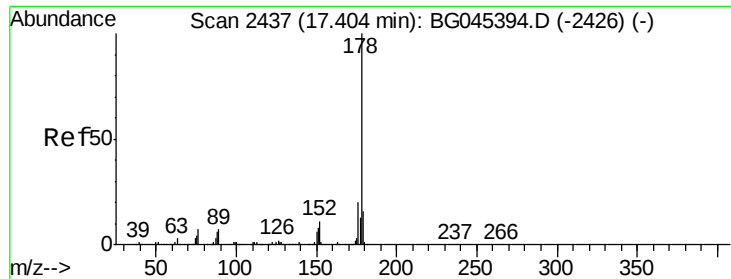
#70
Pentachlorophenol
Concen: 82.464 ng
RT: 17.01 min Scan# 2369
Delta R.T. 0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	53.2	79.8
264	62.8	51.0	76.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

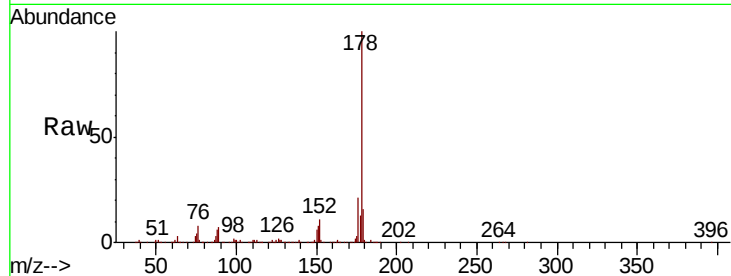




#71
Phenanthrene
Concen: 44.352 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Instrument :
BNA_G
ClientSampleId :
PB129381BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	16.2	13.1	19.7

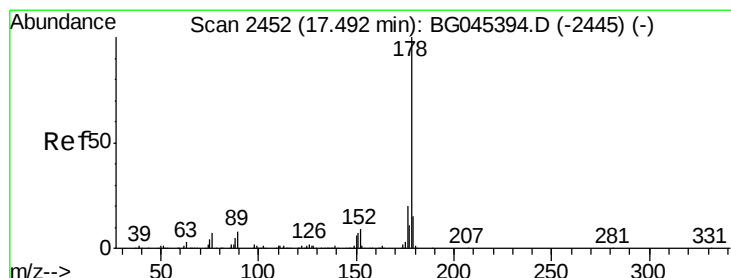
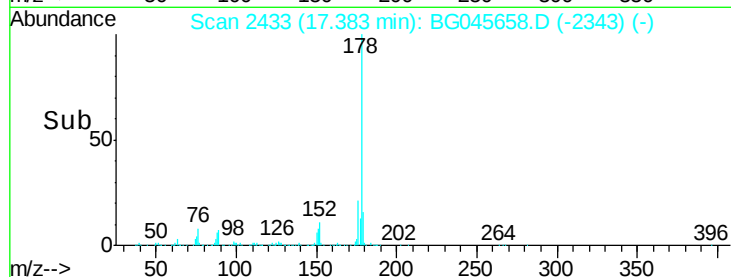
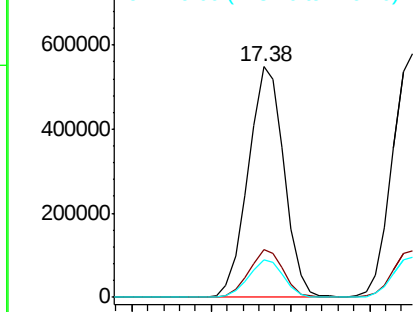


Abundance

Ion 178.00 (177.70 to 178.70): E

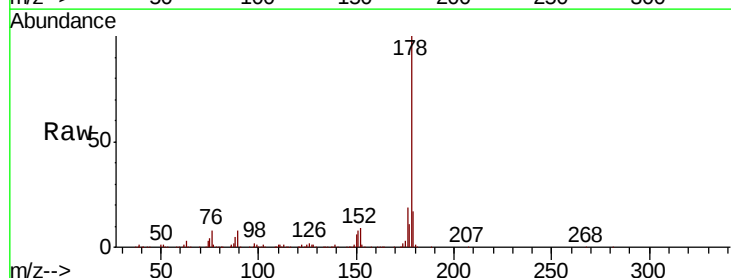
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 45.910 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG045658.D
Acq: 9 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	16.6	12.2	18.4

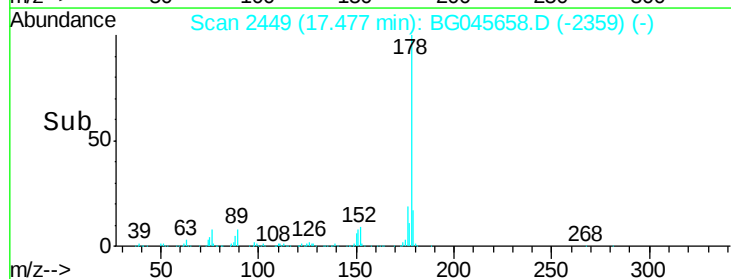
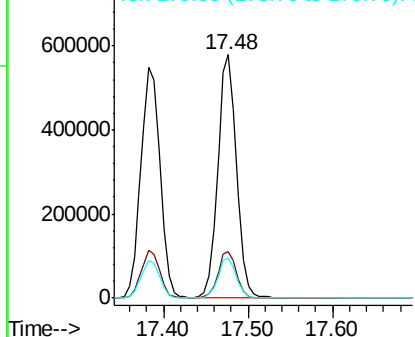


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

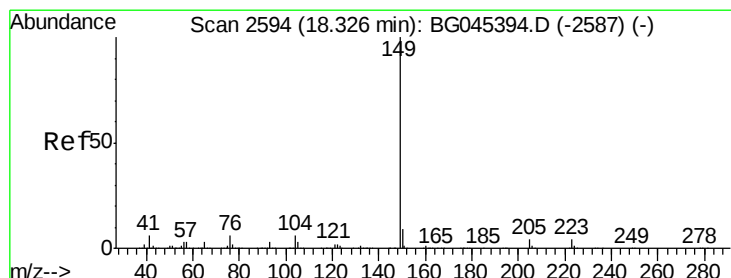
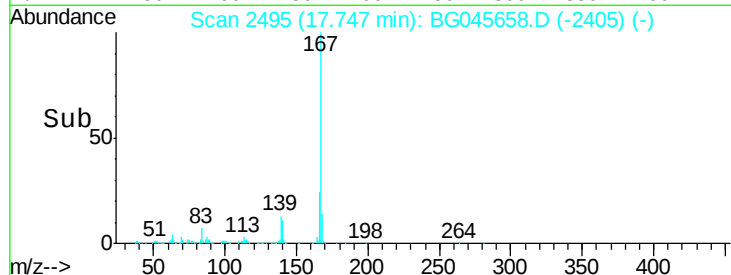
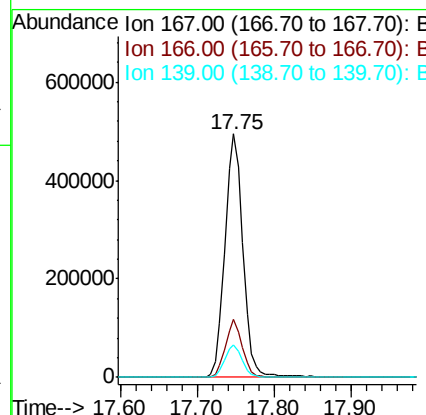
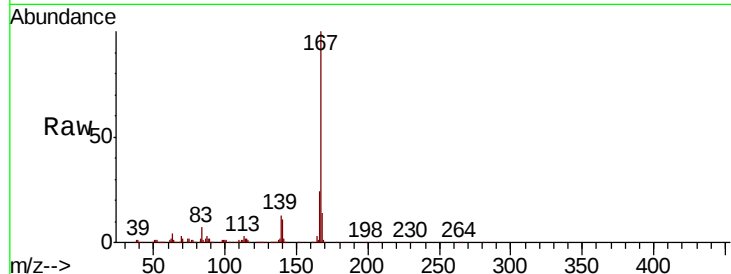




#73
 Carbazole
 Concen: 42.370 ng
 RT: 17.75 min Scan# 2495
 Delta R.T. -0.00 min
 Lab File: BG045658.D
 Acq: 9 Jun 2020 11:02

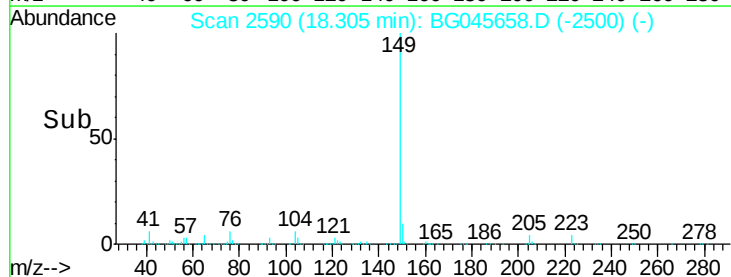
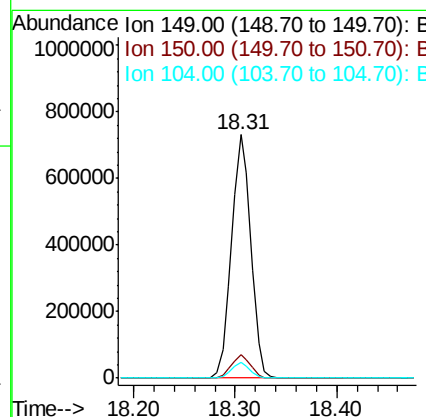
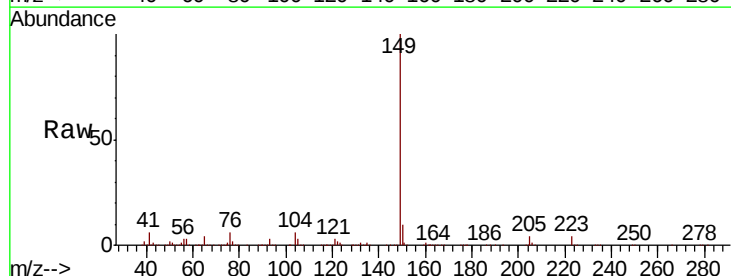
Instrument :
 BNA_G
 ClientSampleId :
 PB129381BS

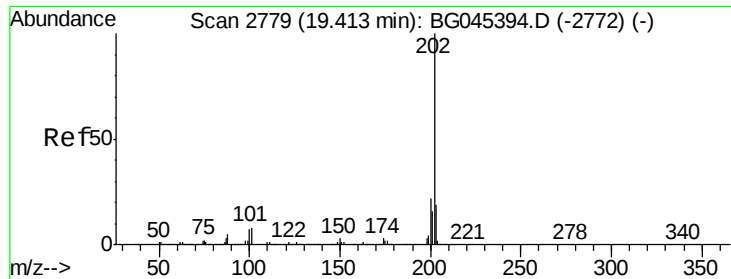
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.7	19.2	28.8
139	13.4	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 42.231 ng
 RT: 18.31 min Scan# 2590
 Delta R.T. -0.00 min
 Lab File: BG045658.D
 Acq: 9 Jun 2020 11:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.6	11.4
104	6.3	5.0	7.4





#75

Fluoranthene

Concen: 43.125 ng

RT: 19.40 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Instrument :

BNA_G

ClientSampleId :

PB129381BS

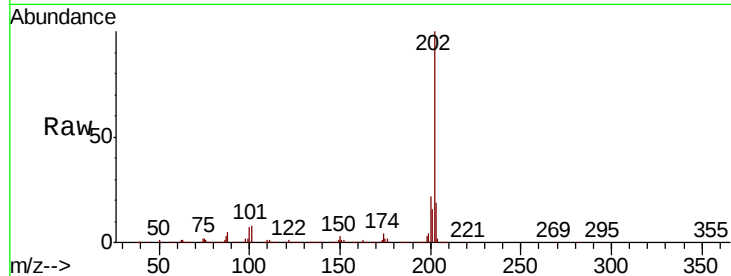
Tot Ion:202 Resp: 1066235

Ion Ratio Lower Upper

202 100

101 8.3 0.0 28.3

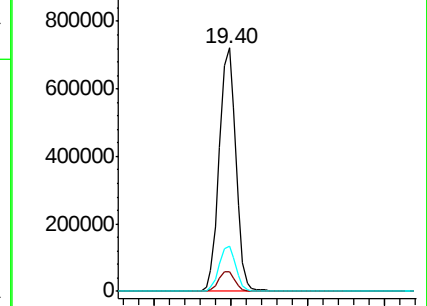
203 18.8 0.0 39.0



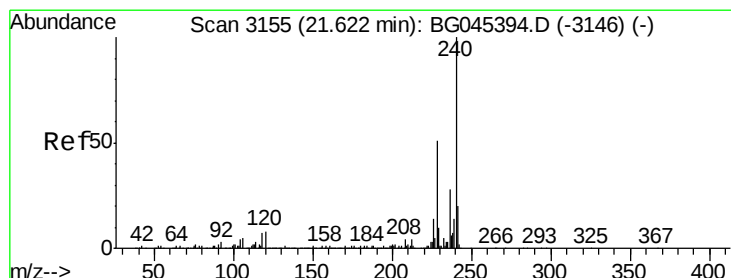
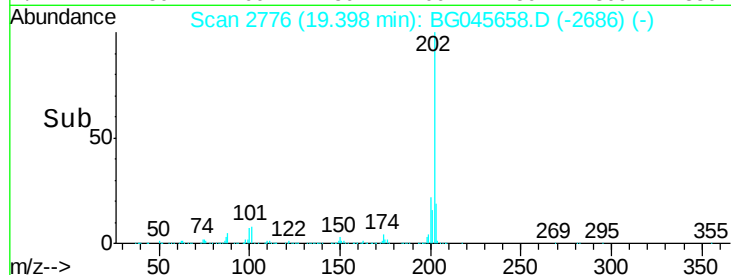
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.61 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

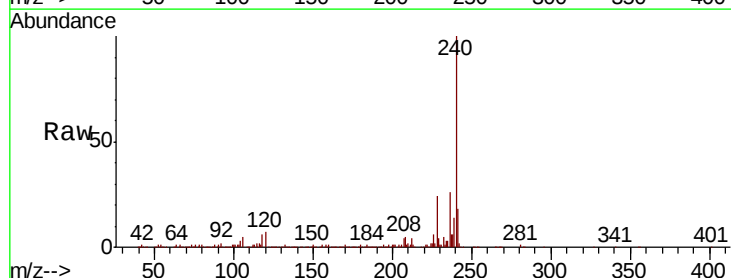
Tgt Ion:240 Resp: 413469

Ion Ratio Lower Upper

240 100

120 6.7 6.1 9.1

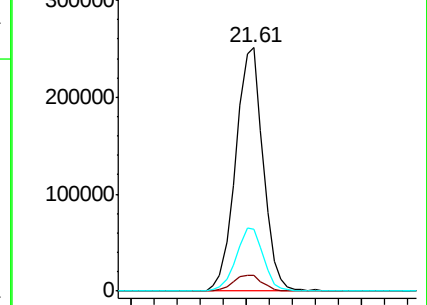
236 25.5 22.3 33.5



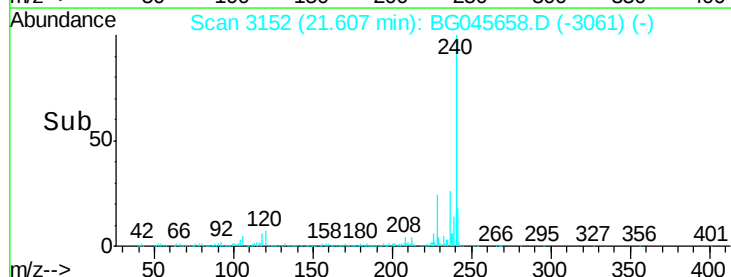
Abundance Ion 240.00 (239.70 to 240.70): E

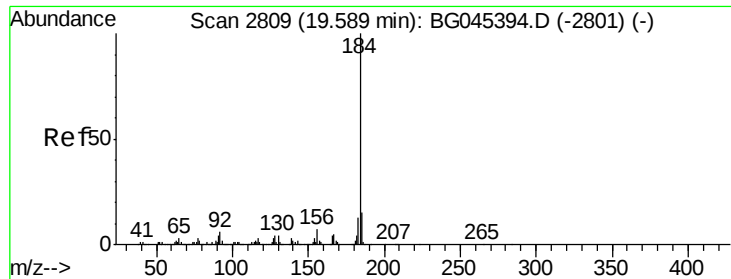
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 35.659 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Instrument :

BNA_G

ClientSampleId :

PB129381BS

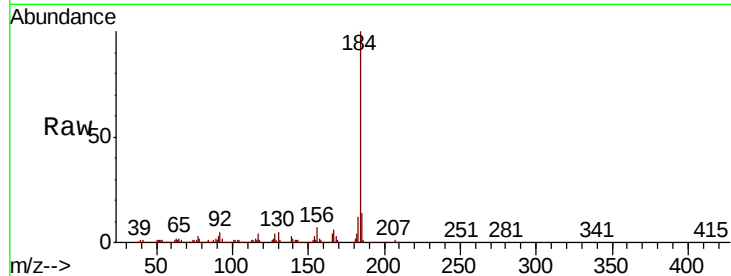
Tot Ion:184 Resp: 414092

Ion Ratio Lower Upper

184 100

185 14.3 11.7 17.5

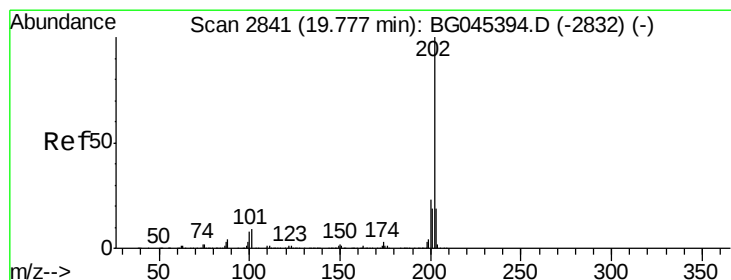
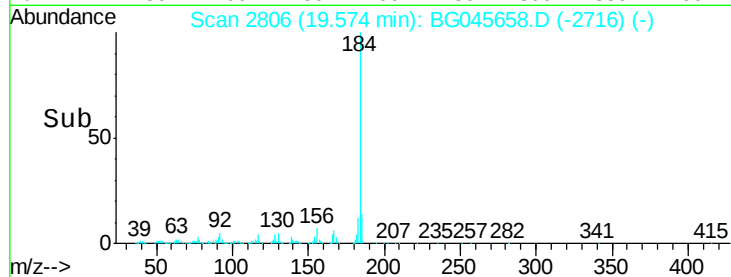
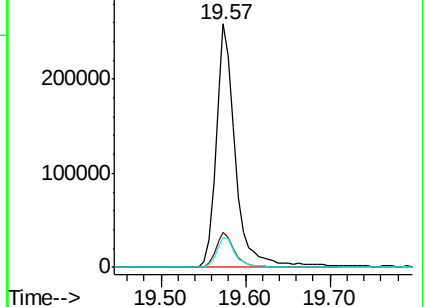
183 12.3 10.2 15.4



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



#78

Pyrene

Concen: 45.031 ng

RT: 19.76 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

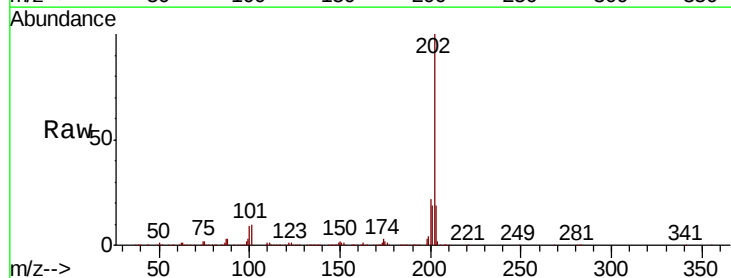
Tgt Ion:202 Resp: 1061356

Ion Ratio Lower Upper

202 100

200 22.3 18.2 27.2

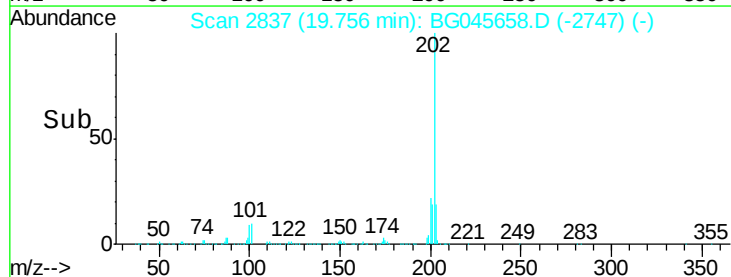
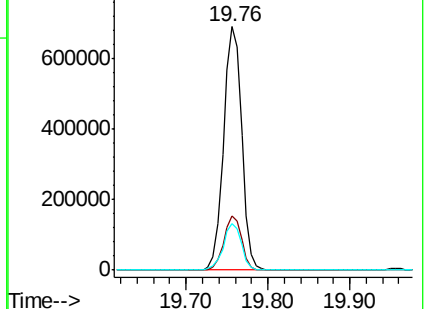
203 18.9 15.1 22.7

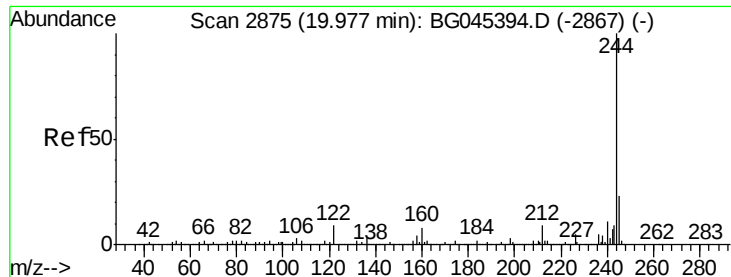


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 93.067 ng

RT: 19.96 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Instrument :

BNA_G

ClientSampleId :

PB129381BS

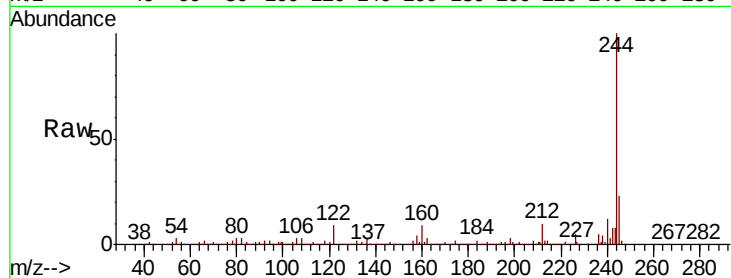
Tot Ion:244 Resp: 1649884

Ion Ratio Lower Upper

244 100

212 9.6 7.4 11.0

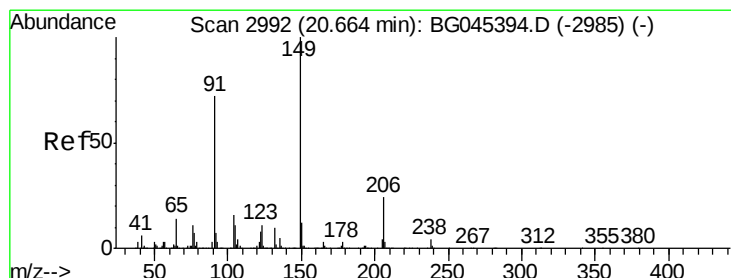
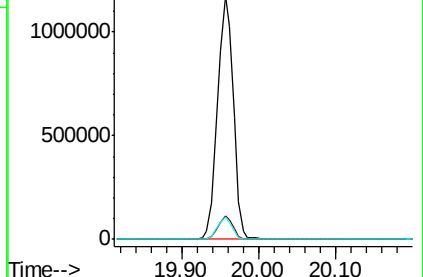
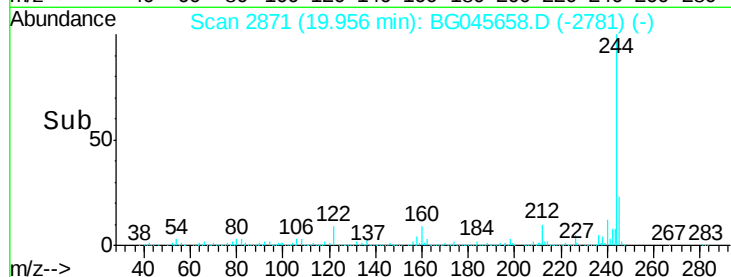
122 8.9 6.8 10.2



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: 41.442 ng

RT: 20.64 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

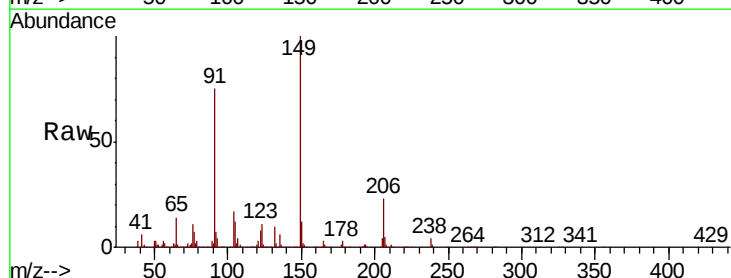
Tgt Ion:149 Resp: 421600

Ion Ratio Lower Upper

149 100

91 74.9 57.8 86.6

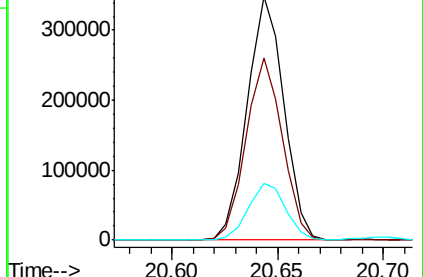
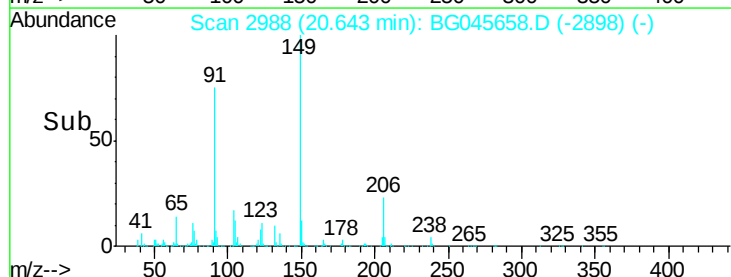
206 23.4 19.1 28.7

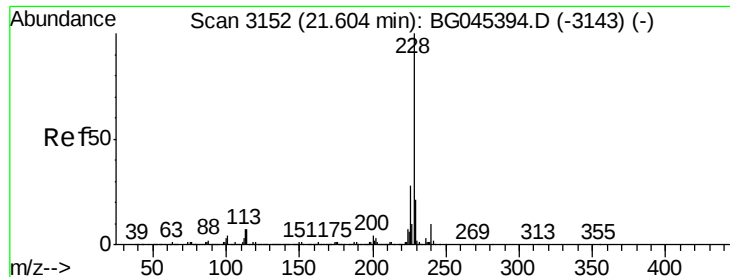


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.555 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Instrument :

BNA_G

ClientSampleId :

PB129381BS

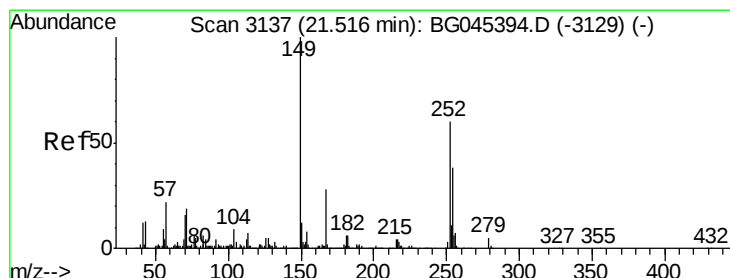
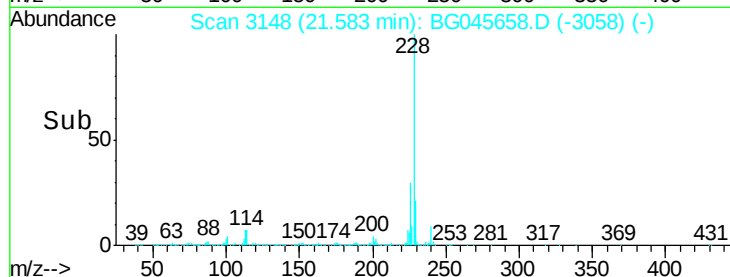
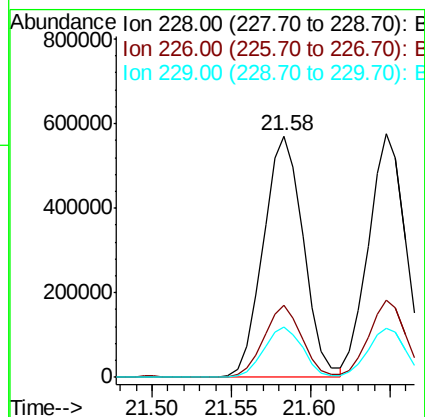
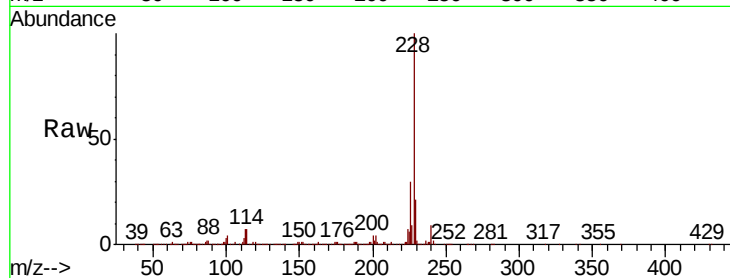
Tot Ion:228 Resp: 1003197

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.7	34.1
229	21.1	16.7	25.1

228 100

226 29.7 22.7 34.1

229 21.1 16.7 25.1



#82

3,3'-Dichlorobenzidine

Concen: 27.850 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

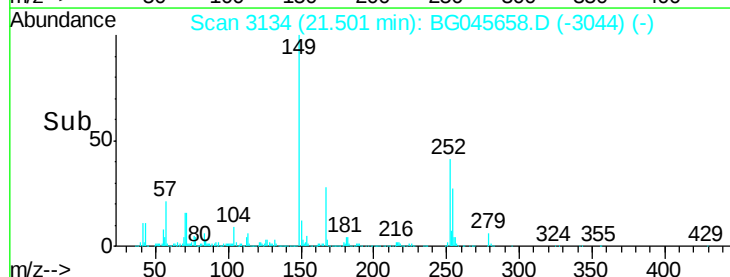
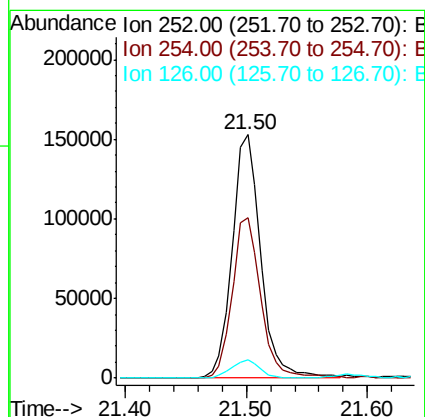
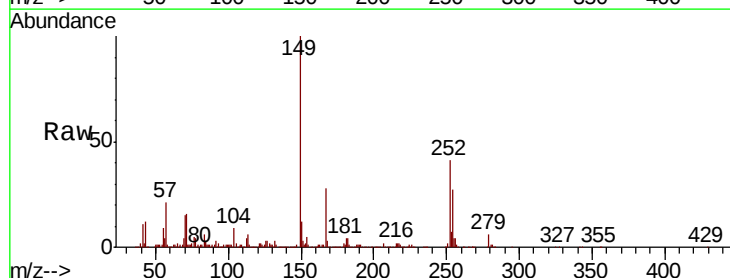
Tgt Ion:252 Resp: 251626

Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.3	76.9
126	7.5	6.6	10.0

252 100

254 66.1 51.3 76.9

126 7.5 6.6 10.0





#83

Chrysene

Concen: 42.518 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Instrument :

BNA_G

ClientSampleId :

PB129381BS

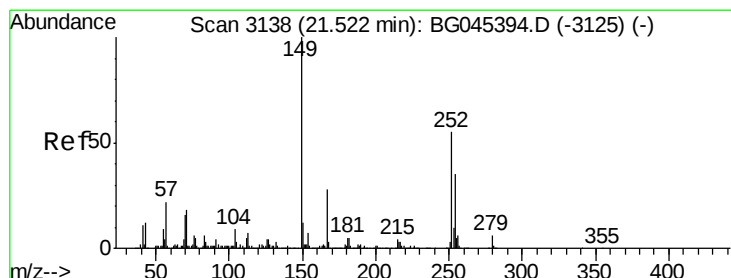
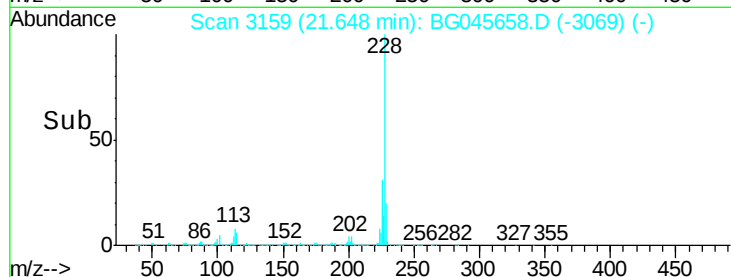
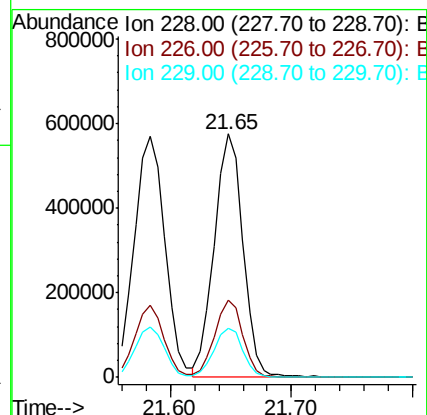
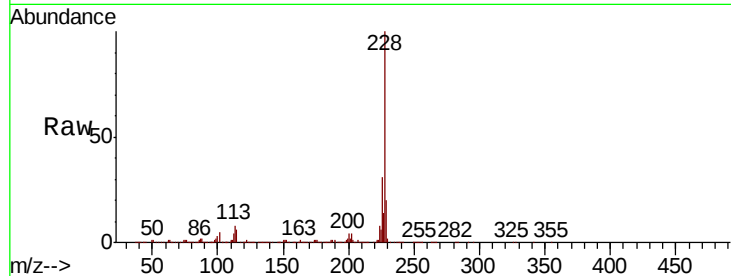
Tot Ion:228 Resp: 941656

Ion Ratio Lower Upper

228 100

226 31.5 25.2 37.8

229 20.2 16.7 25.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.875 ng

RT: 21.50 min Scan# 3133

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

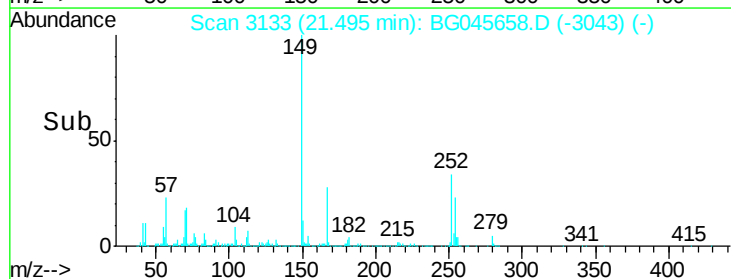
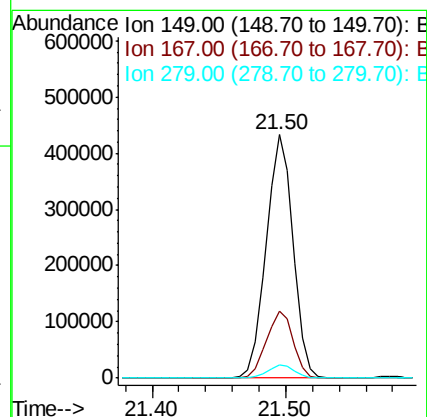
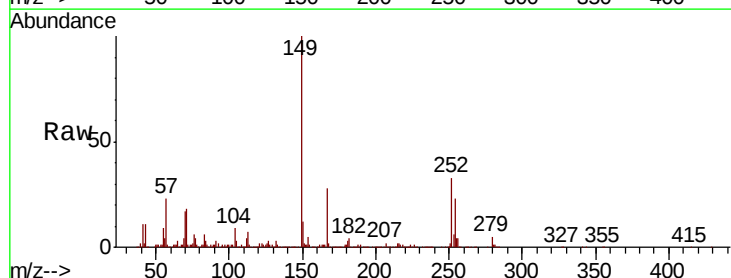
Tgt Ion:149 Resp: 599583

Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.2

279 5.4 4.7 7.1





#85

Di-n-octyl phthalate

Concen: 41.604 ng

RT: 22.68 min Scan# 3335

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Instrument :

BNA_G

ClientSampleId :

PB129381BS

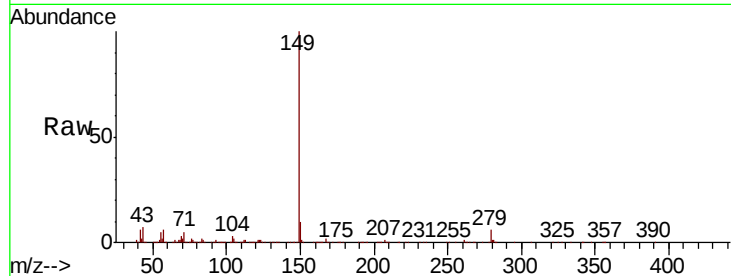
Tot Ion:149 Resp: 999271

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

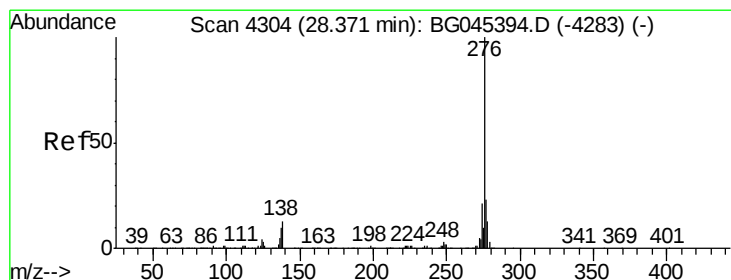
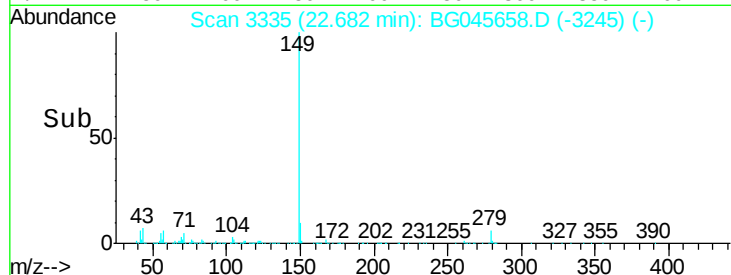
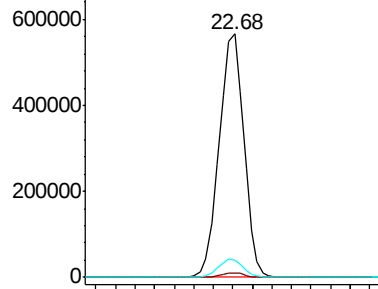
43 7.4 5.8 8.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.661 ng

RT: 28.32 min Scan# 4295

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

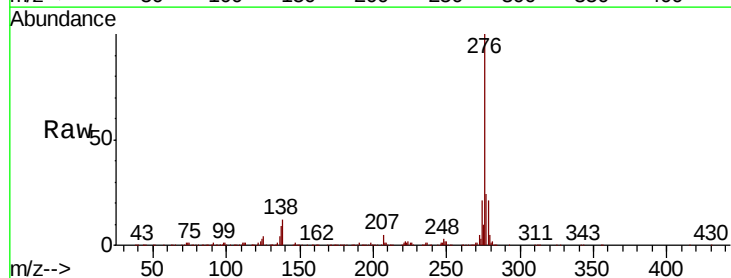
Tgt Ion:276 Resp: 1235519

Ion Ratio Lower Upper

276 100

138 15.0 8.6 12.8#

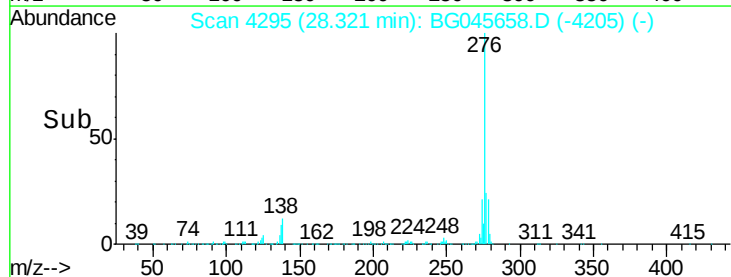
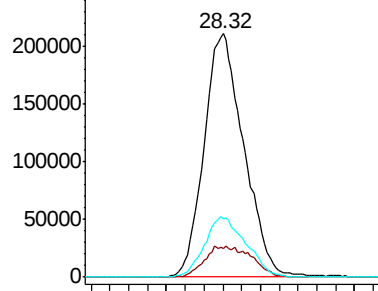
277 25.9 20.2 30.4

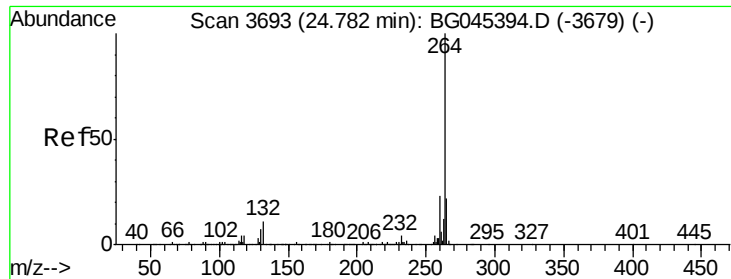


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.74 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Instrument :

BNA_G

ClientSampleId :

PB129381BS

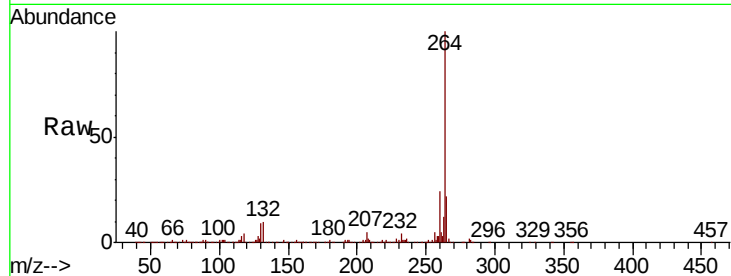
Tot Ion:264 Resp: 449603

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

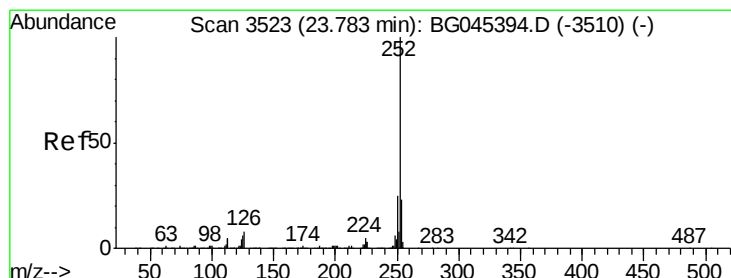
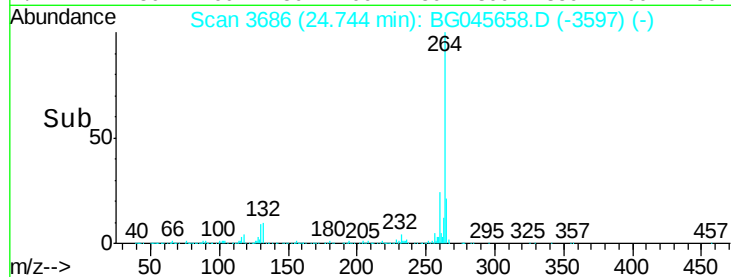
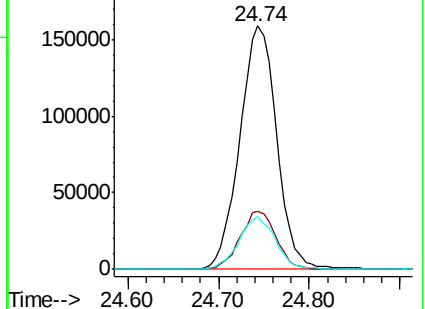
265 21.8 17.6 26.4



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



#88

Benzo(b)fluoranthene

Concen: 44.706 ng

RT: 23.76 min Scan# 3518

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

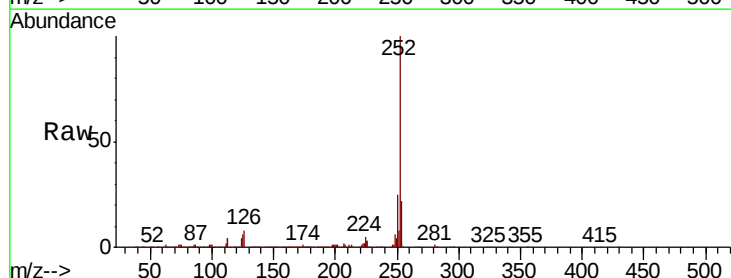
Tgt Ion:252 Resp: 1077995

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

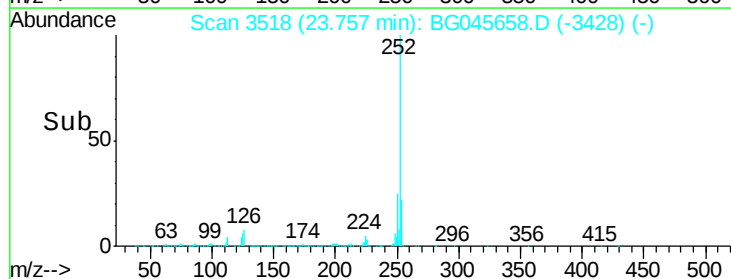
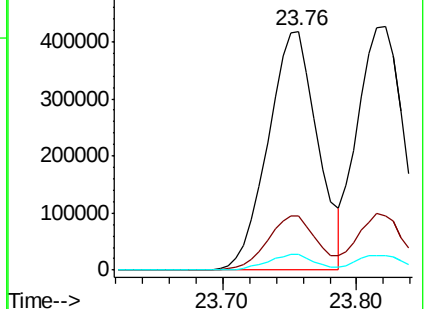
125 6.4 5.0 7.6

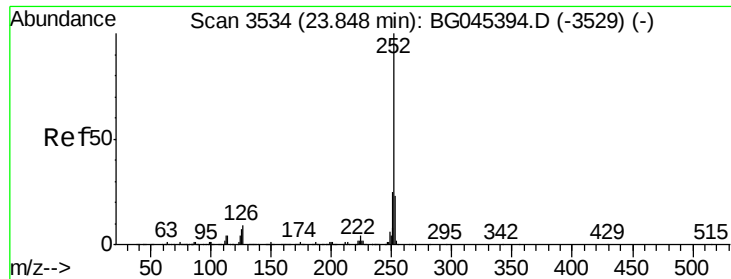


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 45.336 ng

RT: 23.82 min Scan# 3529

Delta R.T. -0.00 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

Instrument :

BNA_G

ClientSampleId :

PB129381BS

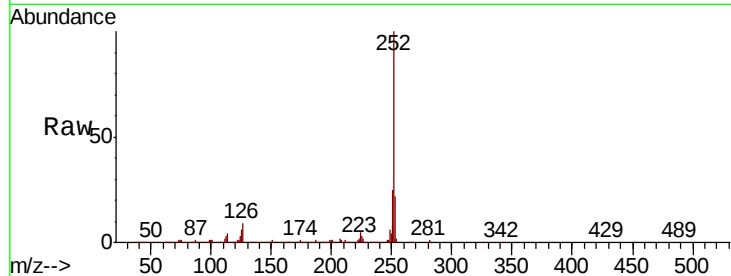
Tot Ion:252 Resp: 1027031

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

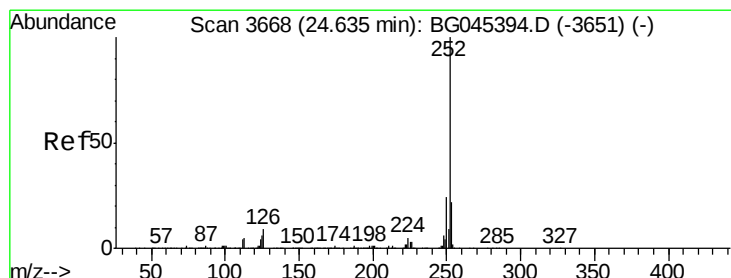
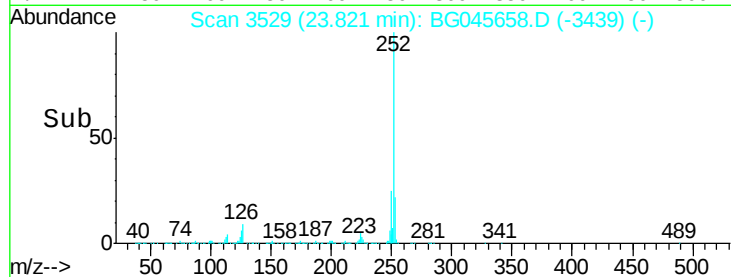
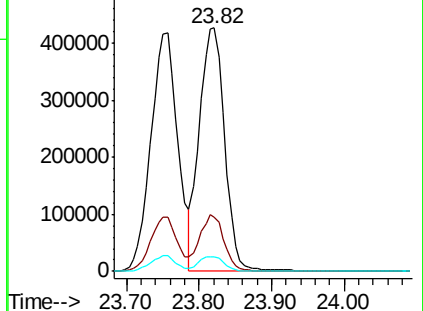
125 5.9 5.7 8.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.347 ng

RT: 24.60 min Scan# 3661

Delta R.T. -0.01 min

Lab File: BG045658.D

Acq: 9 Jun 2020 11:02

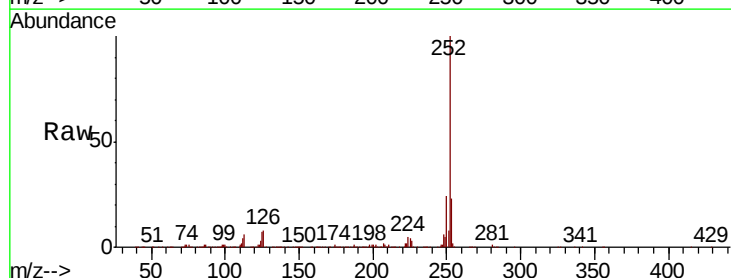
Tgt Ion:252 Resp: 973442

Ion Ratio Lower Upper

252 100

253 23.3 17.2 25.8

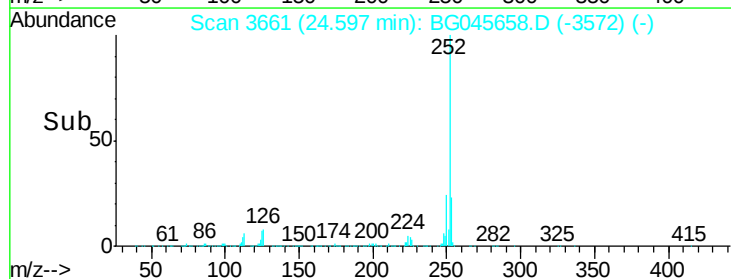
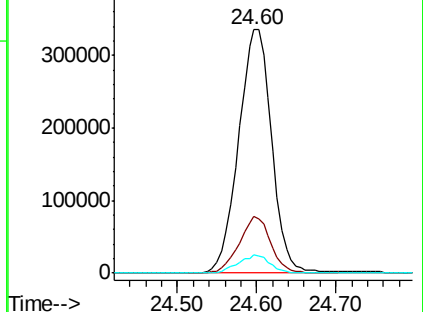
125 7.4 5.0 7.6

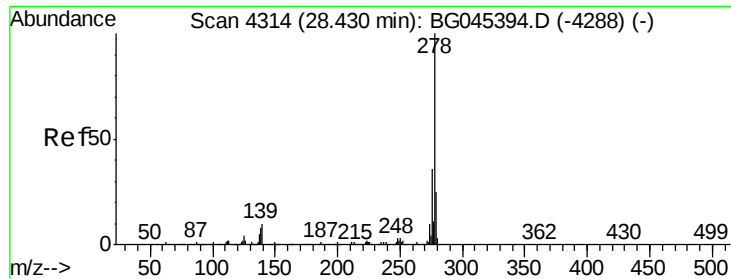


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

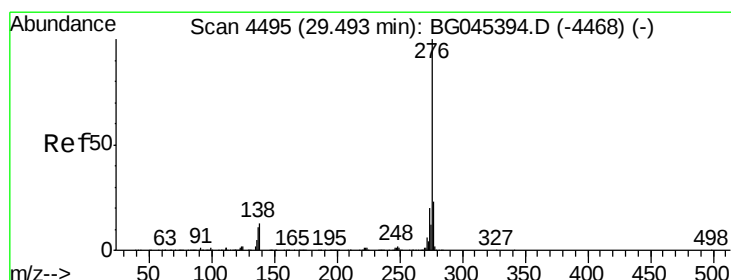
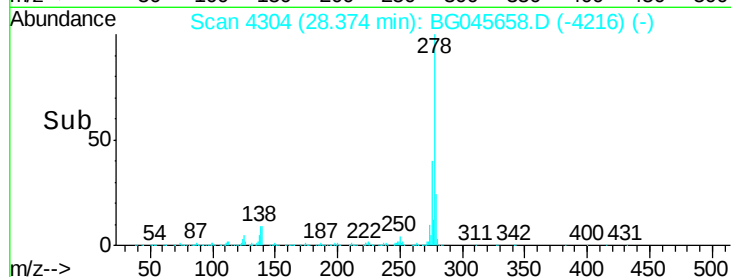
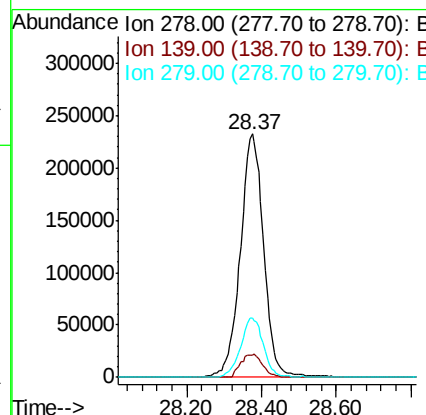
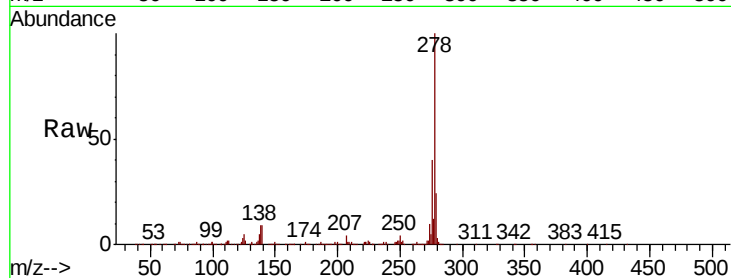




#91
 Dibenzo(a,h)anthracene
 Concen: 44.790 ng
 RT: 28.37 min Scan# 4304
 Delta R.T. -0.01 min
 Lab File: BG045658.D
 Acq: 9 Jun 2020 11:02

Instrument :
 BNA_G
 ClientSampleId :
 PB129381BS

Tot Ion:278 Resp: 1010762
 Ion Ratio Lower Upper
 278 100
 139 9.3 7.8 11.8
 279 24.4 19.8 29.8



#92
 Benzo(g,h,i)perylene
 Concen: 45.442 ng
 RT: 29.44 min Scan# 4485
 Delta R.T. -0.00 min
 Lab File: BG045658.D
 Acq: 9 Jun 2020 11:02

Tgt Ion:276 Resp: 1025620
 Ion Ratio Lower Upper
 276 100
 277 23.5 18.1 27.1
 138 12.2 10.2 15.4

