

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
 Data File : BG043827.D
 Acq On : 17 Dec 2019 19:59
 Operator : JU
 Sample : K6294-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 18 01:04:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 18:16:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	109871	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	512871	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	391192	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	895565	20.00	ng	0.00
76) Chrysene-d12	21.63	240	750500	20.00	ng	0.00
87) Perylene-d12	24.79	264	858018	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	765701	132.05	ng	0.00
7) Phenol-d6	7.17	99	1146257	137.06	ng	0.01
23) Nitrobenzene-d5	9.16	82	648886	71.04	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	467180	125.27	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1526845	68.56	ng	0.00
79) Terphenyl-d14	19.98	244	2334716	74.84	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.48	88	101909	37.950	ng	99
3) Pyridine	3.87	79	262229	35.339	ng	98
4) n-Nitrosodimethylamine	3.79	42	145484	40.891	ng	99
6) Aniline	7.32	93	255836	23.120	ng	96
8) 2-Chlorophenol	7.57	128	349000	51.645	ng	97
9) Benzaldehyde	7.14	77	114645	21.184	ng	94
10) Phenol	7.19	94	484885	56.160	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	319272	43.579	ng	99
12) 1,3-Dichlorobenzene	7.89	146	340126	42.000	ng	99
13) 1,4-Dichlorobenzene	8.04	146	344834	42.600	ng	99
14) 1,2-Dichlorobenzene	8.36	146	329024	42.187	ng	97
15) Benzyl Alcohol	8.23	79	324936	48.824	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	487526	41.521	ng	98
17) 2-Methylphenol	8.45	107	319071	51.770	ng	99
18) Hexachloroethane	9.09	117	124779	42.421	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	274250	42.895	ng	98
20) 3+4-Methylphenols	8.77	107	455319	53.055	ng	98
22) Acetophenone	8.82	105	511944	40.025	ng	# 99
24) Nitrobenzene	9.20	77	393227	42.263	ng	98
25) Isophorone	9.73	82	765524	41.963	ng	100
26) 2-Nitrophenol	9.91	139	192434	52.045	ng	97
27) 2,4-Dimethylphenol	9.98	122	335993	52.120	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	480803	41.175	ng	99
29) 2,4-Dichlorophenol	10.45	162	397483	50.210	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	372778	39.779	ng	99
31) Naphthalene	10.85	128	1057346	42.965	ng	100
32) Benzoic acid	10.11	122	235976	50.964	ng	97
33) 4-Chloroaniline	10.95	127	147443	12.357	ng	96
34) Hexachlorobutadiene	11.15	225	213702	37.636	ng	97
35) Caprolactam	11.72	113	106346	34.230	ng	98
36) 4-Chloro-3-methylphenol	12.08	107	442926	51.971	ng	98
37) 2-Methylnaphthalene	12.46	142	840215	44.050	ng	99
38) 1-Methylnaphthalene	12.68	142	802838	44.263	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	445404	37.891	ng	99

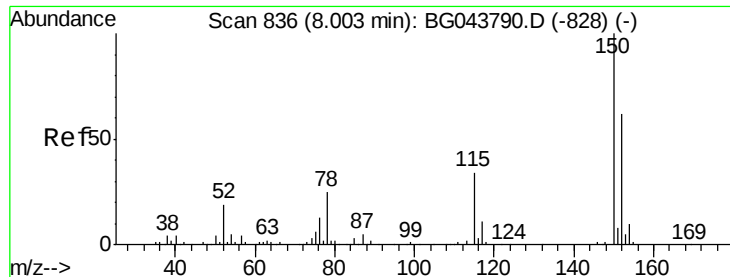
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	498939	90.430	ng	100
43) 2,4,6-Trichlorophenol	13.06	196	352614	47.195	ng	95
44) 2,4,5-Trichlorophenol	13.13	196	383434	48.985	ng	98
46) 1,1'-Biphenyl	13.46	154	1113654	41.294	ng	99
47) 2-Chloronaphthalene	13.50	162	888445	40.297	ng	98
48) 2-Nitroaniline	13.70	65	294505	45.293	ng	95
49) Acenaphthylene	14.35	152	1440819	43.870	ng	98
50) Dimethylphthalate	14.09	163	1287199	46.101	ng	99
51) 2,6-Dinitrotoluene	14.19	165	287648	47.805	ng	98
52) Acenaphthene	14.69	154	1030111	47.677	ng	97
53) 3-Nitroaniline	14.52	138	145393	21.115	ng	96
54) 2,4-Dinitrophenol	14.73	184	286380	103.645	ng	90
55) Dibenzofuran	15.03	168	1396252	43.657	ng	98
56) 4-Nitrophenol	14.84	139	509001	101.325	ng	97
57) 2,4-Dinitrotoluene	14.98	165	394289	48.496	ng	94
58) Fluorene	15.68	166	1141243	44.270	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	341565	48.634	ng	98
60) Diethylphthalate	15.45	149	1198141	42.960	ng	100
61) 4-Chlorophenyl-phenylether	15.67	204	615016	42.599	ng	99
62) 4-Nitroaniline	15.68	138	303977	42.607	ng	96
63) Azobenzene	15.96	77	1124803	43.900	ng	100
65) 4,6-Dinitro-2-methylphenol	15.75	198	205667	57.243	ng	98
66) n-Nitrosodiphenylamine	15.88	169	1083402	43.526	ng	98
67) 4-Bromophenyl-phenylether	16.57	248	403756	42.169	ng	98
68) Hexachlorobenzene	16.68	284	414655	40.832	ng	99
69) Atrazine	16.83	200	370972	46.750	ng	99
70) Pentachlorophenol	17.02	266	529924	98.100	ng	98
71) Phenanthrene	17.41	178	1819828	42.924	ng	100
72) Anthracene	17.51	178	1860252	44.326	ng	98
73) Carbazole	17.77	167	1708711	43.556	ng	98
74) Di-n-butylphthalate	18.34	149	1939406	43.123	ng	99
75) Fluoranthene	19.42	202	2087862	43.028	ng	98
77) Benzidine	19.60	184	399350	24.391	ng	99
78) Pyrene	19.78	202	2107662	42.973	ng	97
80) Butylbenzylphthalate	20.68	149	944559	46.241	ng	96
81) Benzo(a)anthracene	21.61	228	2017610	42.595	ng	98
82) 3,3'-Dichlorobenzidine	21.52	252	477848	27.309	ng	99
83) Chrysene	21.68	228	1951481	43.243	ng	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	1304653	44.528	ng	98
85) Di-n-octyl phthalate	22.74	149	2226539	46.484	ng	100
86) Indeno(1,2,3-cd)pyrene	28.37	276	2411278	41.746	ng	# 94
88) Benzo(b)fluoranthene	23.79	252	2080576	42.116	ng	99
89) Benzo(k)fluoranthene	23.86	252	2094821	43.896	ng	98
90) Benzo(a)pyrene	24.64	252	2081822	44.220	ng	98
91) Dibenzo(a,h)anthracene	28.44	278	1961420	41.711	ng	99
92) Benzo(g,h,i)perylene	29.49	276	1865858	40.209	ng	100

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

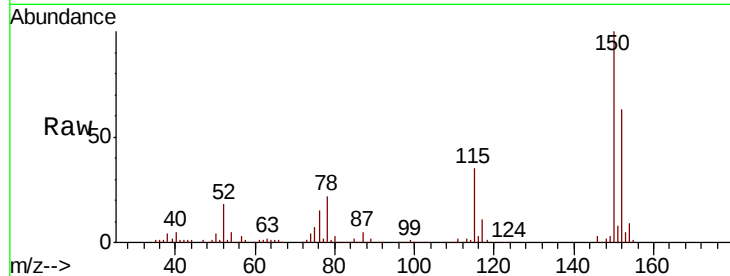


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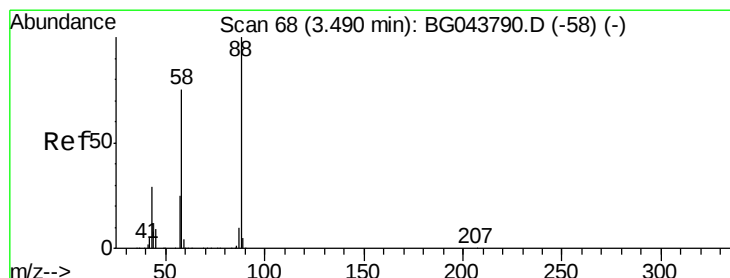
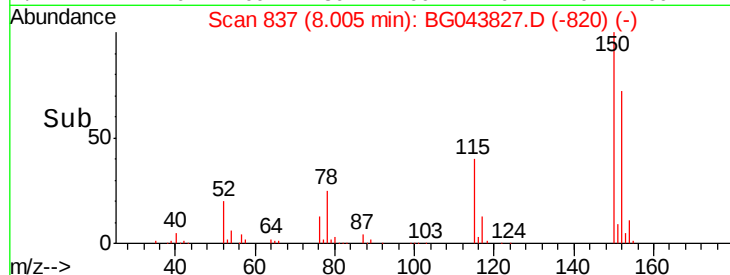
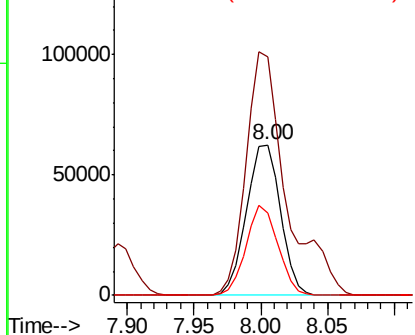
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	128.6	192.8
115	55.2	44.3	66.5



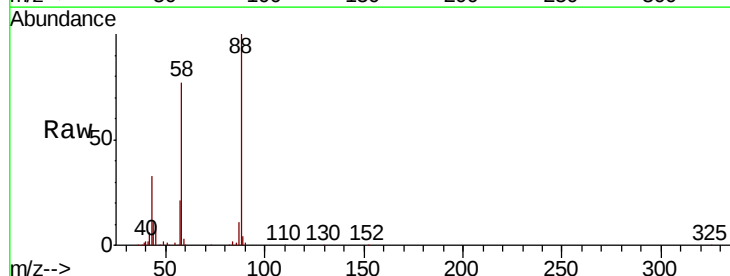
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



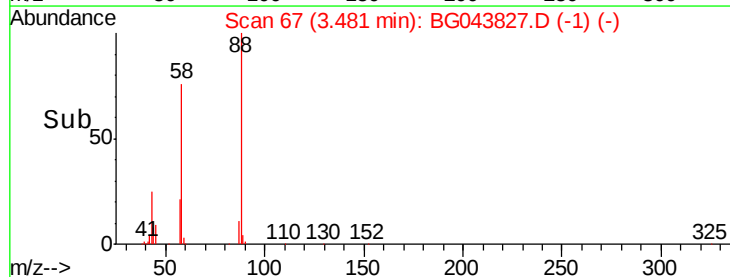
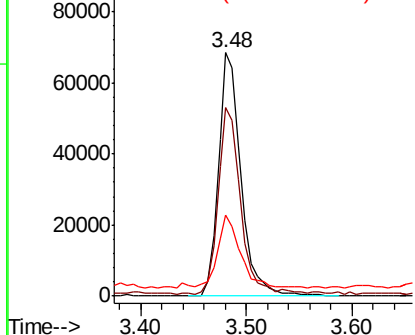
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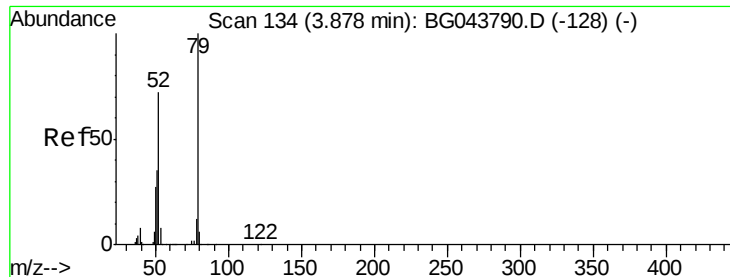
1,4-Dioxane
Concen: 37.950 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.8	62.2	93.4
43	29.9	24.3	36.5



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: 35.339 ng

RT: 3.87 min Scan# 134

Delta R.T. -0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

ClientSampleId :

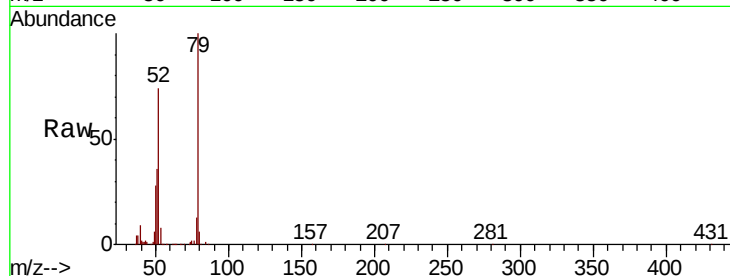
Tot Ion: 79 Resp: 262229

Ion Ratio Lower Upper

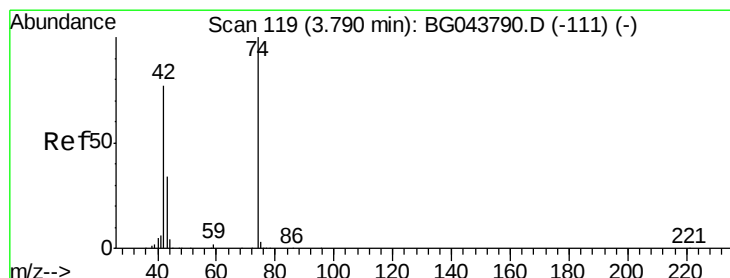
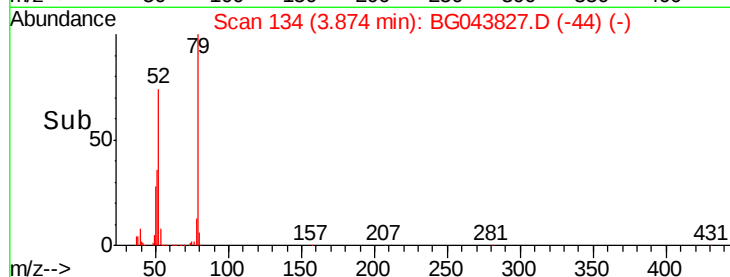
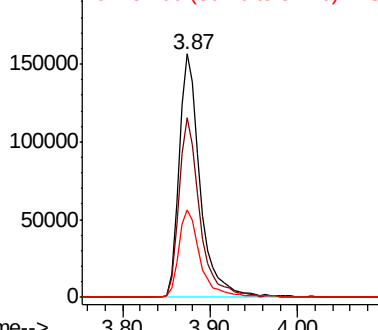
79 100

52 73.9 57.6 86.4

51 36.1 27.8 41.8



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: 40.891 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

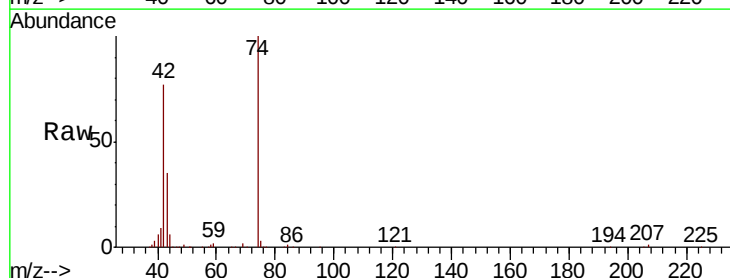
Tgt Ion: 42 Resp: 145484

Ion Ratio Lower Upper

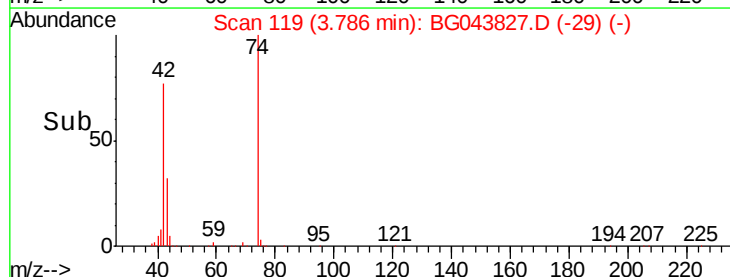
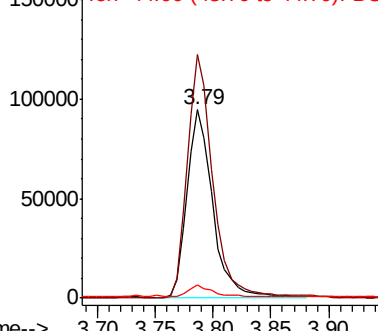
42 100

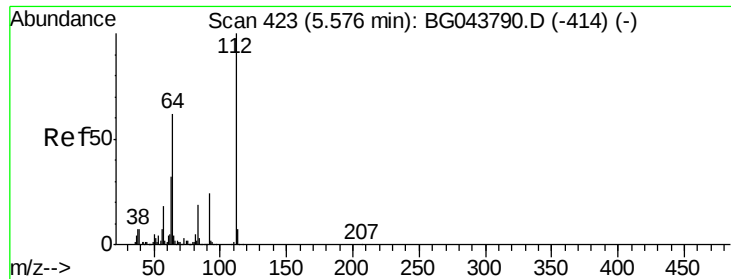
74 129.1 104.2 156.4

44 7.2 5.6 8.4



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: 132.045 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.01 min

Lab File: BG043827.D

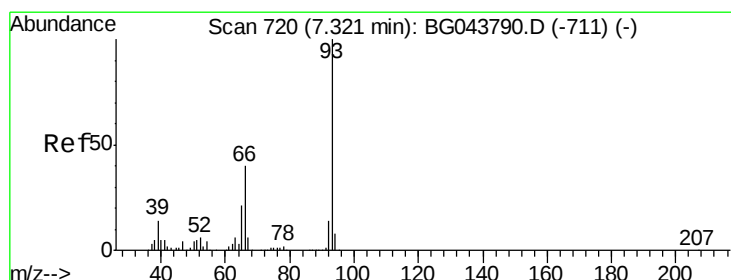
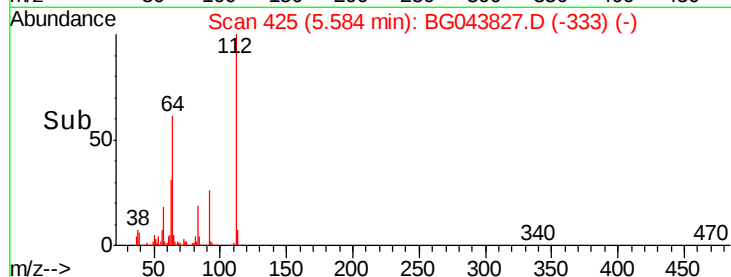
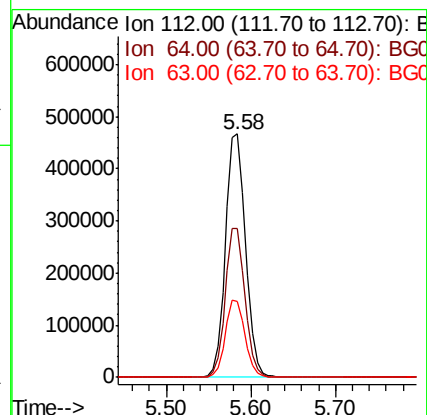
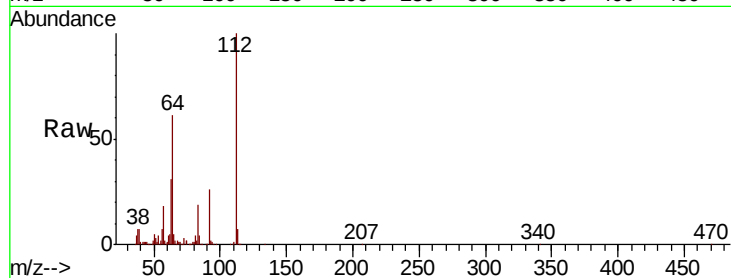
Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	112	Resp:	765701
Ion	Ratio	Lower	Upper
112	100		
64	61.3	49.9	74.9
63	31.1	26.0	39.0



#6

Aniline

Concen: 23.120 ng

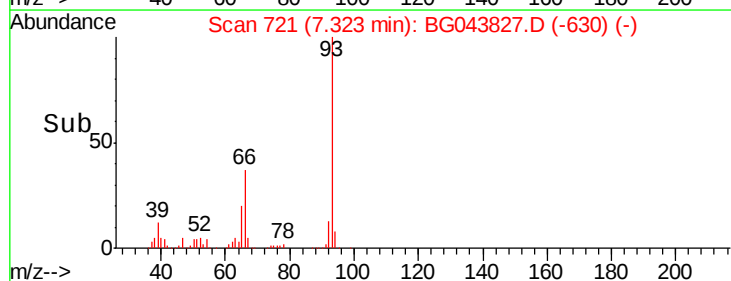
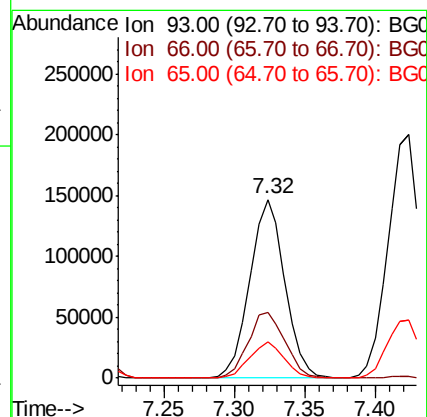
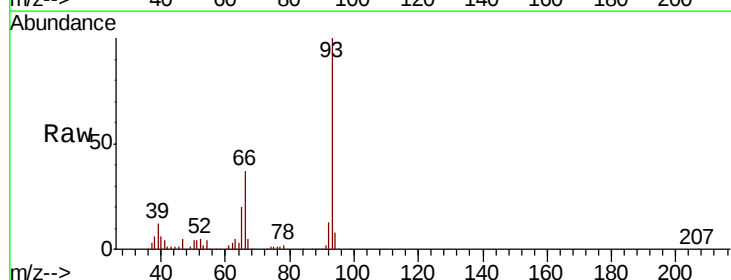
RT: 7.32 min Scan# 721

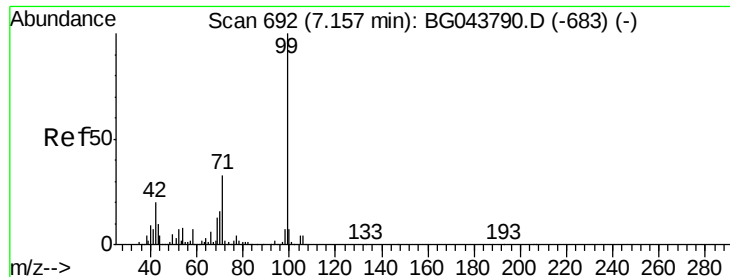
Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Tgt Ion:	93	Resp:	255836
Ion	Ratio	Lower	Upper
93	100		
66	37.0	31.9	47.9
65	20.4	16.8	25.2





#7

Phenol-d6

Concen: 137.064 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

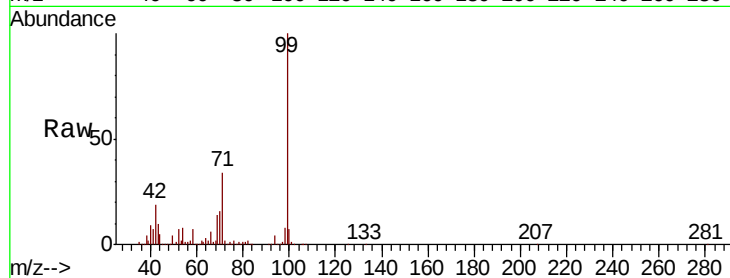
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1146257

Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.2	24.2
71	33.8	26.6	40.0

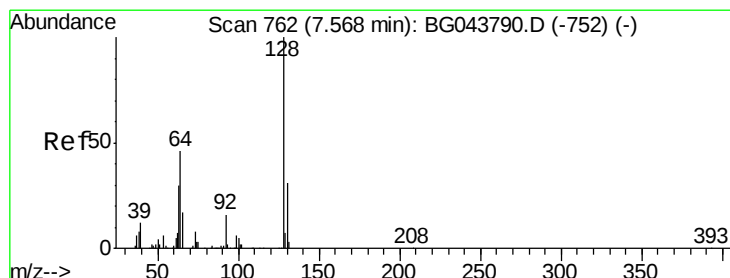
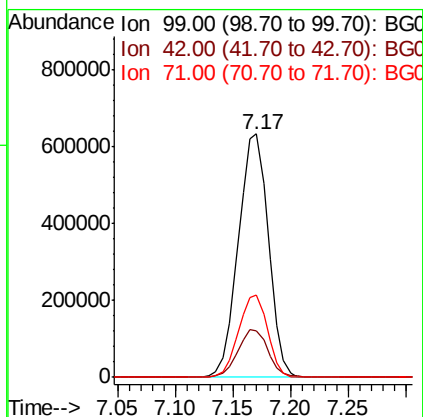
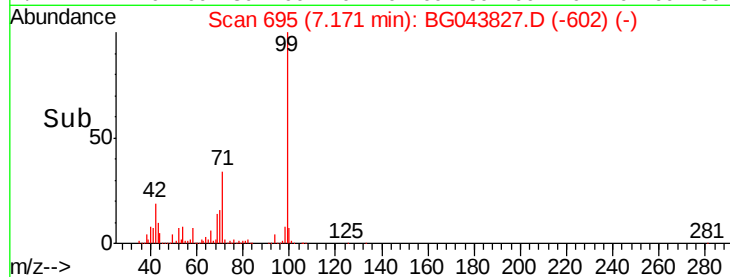


Abundance

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: 51.645 ng

RT: 7.57 min Scan# 763

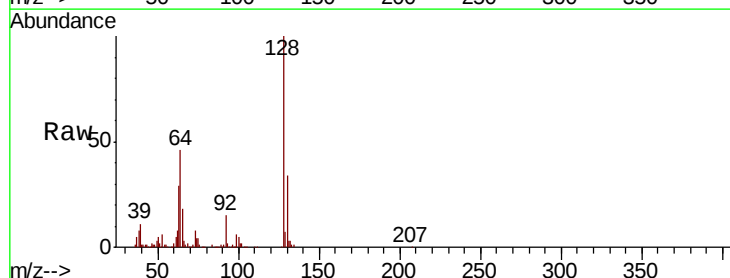
Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Tgt Ion: 128 Resp: 349000

Ion	Ratio	Lower	Upper
128	100		
130	34.2	11.1	51.1
64	45.6	26.5	66.5

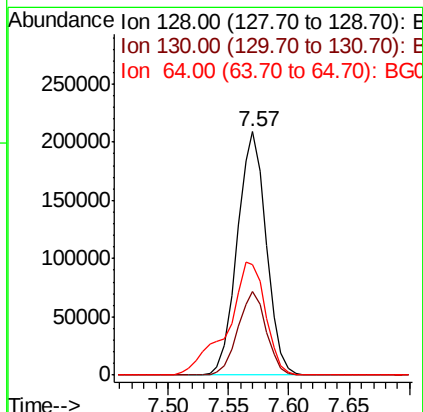
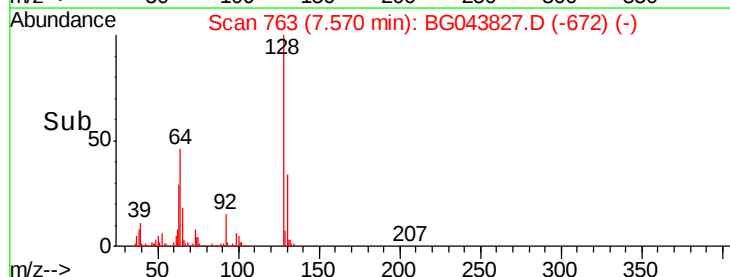


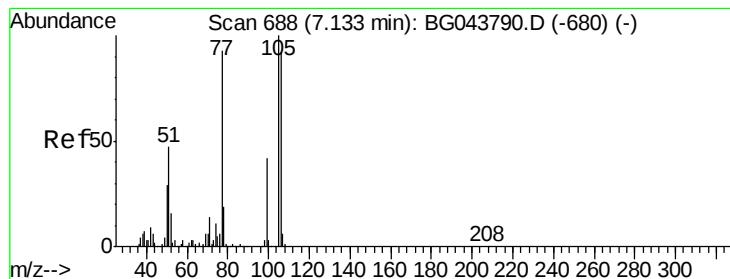
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 21.184 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

ClientSampleId :

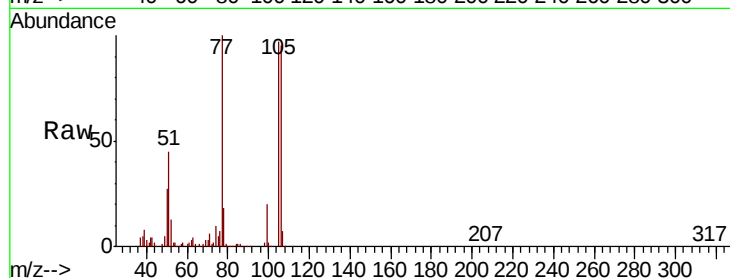
Tot Ion: 77 Resp: 114645

Ion Ratio Lower Upper

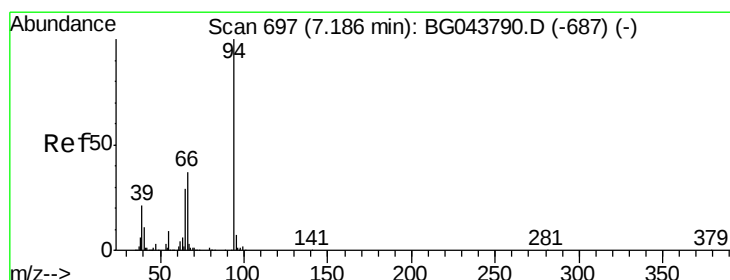
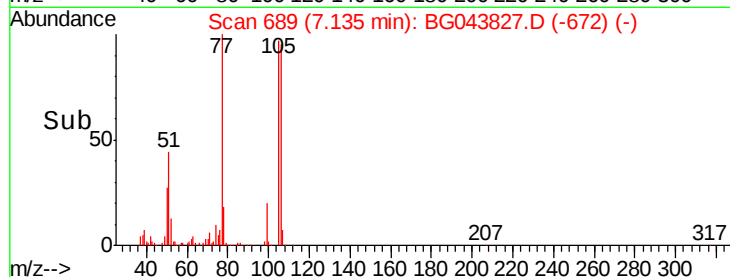
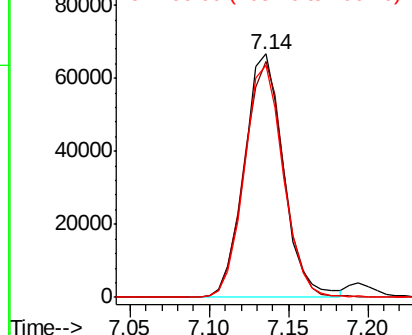
77 100

105 97.1 87.1 127.1

106 95.2 78.2 118.2



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: 56.160 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.01 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

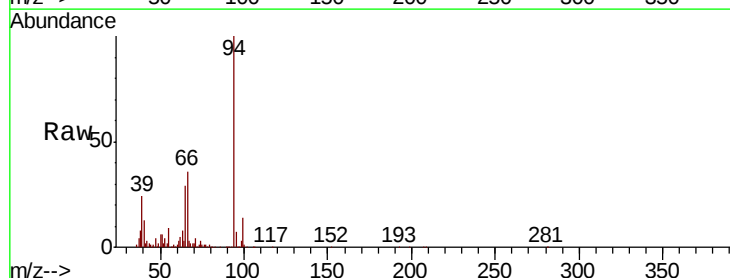
Tgt Ion: 94 Resp: 484885

Ion Ratio Lower Upper

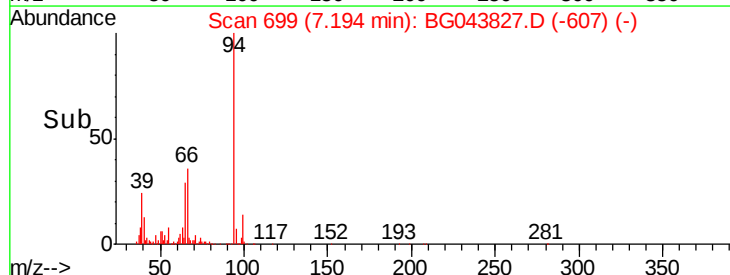
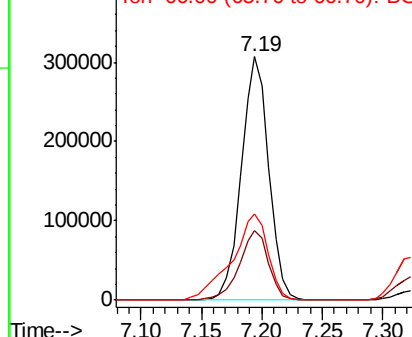
94 100

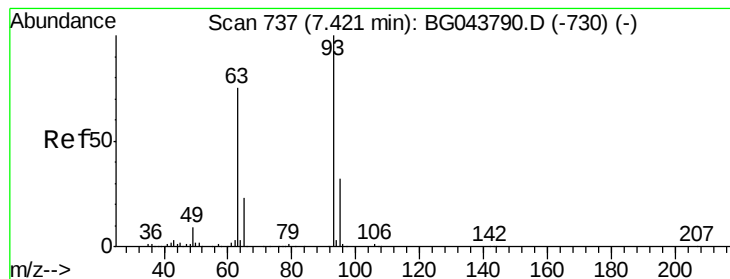
65 28.7 9.5 49.5

66 35.5 16.8 56.8



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: 43.579 ng

RT: 7.42 min Scan# 738

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

ClientSampleId :

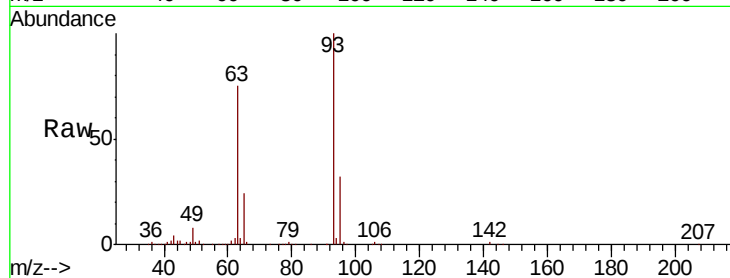
Tot Ion: 93 Resp: 319272

Ion Ratio Lower Upper

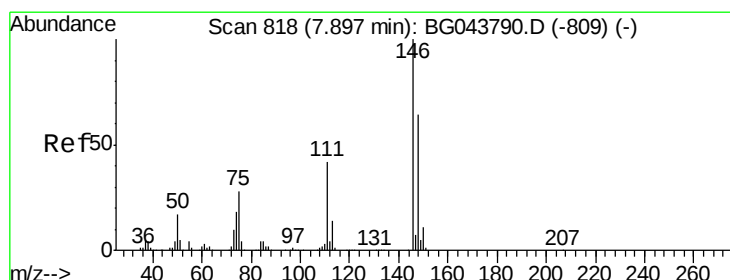
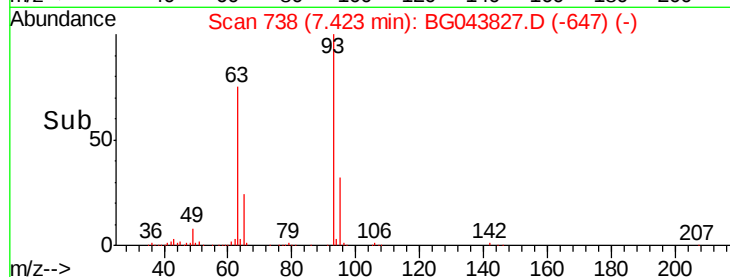
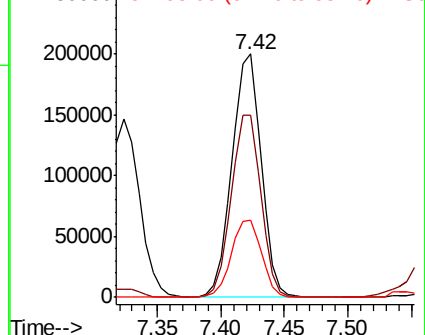
93 100

63 74.9 54.7 94.7

95 31.9 11.3 51.3



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: 42.000 ng

RT: 7.89 min Scan# 818

Delta R.T. -0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

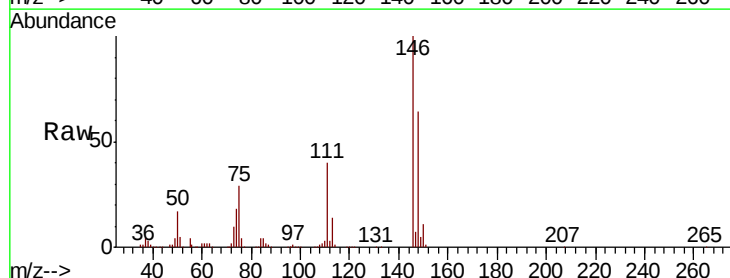
Tgt Ion: 146 Resp: 340126

Ion Ratio Lower Upper

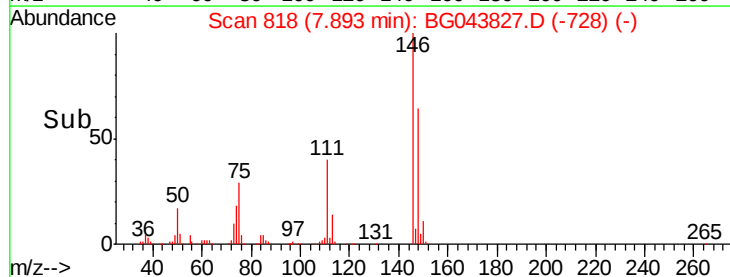
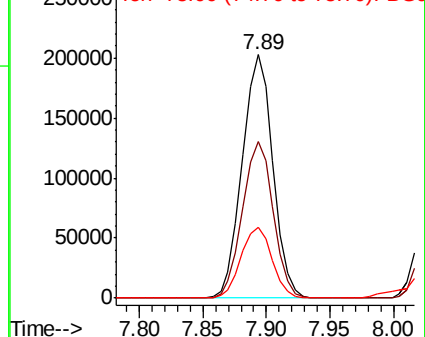
146 100

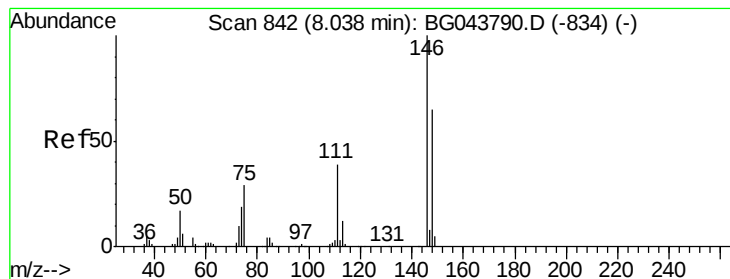
148 64.3 51.4 77.2

75 29.3 22.4 33.6



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





#13

1,4-Dichlorobenzene

Concen: 42.600 ng

RT: 8.04 min Scan# 843

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

ClientSampled :

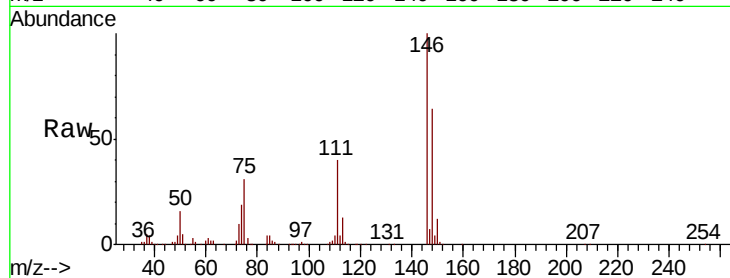
Tot Ion:146 Resp: 344834

Ion Ratio Lower Upper

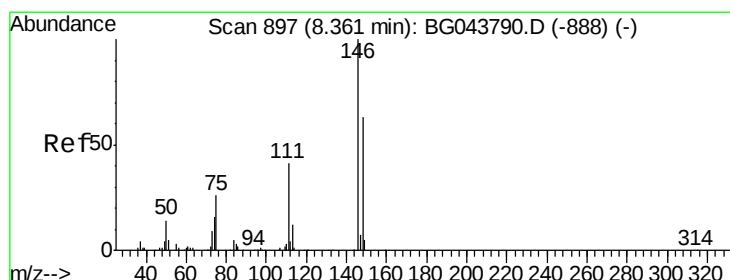
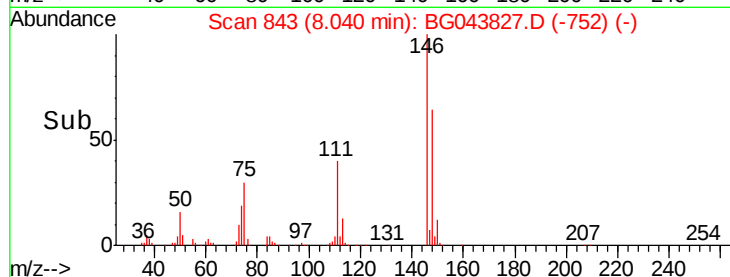
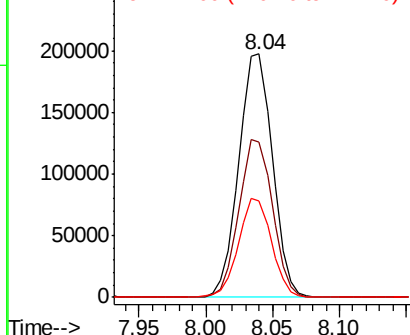
146 100

148 63.8 51.8 77.8

111 39.6 31.4 47.2



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: 42.187 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

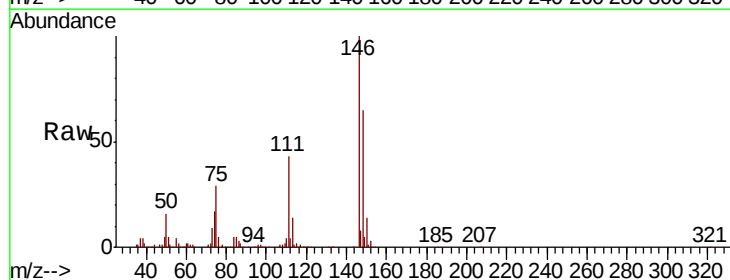
Tgt Ion:146 Resp: 329024

Ion Ratio Lower Upper

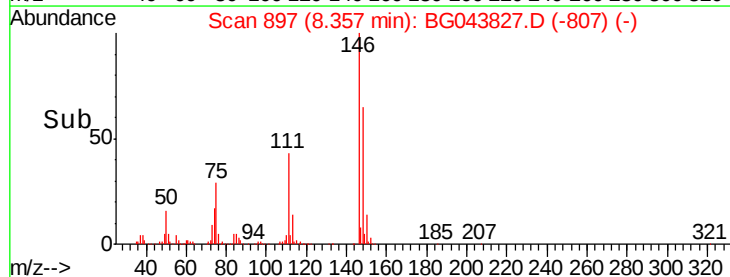
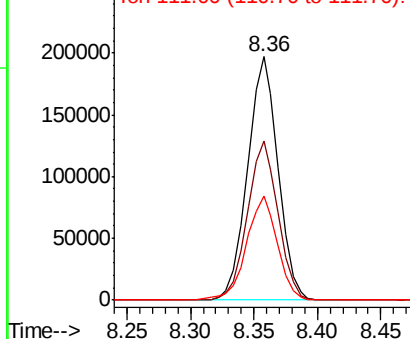
146 100

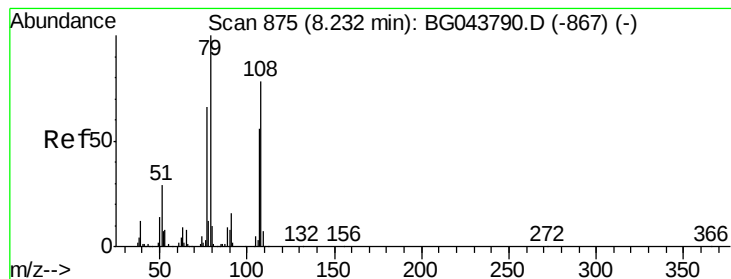
148 65.4 50.2 75.2

111 42.8 33.4 50.2



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: 48.824 ng

RT: 8.23 min Scan# 876

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

ClientSampled :

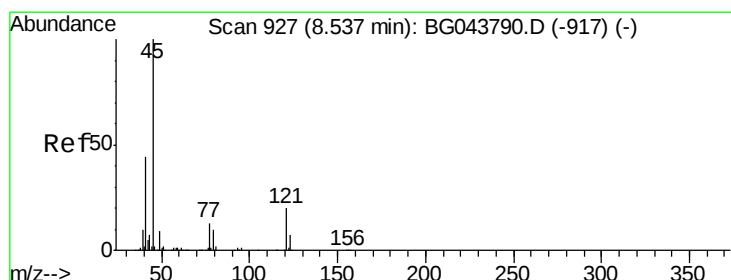
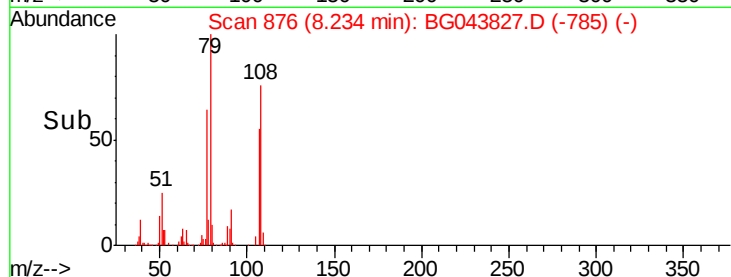
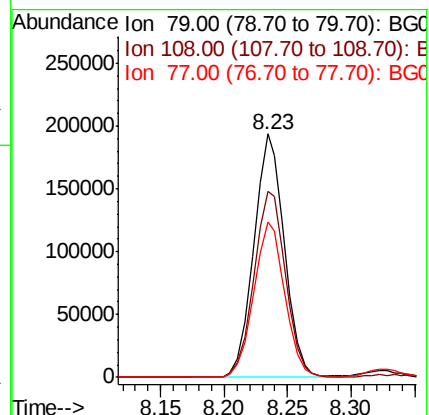
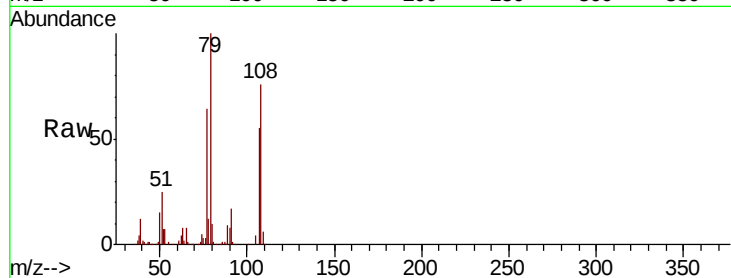
Tot Ion: 79 Resp: 324936

Ion Ratio Lower Upper

79 100

108 76.4 62.2 93.2

77 64.0 52.8 79.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.521 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

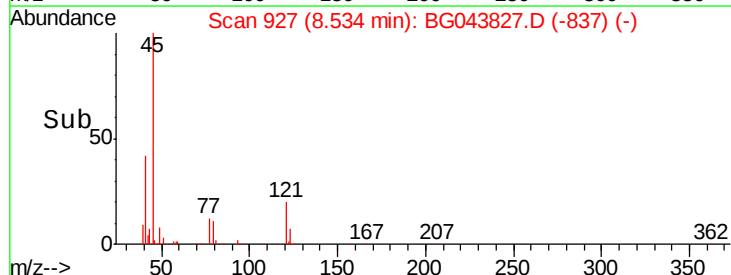
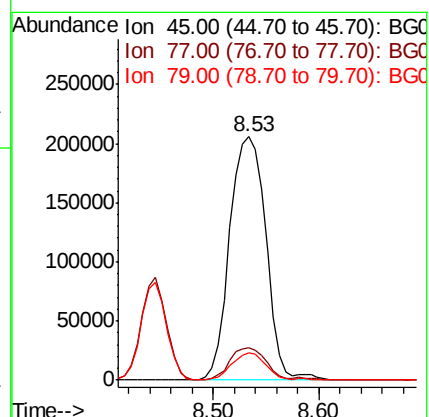
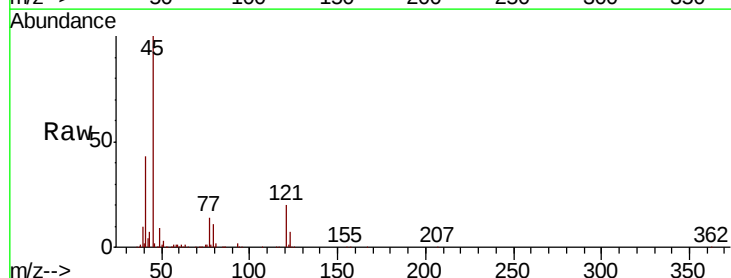
Tgt Ion: 45 Resp: 487526

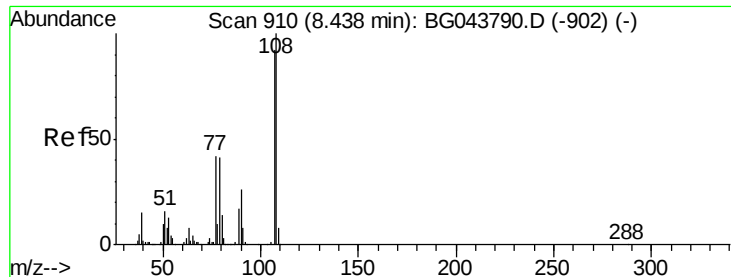
Ion Ratio Lower Upper

45 100

77 13.6 0.0 33.6

79 11.3 0.0 29.9

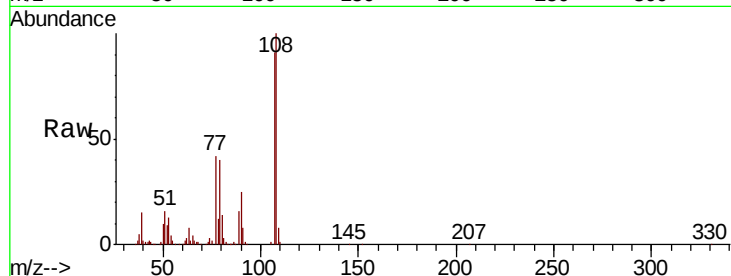




#17
2-Methylphenol
Concen: 51.770 ng
RT: 8.45 min Scan# 912
Delta R.T. 0.01 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.3	87.2	130.8
77	46.3	36.6	54.8
79	44.0	35.5	53.3



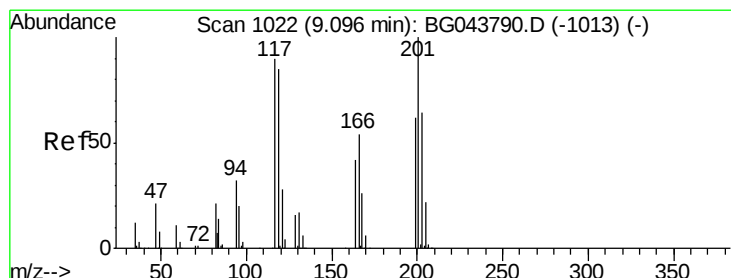
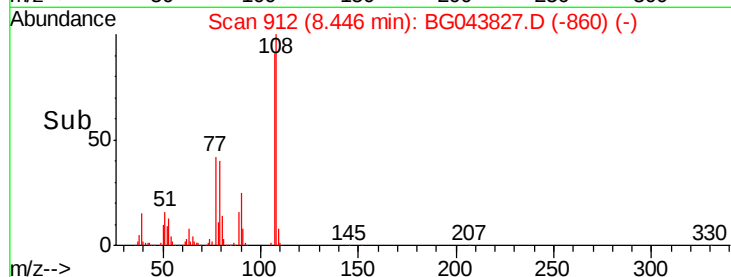
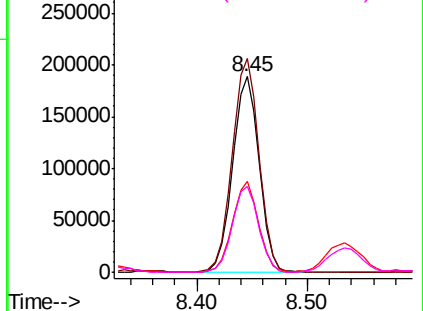
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

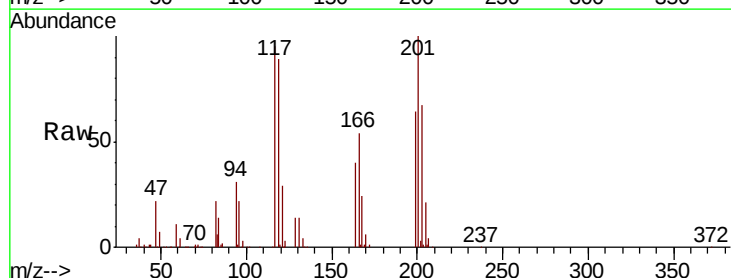
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 42.421 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.6	113.4
201	105.0	88.6	133.0

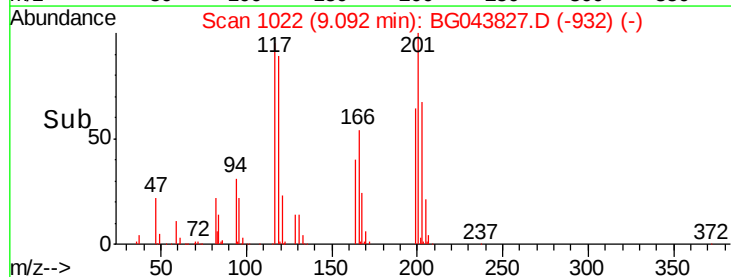
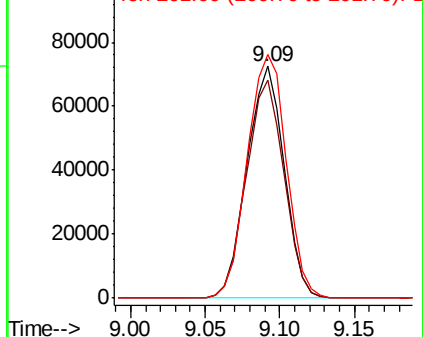


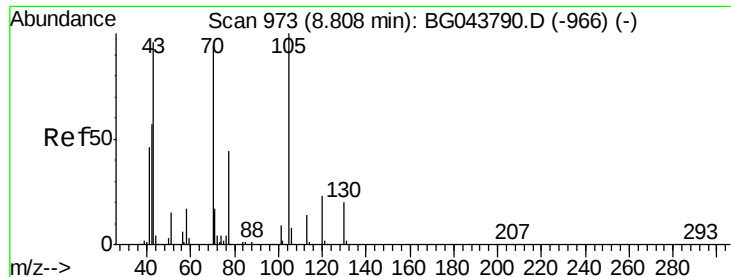
Abundance

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: 42.895 ng

RT: 8.81 min Scan# 974

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 274250

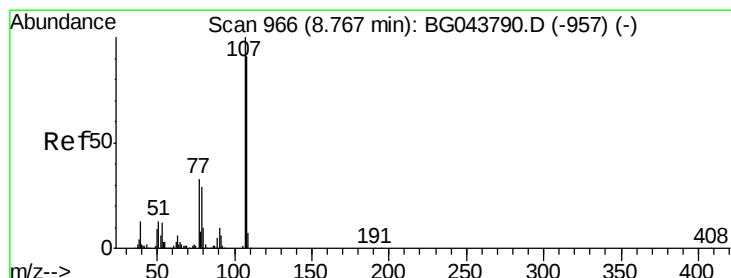
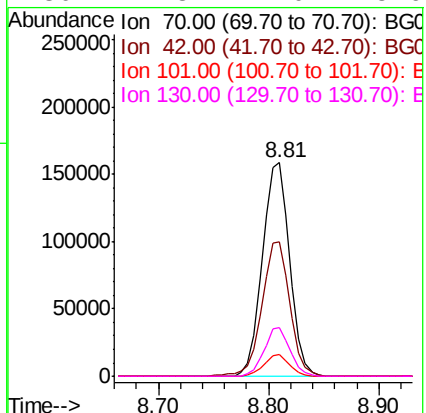
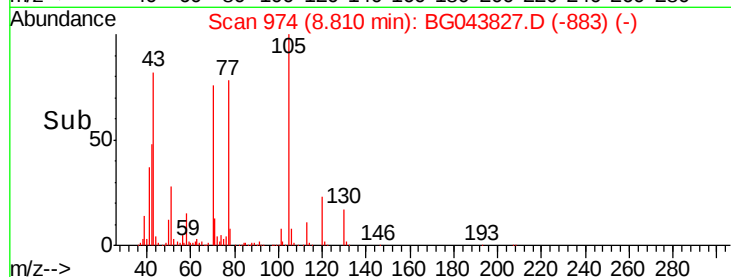
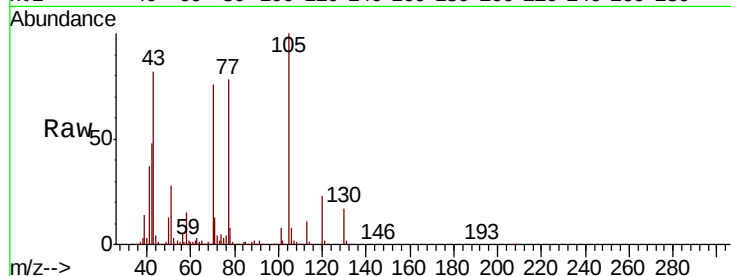
Ion Ratio Lower Upper

70 100

42 62.9 49.2 73.8

101 10.2 7.8 11.6

130 22.8 17.0 25.6



#20

3+4-Methylphenols

Concen: 53.055 ng

RT: 8.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Tgt Ion: 107 Resp: 455319

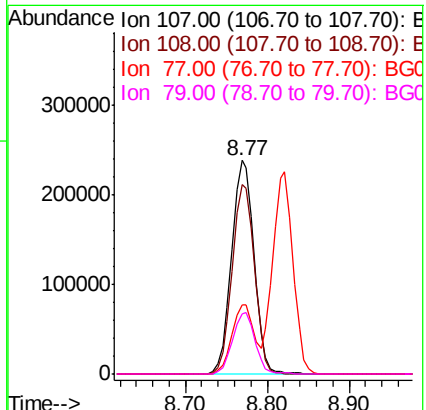
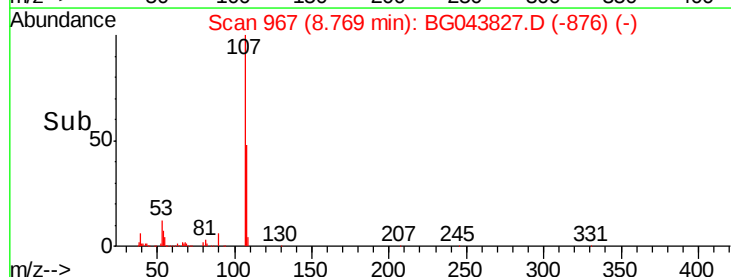
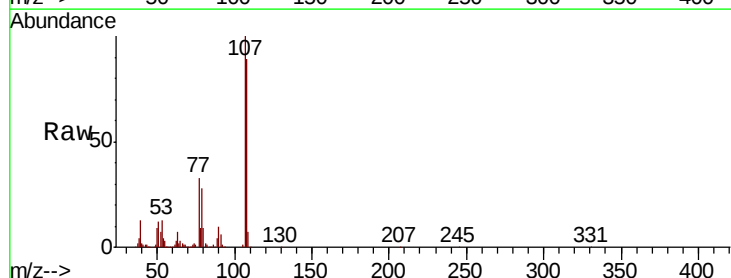
Ion Ratio Lower Upper

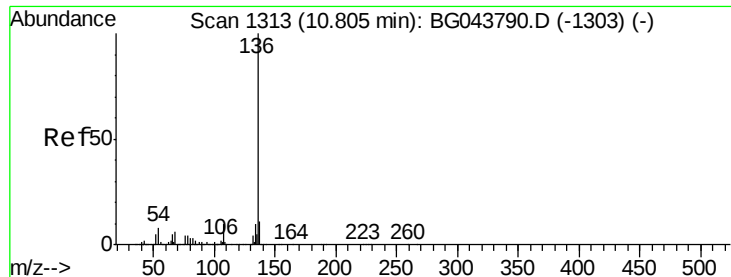
107 100

108 88.7 70.9 110.9

77 32.7 12.7 52.7

79 28.3 9.1 49.1

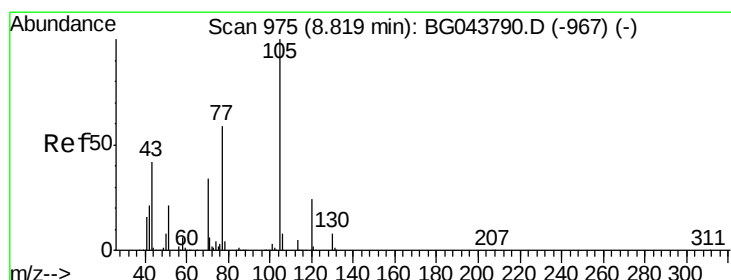
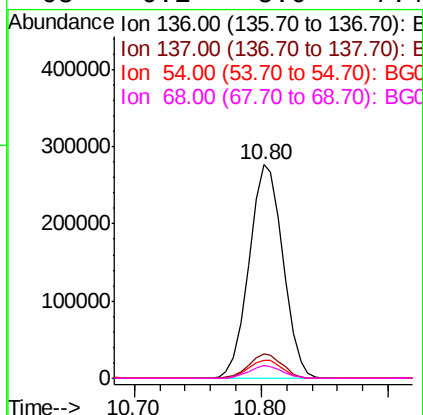
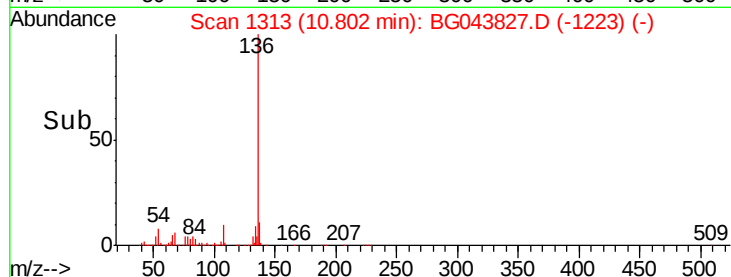
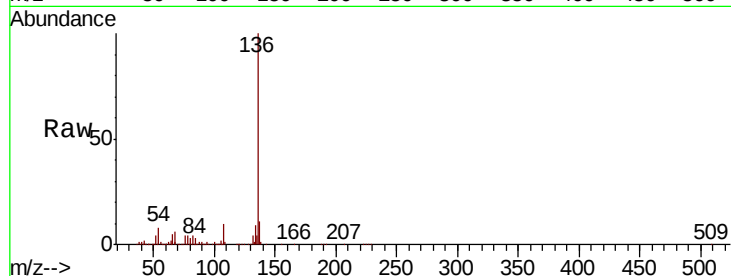




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

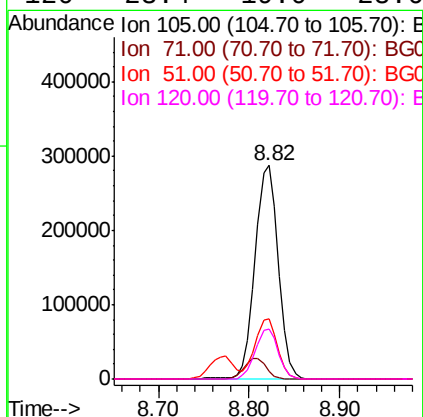
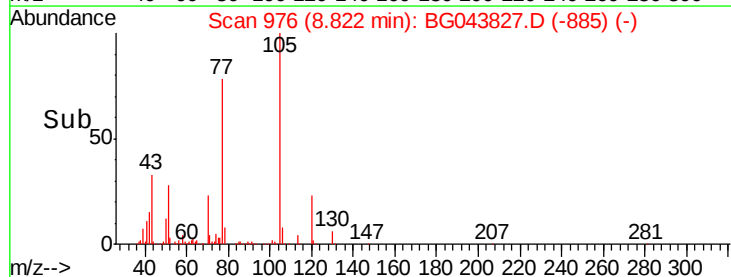
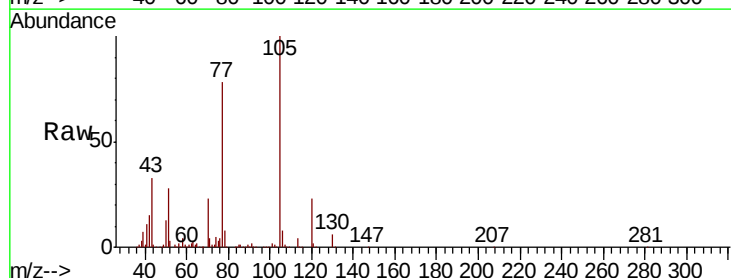
Instrument :
BNA_G
ClientSampleId :

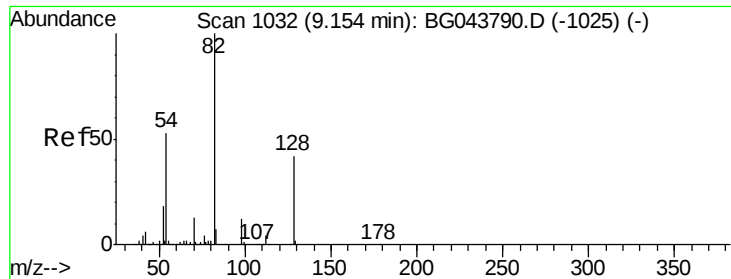
Tot Ion:136	Resp:	512871
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.7 13.1
54	8.1	6.8 10.2
68	6.1	5.0 7.4



#22
Acetophenone
Concen: 40.025 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion:105	Resp:	511944
Ion Ratio	Lower	Upper
105	100	
71	3.5	4.9 7.3#
51	28.2	22.2 33.4
120	23.4	19.0 28.6





#23

Nitrobenzene-d5

Concen: 71.038 ng

RT: 9.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

ClientSampleId :

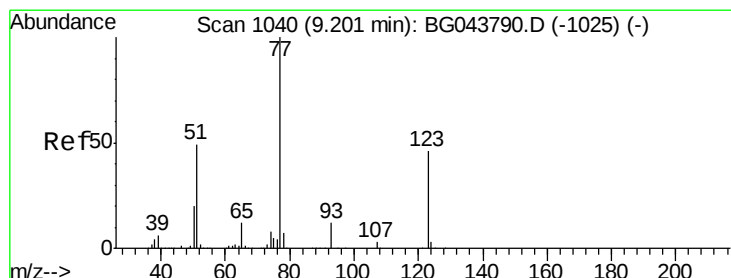
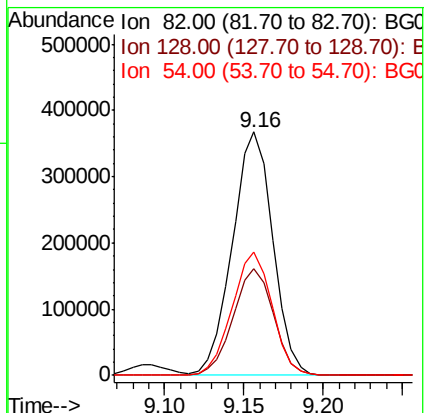
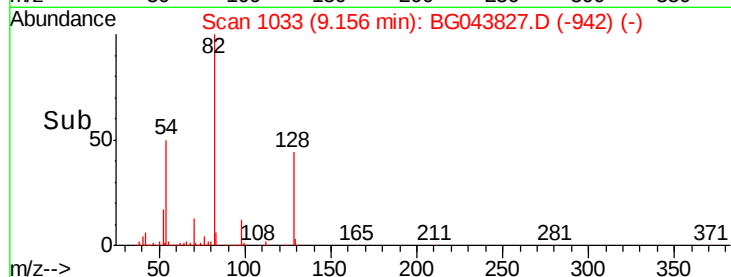
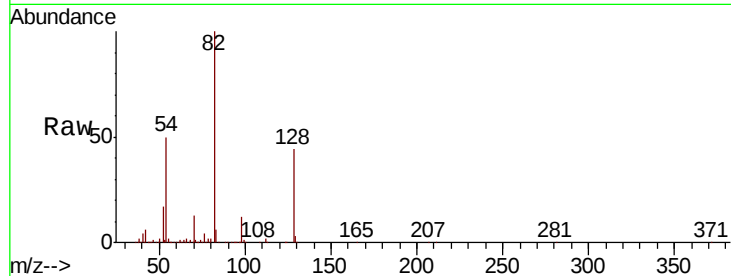
Tot Ion: 82 Resp: 648886

Ion Ratio Lower Upper

82 100

128 43.9 33.6 50.4

54 50.4 42.1 63.1



#24

Nitrobenzene

Concen: 42.263 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

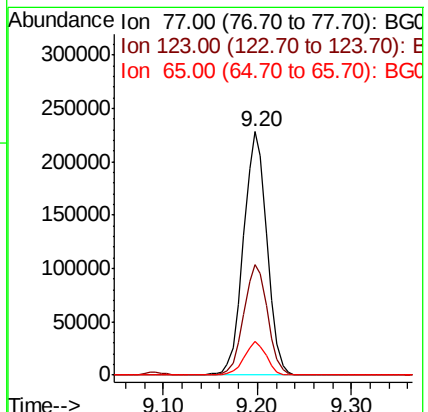
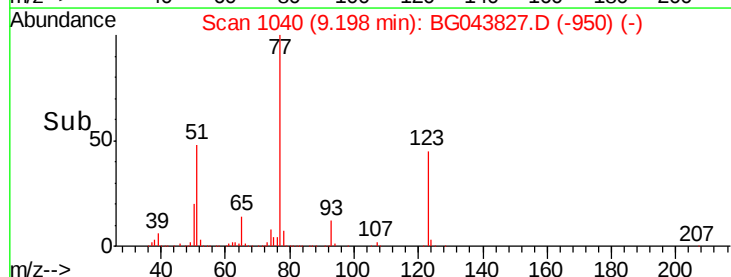
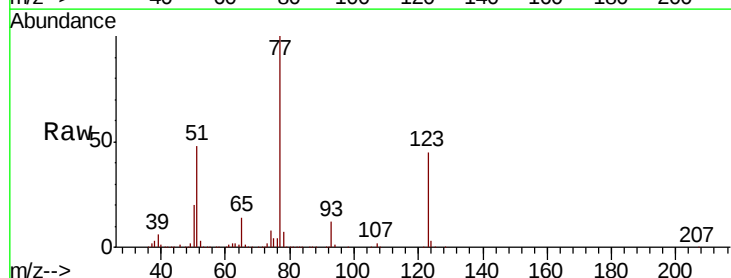
Tgt Ion: 77 Resp: 393227

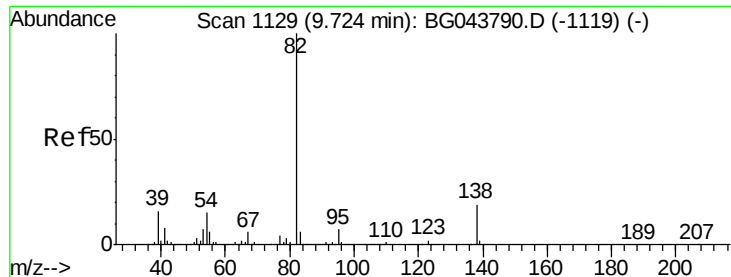
Ion Ratio Lower Upper

77 100

123 45.2 36.6 55.0

65 13.9 9.8 14.6





#25

Isophorone

Concen: 41.963 ng

RT: 9.73 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

ClientSampled :

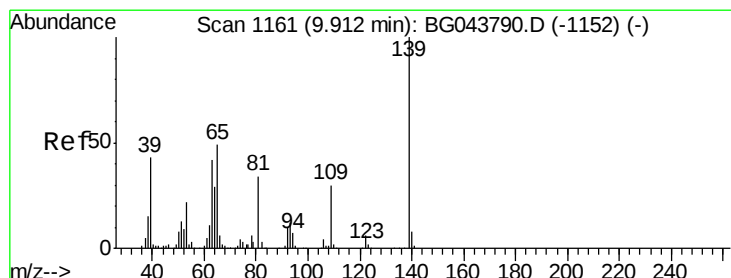
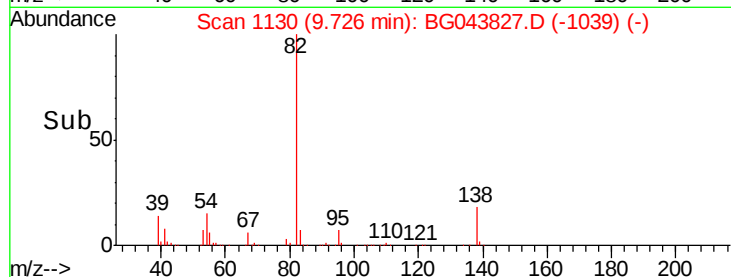
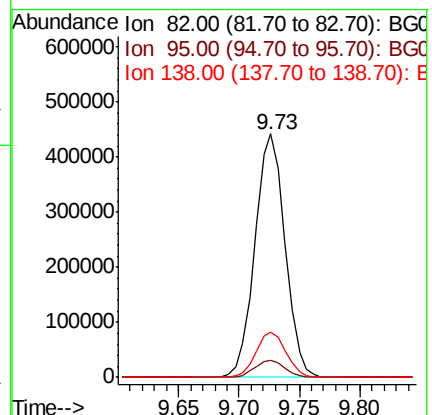
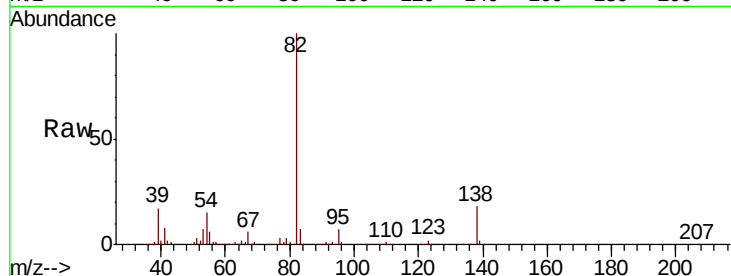
Tot Ion: 82 Resp: 765524

Ion Ratio Lower Upper

82 100

95 7.2 5.6 8.4

138 18.4 14.8 22.2



#26

2-Nitrophenol

Concen: 52.045 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

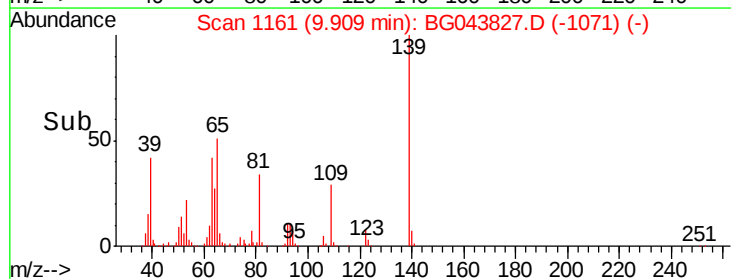
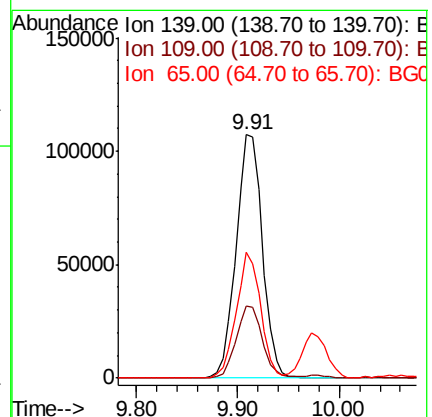
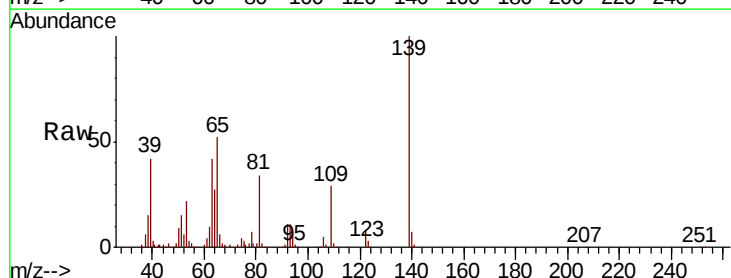
Tgt Ion: 139 Resp: 192434

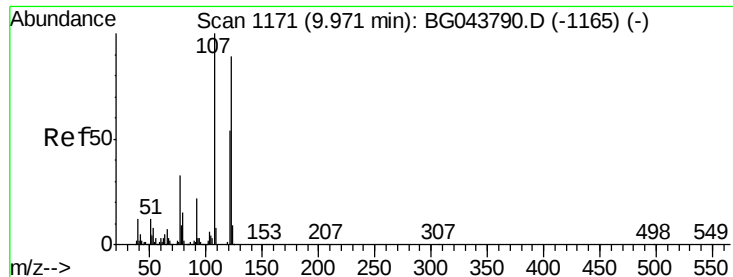
Ion Ratio Lower Upper

139 100

109 29.5 23.9 35.9

65 51.5 39.3 58.9





#27

2,4-Dimethylphenol

Concen: 52.120 ng

RT: 9.98 min Scan# 1173

Delta R.T. 0.01 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

ClientSampled :

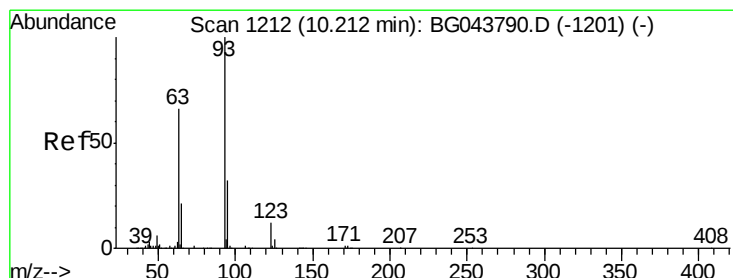
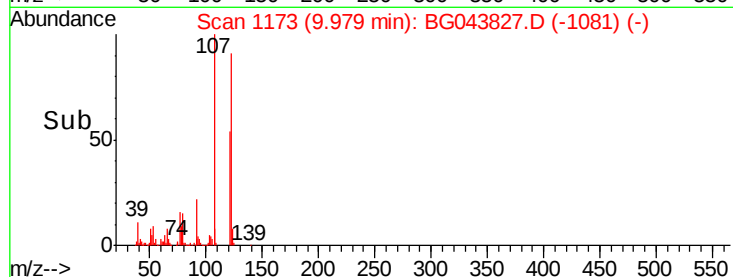
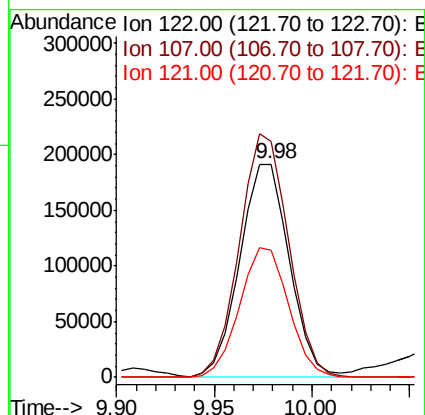
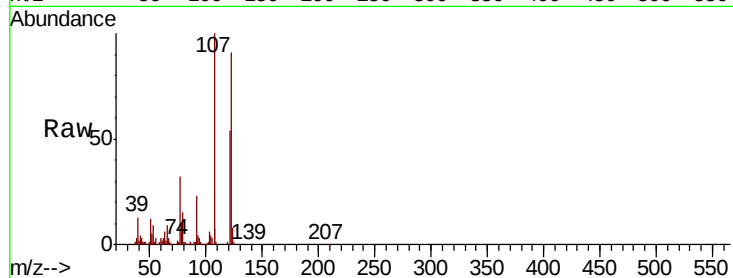
Tot Ion:122 Resp: 335993

Ion Ratio Lower Upper

122 100

107 110.3 90.0 135.0

121 59.5 48.6 73.0



#28

bis(2-Chloroethoxy)methane

Concen: 41.175 ng

RT: 10.21 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

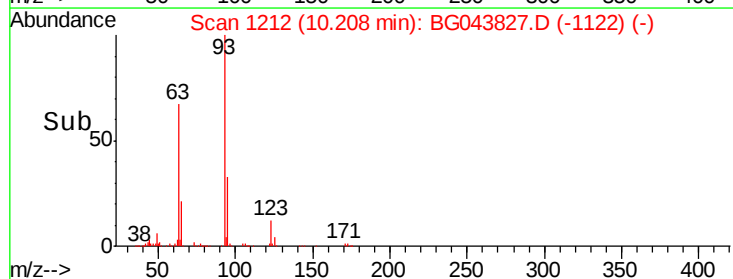
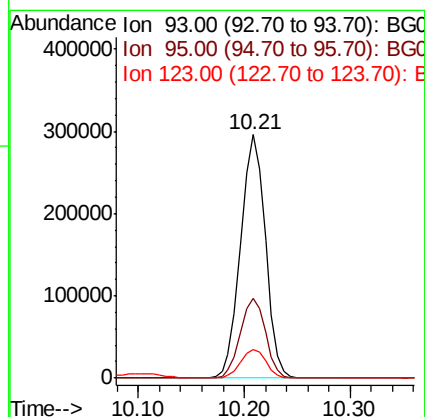
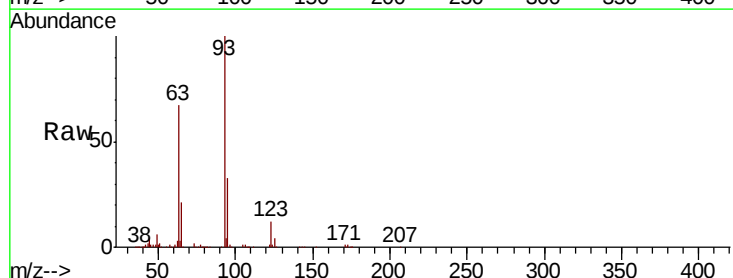
Tgt Ion: 93 Resp: 480803

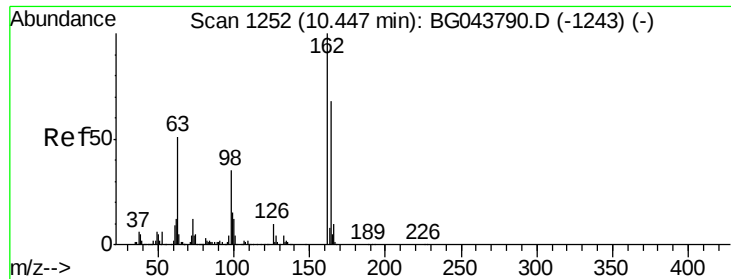
Ion Ratio Lower Upper

93 100

95 32.9 25.7 38.5

123 11.7 9.5 14.3

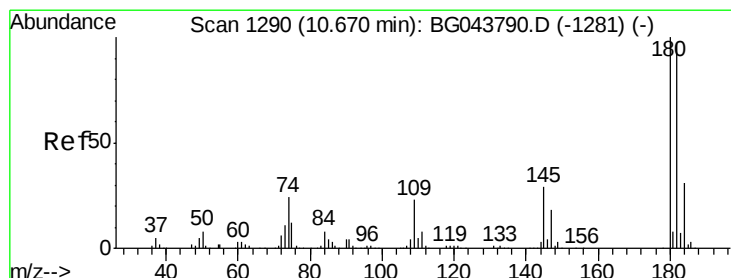
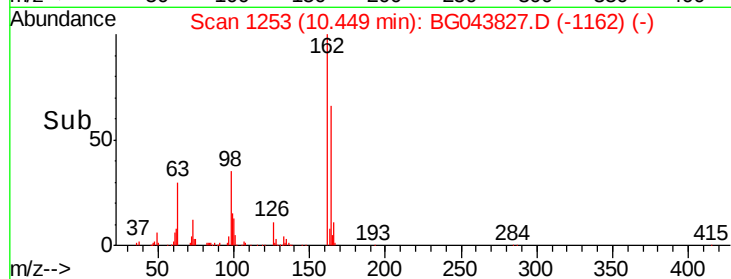
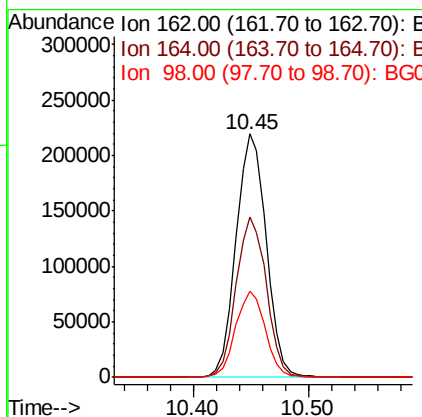
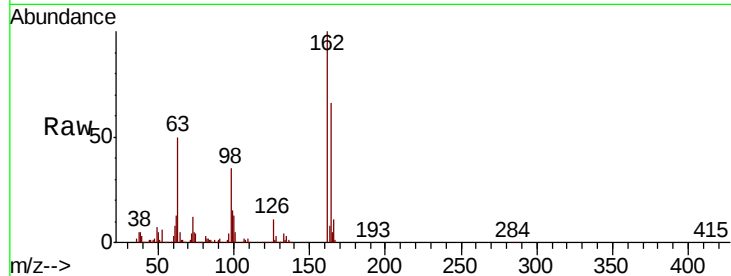




#29
 2,4-Dichlorophenol
 Concen: 50.210 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BG043827.D
 Acq: 17 Dec 2019 19:59

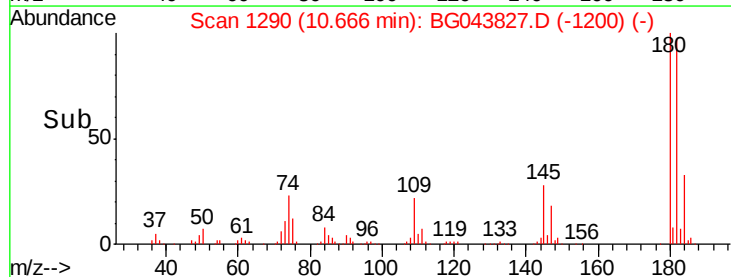
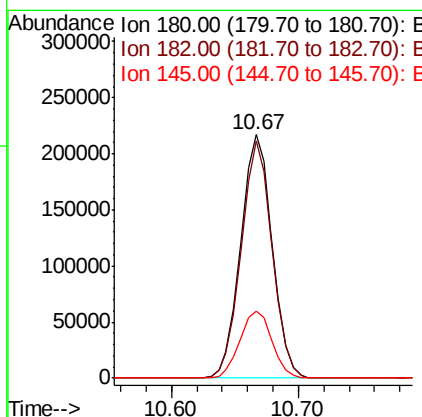
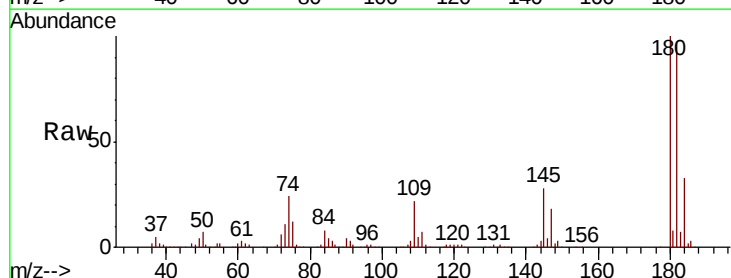
Instrument :
 BNA_G
 ClientSampleId :

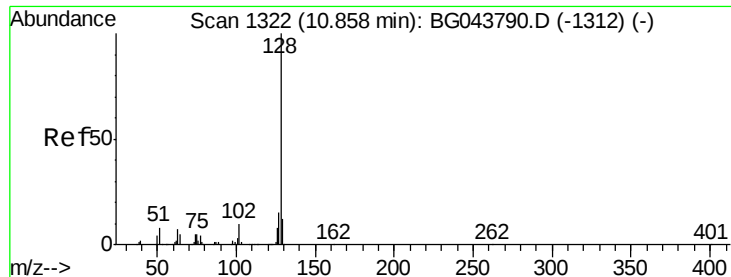
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	48.0	88.0
98	35.2	14.9	54.9



#30
 1,2,4-Trichlorobenzene
 Concen: 39.779 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: BG043827.D
 Acq: 17 Dec 2019 19:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.8	116.8
145	27.7	23.0	34.6

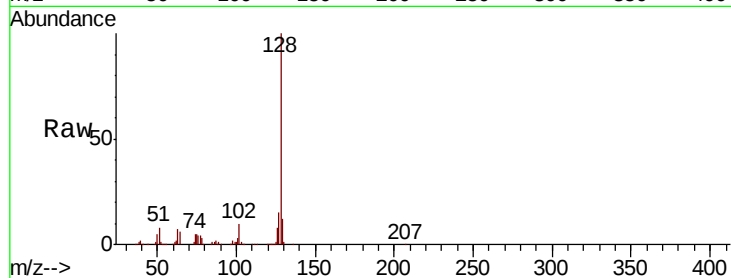




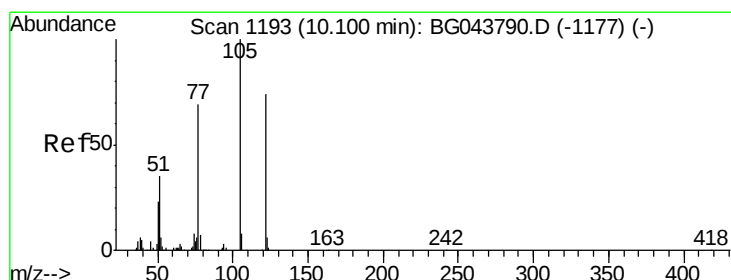
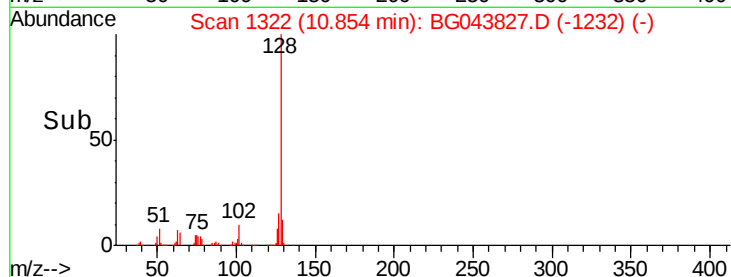
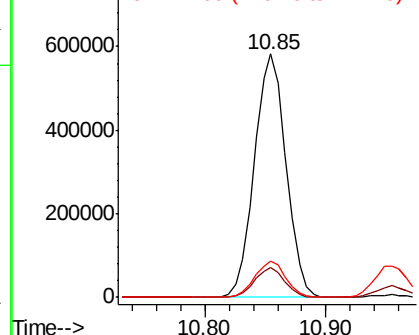
#31
Naphthalene
Concen: 42.965 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 1057346
Ion Ratio Lower Upper
128 100
129 12.2 9.8 14.6
127 14.6 11.9 17.9

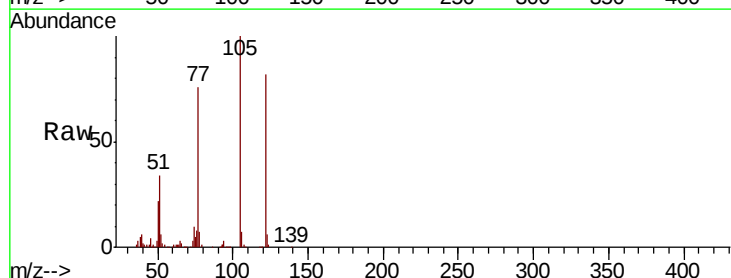


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

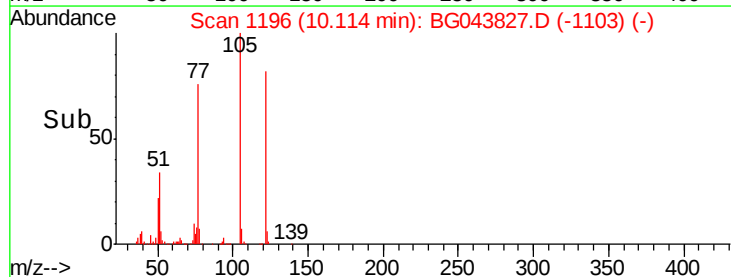
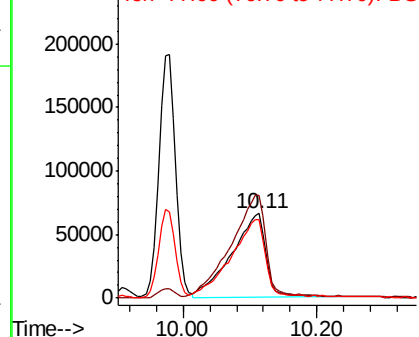


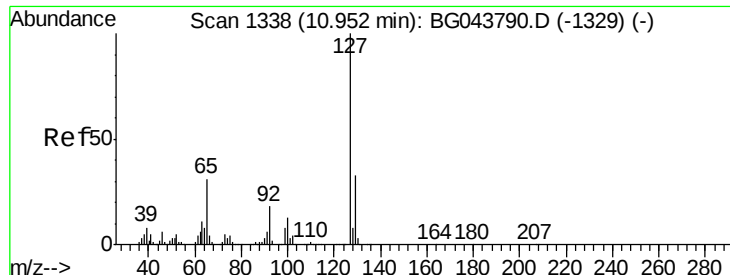
#32
Benzoic acid
Concen: 50.964 ng
RT: 10.11 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion:122 Resp: 235976
Ion Ratio Lower Upper
122 100
105 121.3 107.5 147.5
77 92.5 71.7 111.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

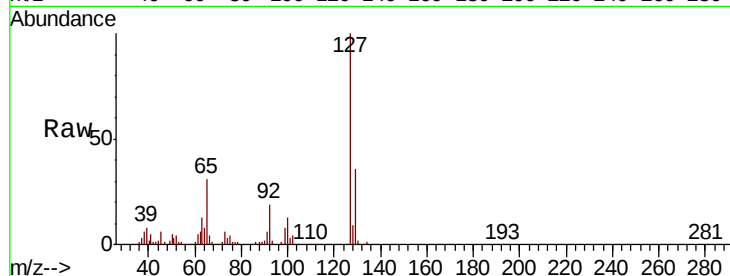




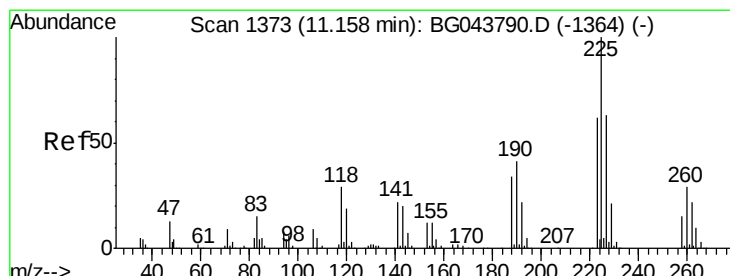
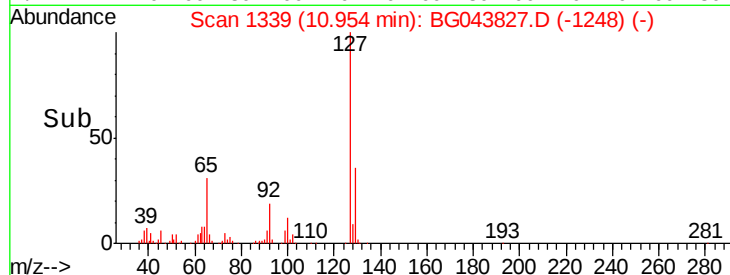
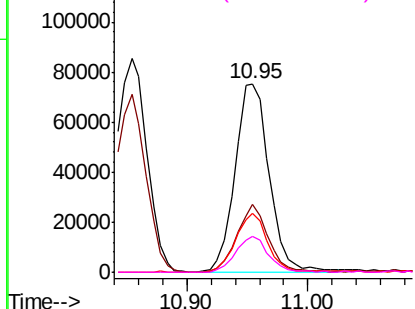
#33
4-Chloroaniline
Concen: 12.357 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	147443
Ion	Ratio	Lower	Upper
127	100		
129	36.0	26.1	39.1
65	31.5	24.4	36.6
92	19.2	14.6	22.0

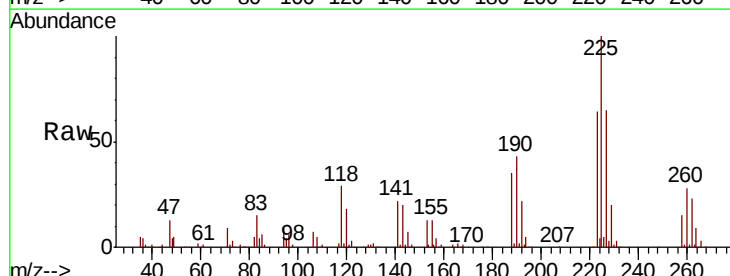


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

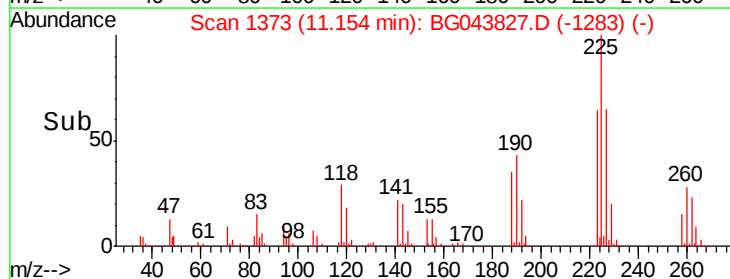
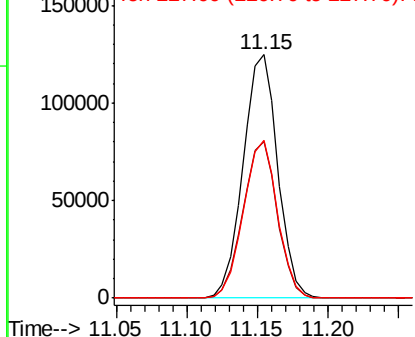


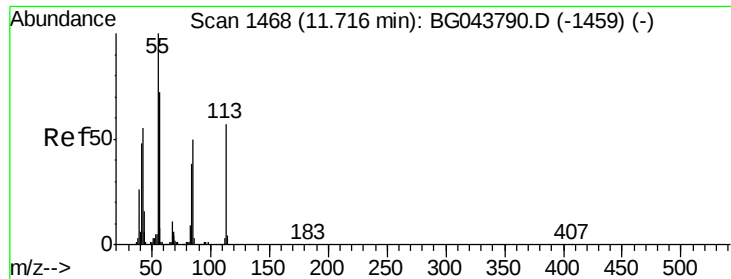
#34
Hexachlorobutadiene
Concen: 37.636 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion:	225	Resp:	213702
Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.3	73.9
227	65.1	50.2	75.2



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

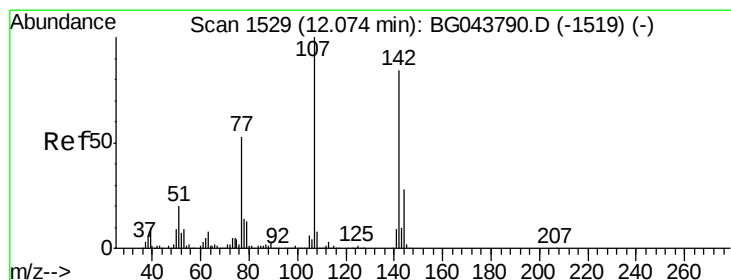
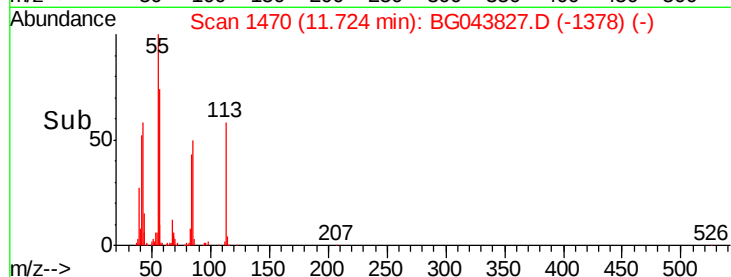
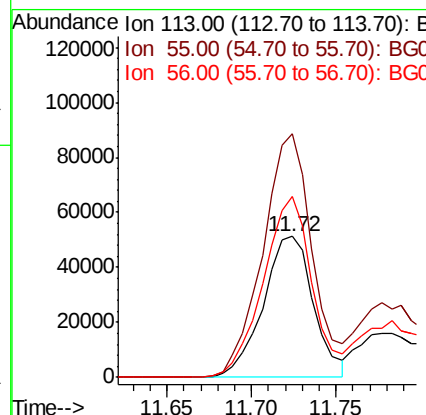
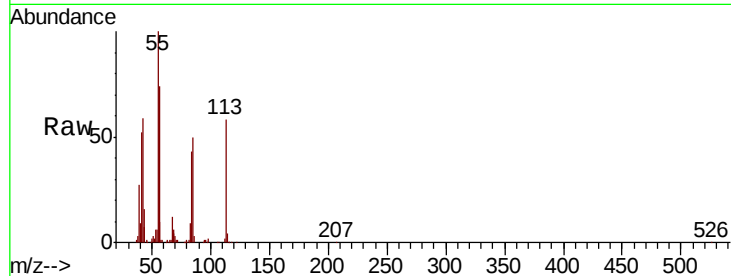




#35
 Caprolactam
 Concen: 34.230 ng
 RT: 11.72 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BG043827.D
 Acq: 17 Dec 2019 19:59

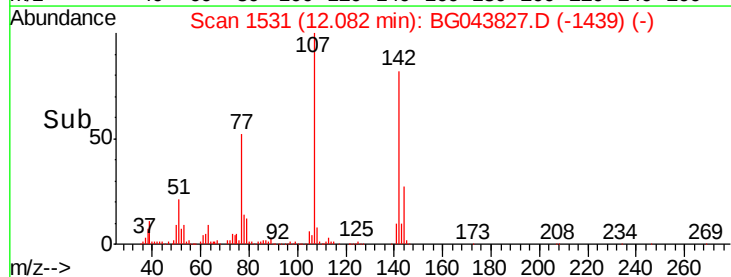
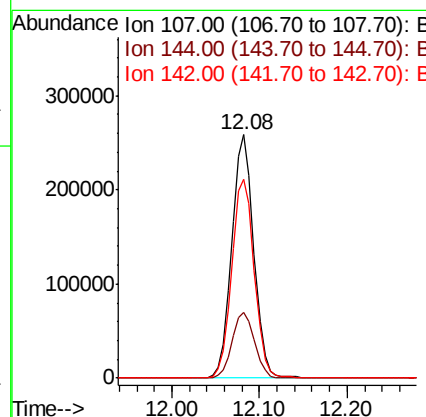
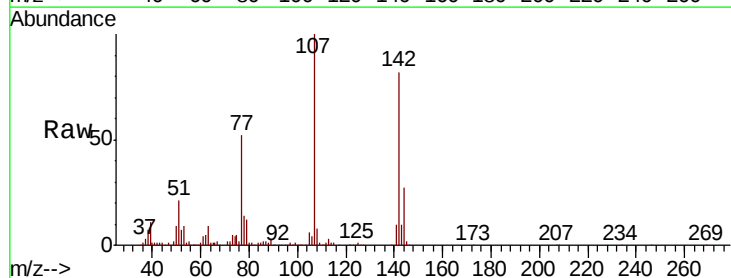
Instrument :
 BNA_G
 ClientSampleId :

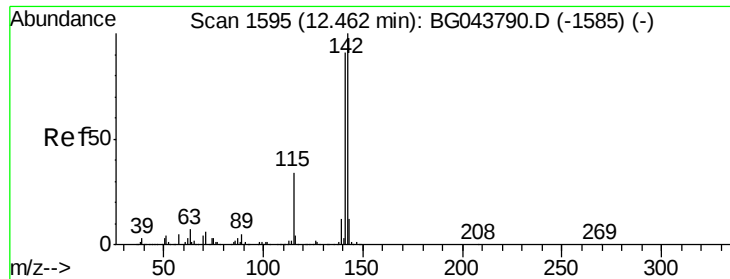
Tot Ion:113 Resp: 106346
 Ion Ratio Lower Upper
 113 100
 55 172.5 154.2 194.2
 56 128.4 105.6 145.6



#36
 4-Chloro-3-methylphenol
 Concen: 51.971 ng
 RT: 12.08 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: BG043827.D
 Acq: 17 Dec 2019 19:59

Tgt Ion:107 Resp: 442926
 Ion Ratio Lower Upper
 107 100
 144 26.9 22.2 33.4
 142 81.8 67.0 100.6

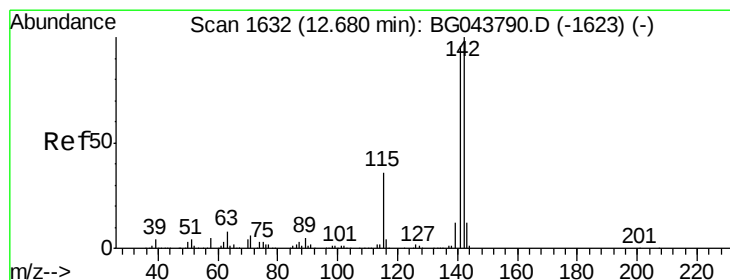
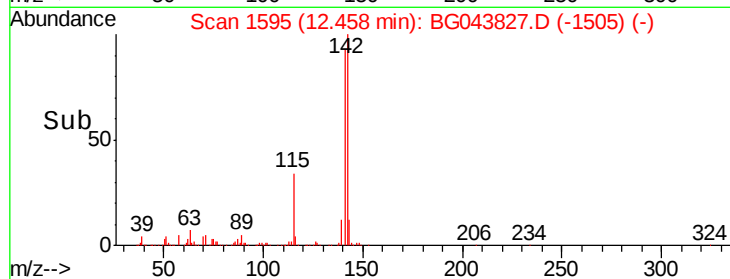
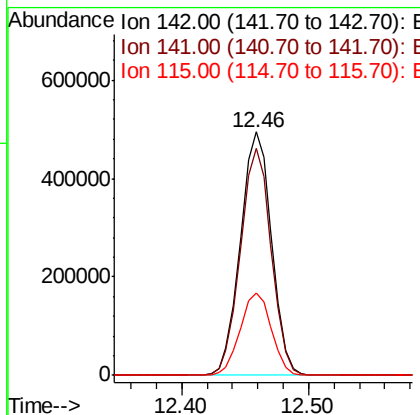
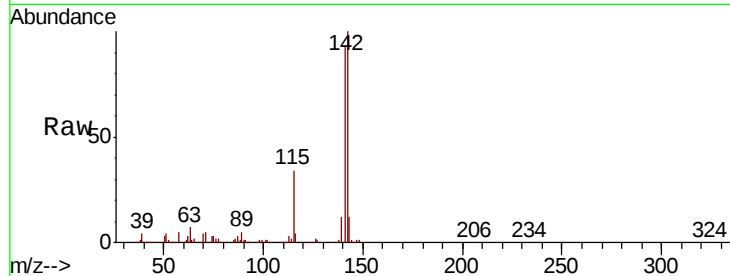




#37
2-Methylnaphthalene
Concen: 44.050 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

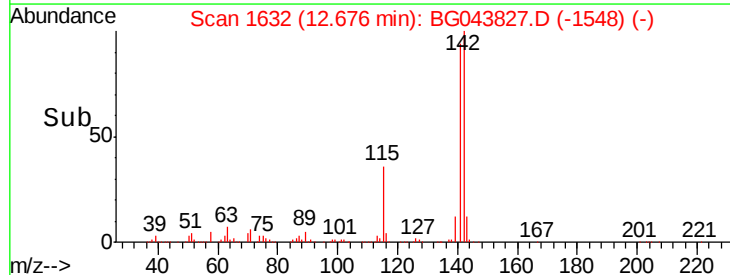
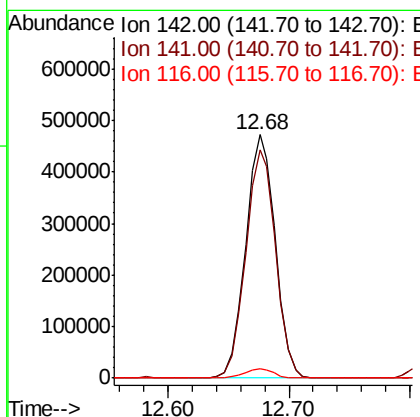
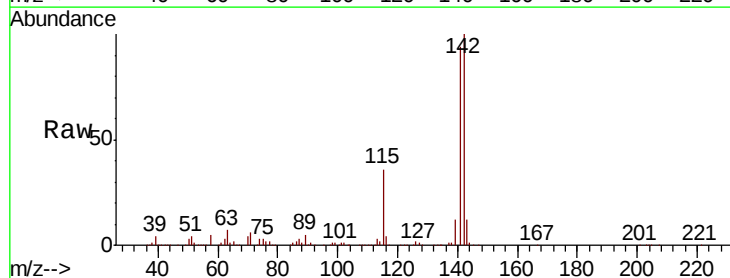
Instrument :
BNA_G
ClientSampleId :

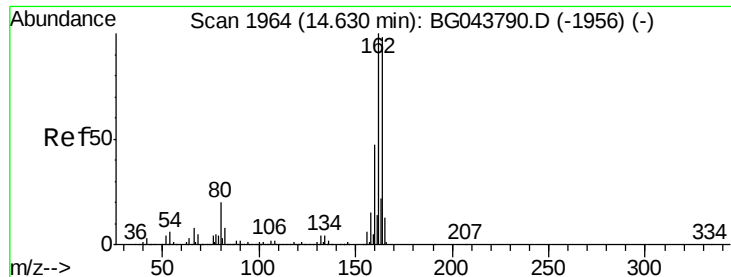
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.3	73.2	109.8
115	34.0	27.3	40.9



#38
1-Methylnaphthalene
Concen: 44.263 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	76.9	115.3
116	4.0	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG043827.D

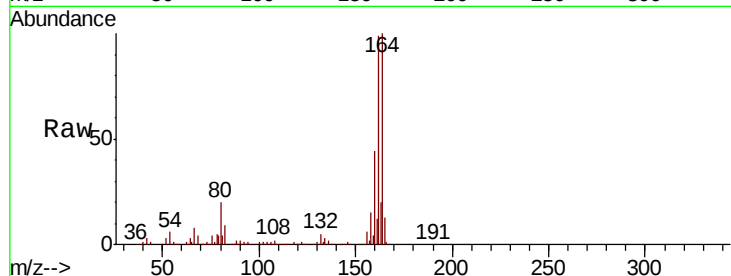
Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	164	Resp:	391192
Ion	Ratio	Lower	Upper
164	100		
162	99.2	81.9	122.9
160	44.5	38.3	57.5

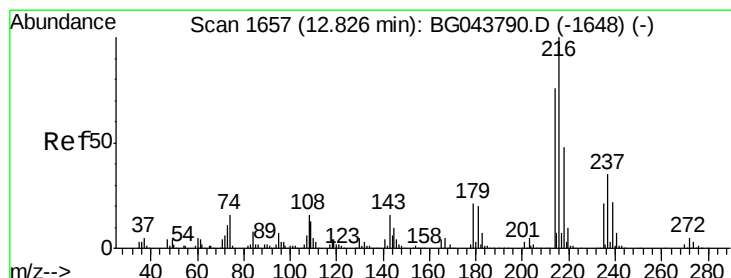
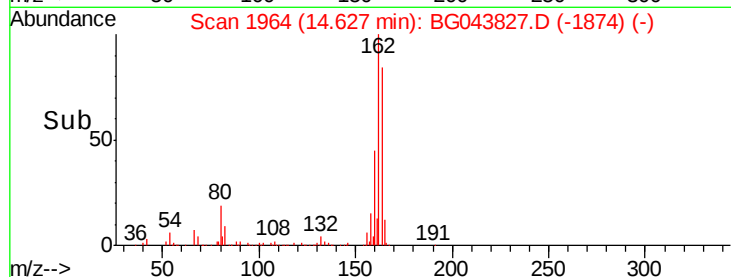
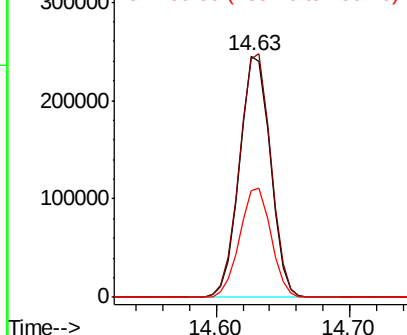


Abundance

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: 37.891 ng

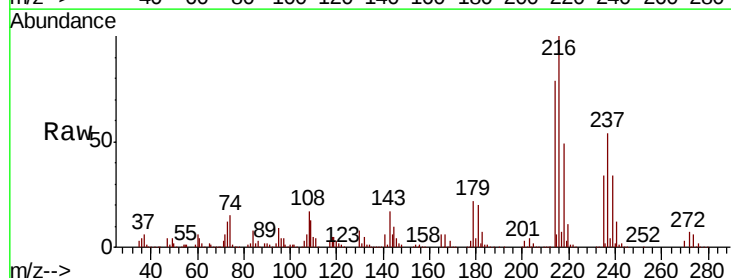
RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Tgt Ion:	216	Resp:	445404
Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.2	93.4
179	21.0	16.6	25.0
108	18.8	13.7	20.5



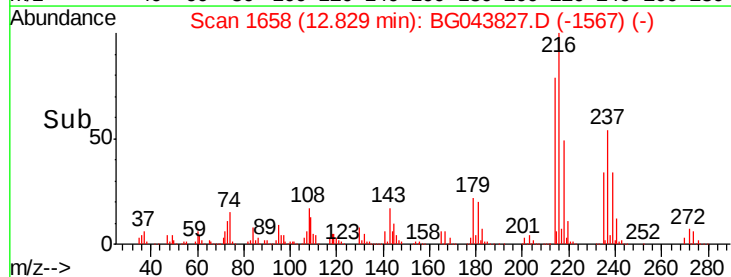
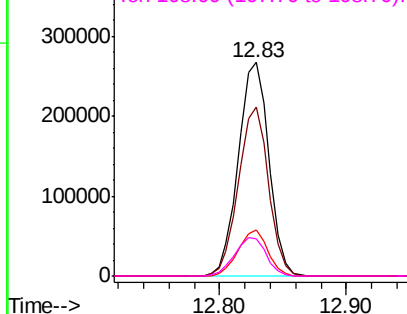
Abundance

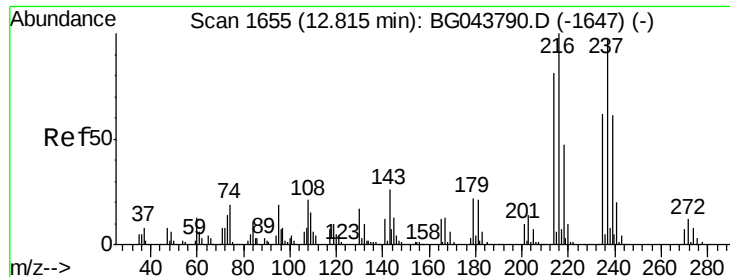
Ion 216.00 (215.70 to 216.70): E

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: 90.430 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

ClientSampleId :

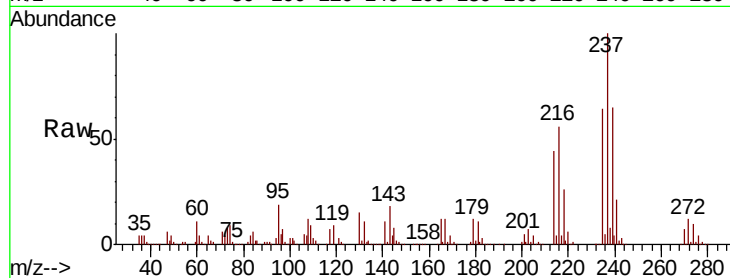
Tot Ion:237 Resp: 498939

Ion Ratio Lower Upper

237 100

235 64.1 43.9 83.9

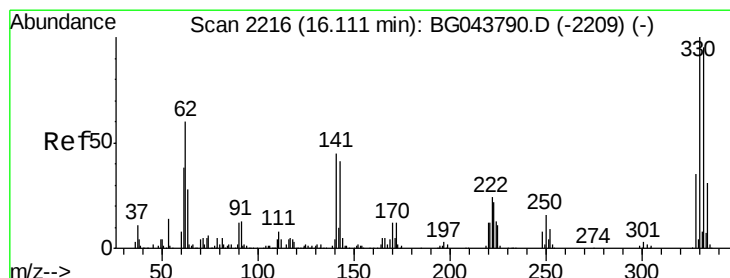
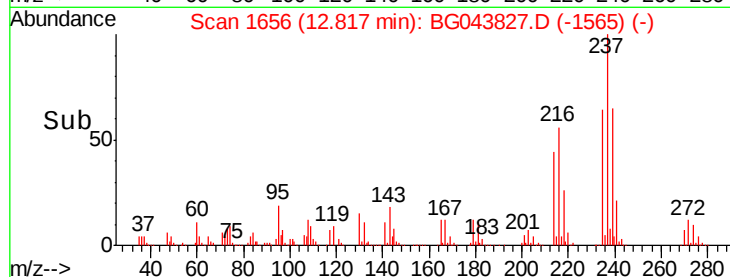
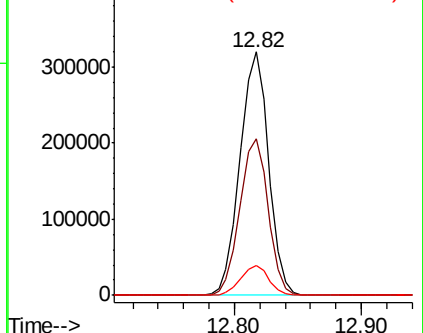
272 12.1 0.0 32.0



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: 125.268 ng

RT: 16.11 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

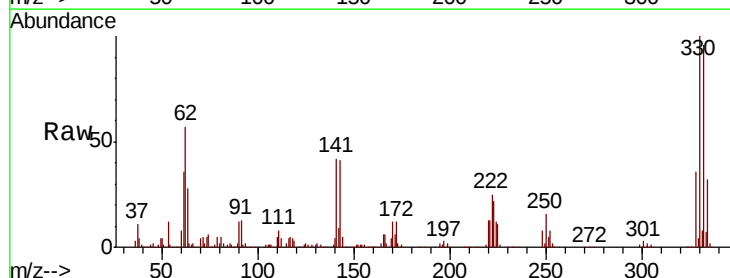
Tgt Ion:330 Resp: 467180

Ion Ratio Lower Upper

330 100

332 95.9 76.9 115.3

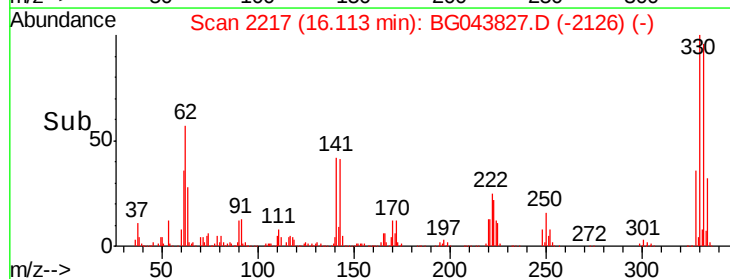
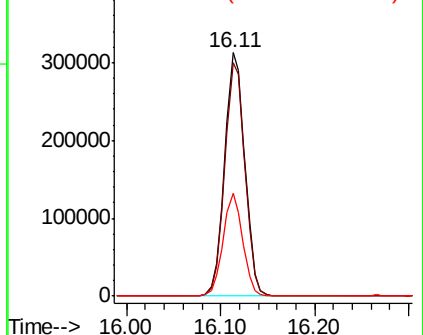
141 41.0 33.8 50.8

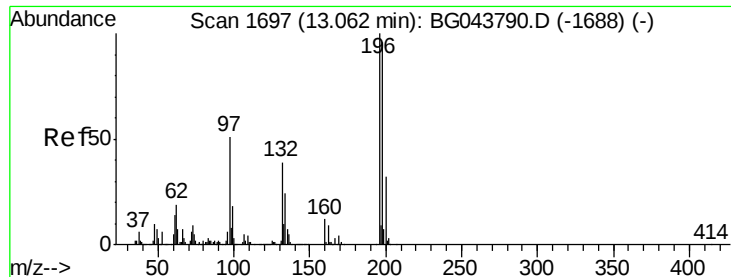


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

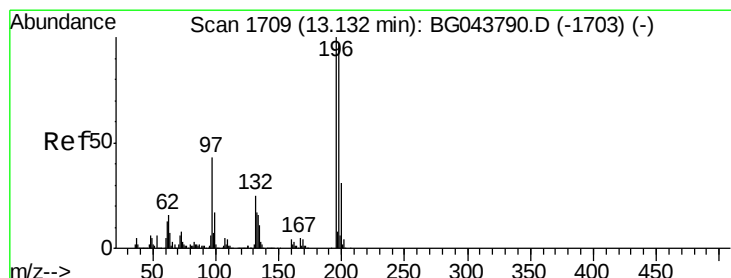
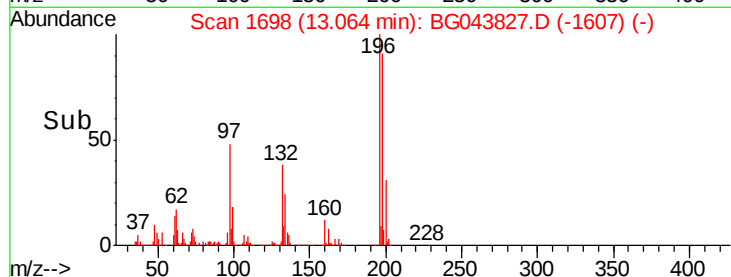
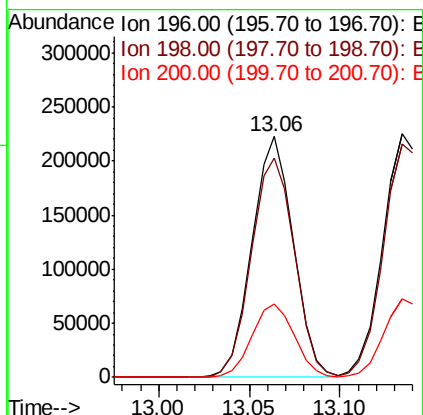
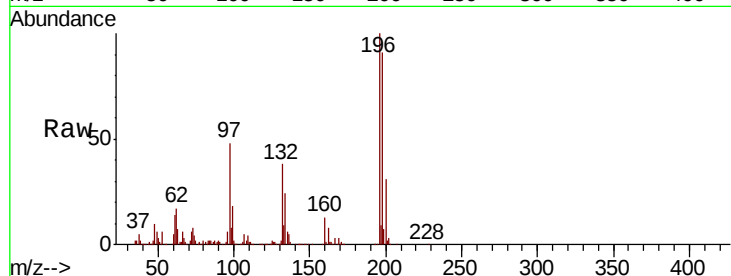




#43
 2,4,6-Trichlorophenol
 Concen: 47.195 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG043827.D
 Acq: 17 Dec 2019 19:59

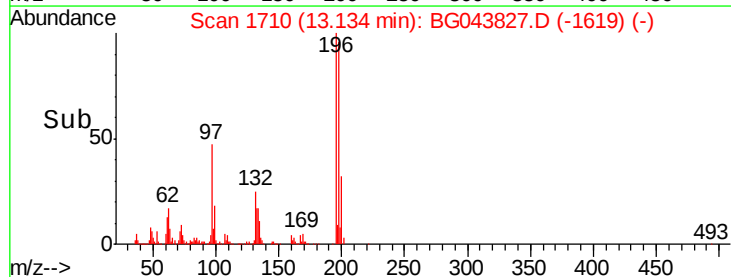
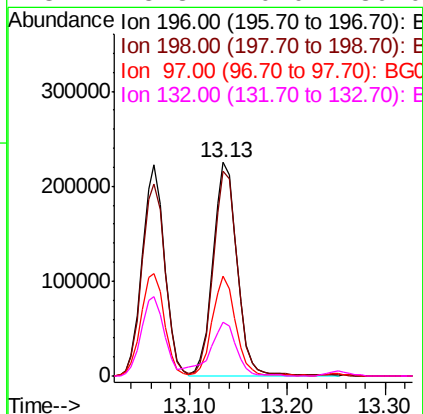
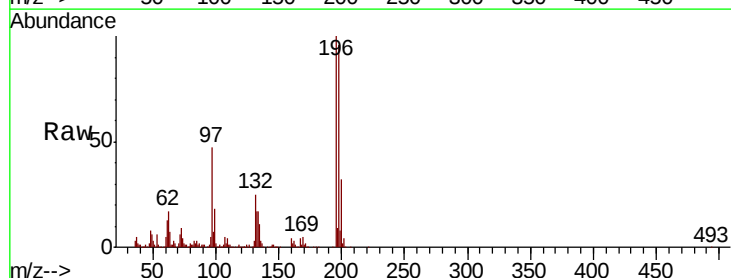
Instrument :
 BNA_G
 ClientSampleId :

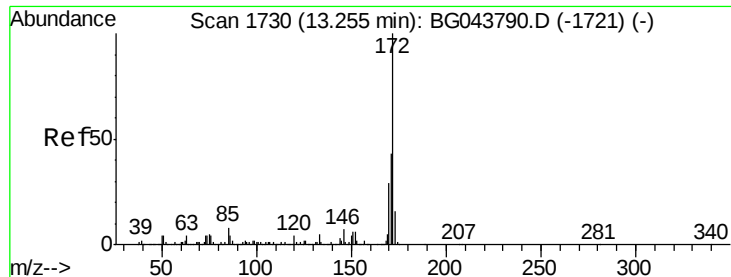
Tot Ion:196 Resp: 352614
 Ion Ratio Lower Upper
 196 100
 198 91.0 77.0 115.6
 200 30.7 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 48.985 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG043827.D
 Acq: 17 Dec 2019 19:59

Tgt Ion:196 Resp: 383434
 Ion Ratio Lower Upper
 196 100
 198 95.9 77.4 116.0
 97 47.0 34.7 52.1
 132 25.3 20.0 30.0

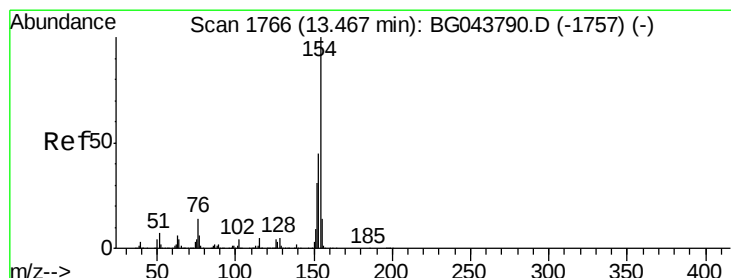
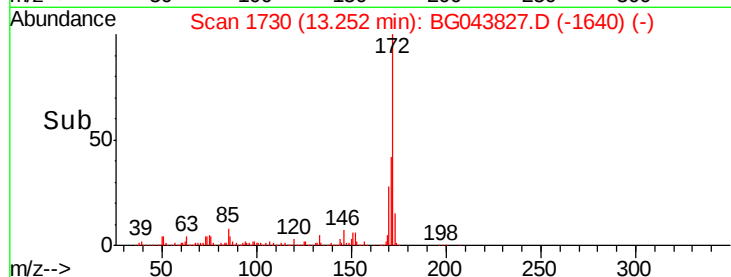
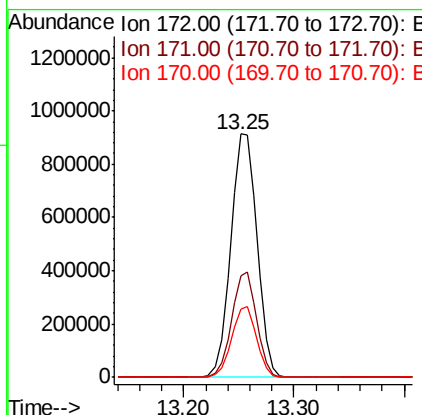
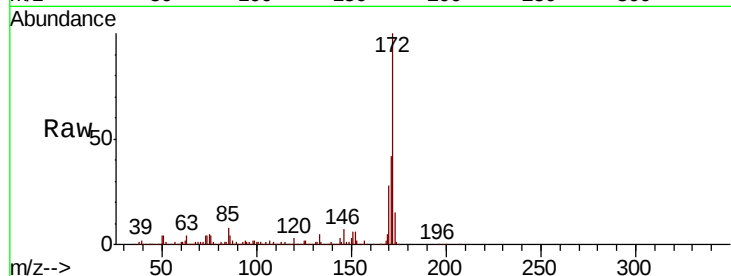




#45
2-Fluorobiphenyl
Concen: 68.560 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

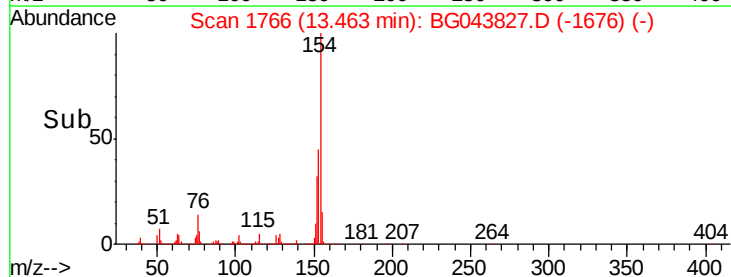
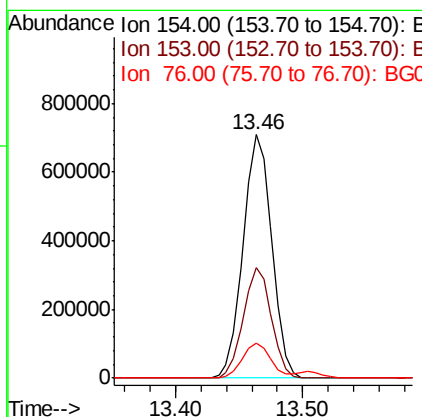
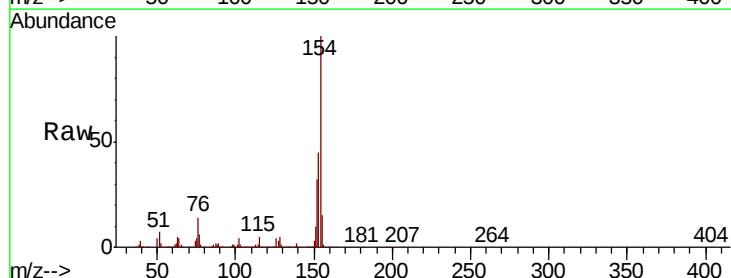
Instrument :
BNA_G
ClientSampleId :

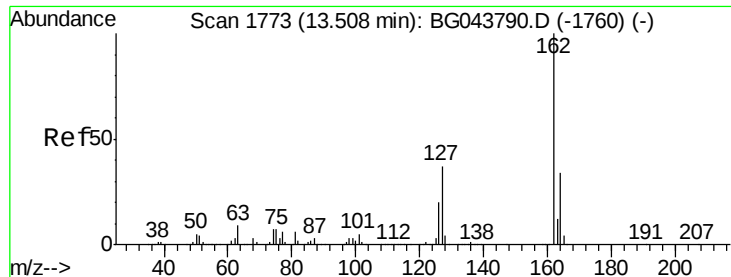
Tot Ion:172 Resp: 1526845
Ion Ratio Lower Upper
172 100
171 41.8 34.6 51.8
170 28.1 23.3 34.9



#46
1,1'-Biphenyl
Concen: 41.294 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion:154 Resp: 1113654
Ion Ratio Lower Upper
154 100
153 45.2 24.5 64.5
76 14.1 0.0 33.9

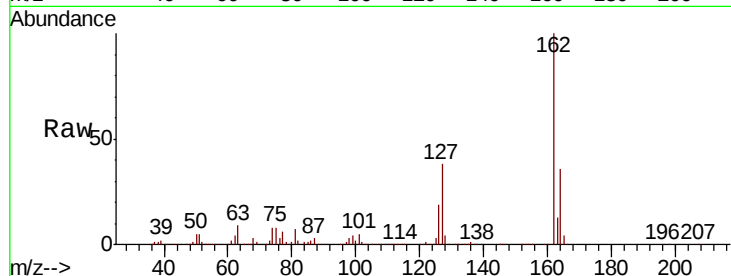




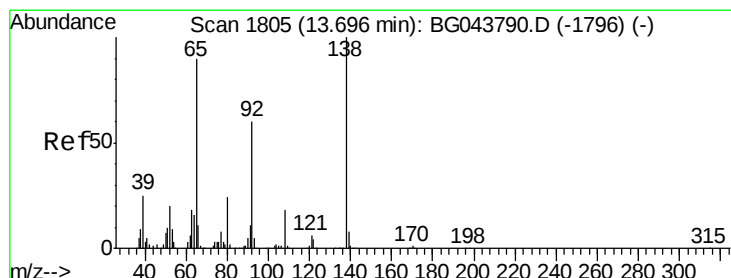
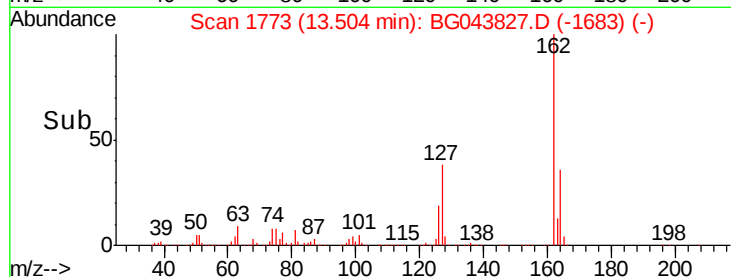
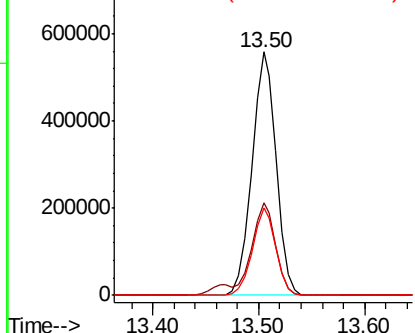
#47
2-Chloronaphthalene
Concen: 40.297 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	30.0	45.0
164	35.9	27.6	41.4

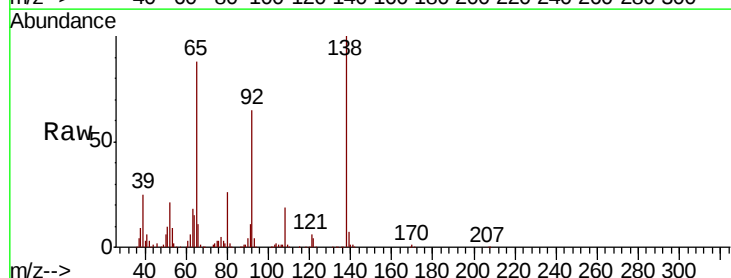


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

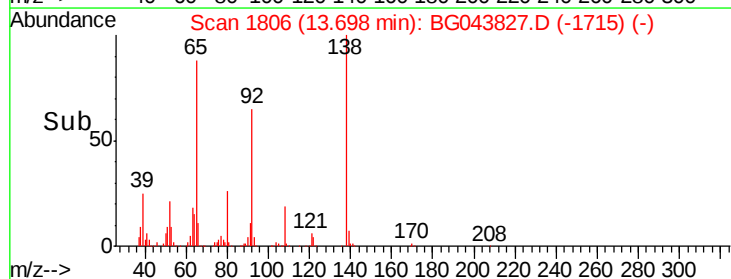
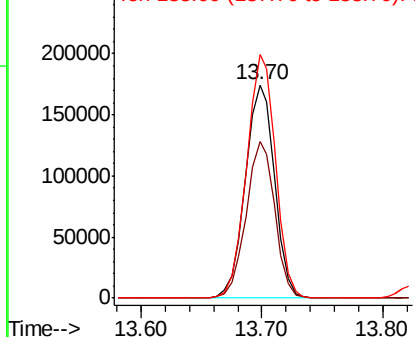


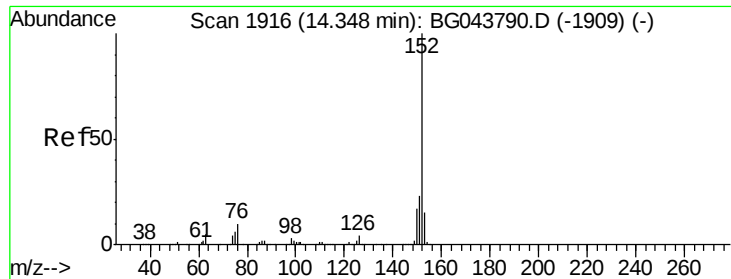
#48
2-Nitroaniline
Concen: 45.293 ng
RT: 13.70 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.6	53.7	80.5
138	114.0	88.8	133.2



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.870 ng

RT: 14.35 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

ClientSampleId :

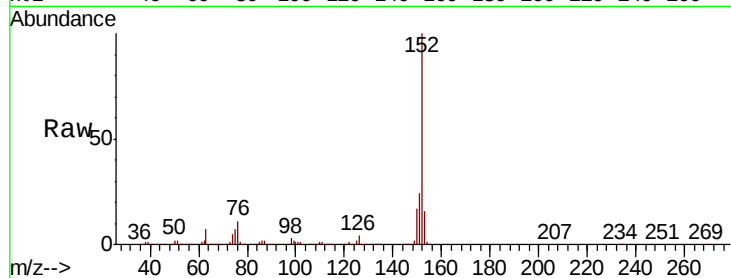
Tot Ion:152 Resp: 1440819

Ion Ratio Lower Upper

152 100

151 24.3 18.5 27.7

153 15.6 11.8 17.8

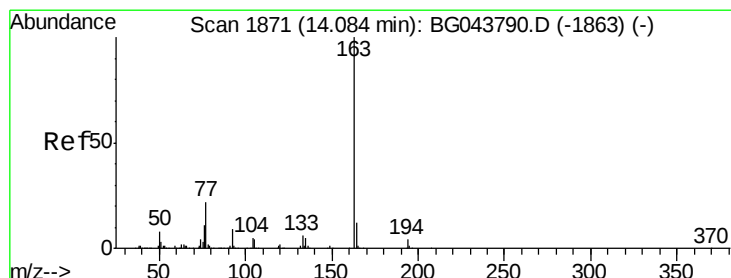
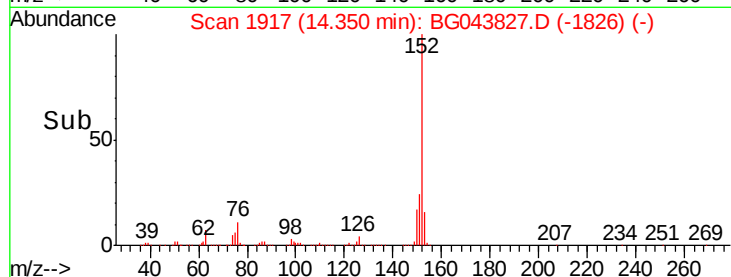
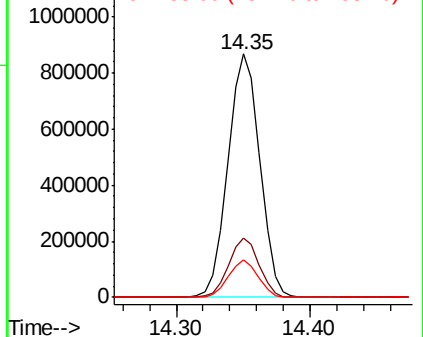


Abundance

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: 46.101 ng

RT: 14.09 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

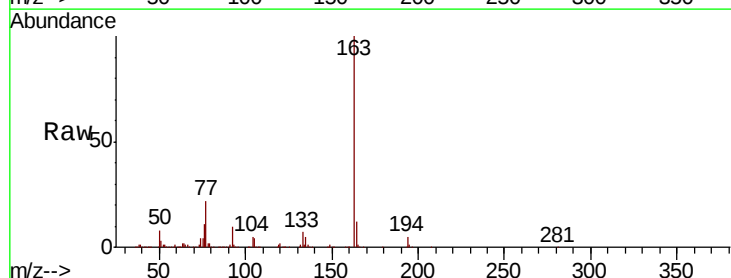
Tgt Ion:163 Resp: 1287199

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

164 12.0 9.4 14.0

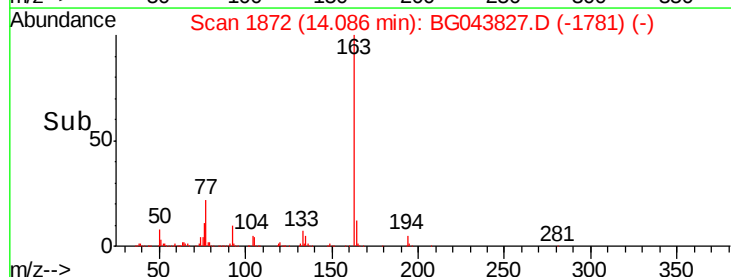
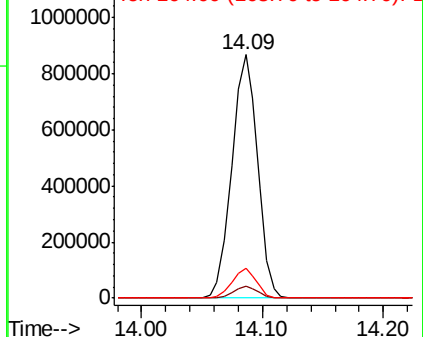


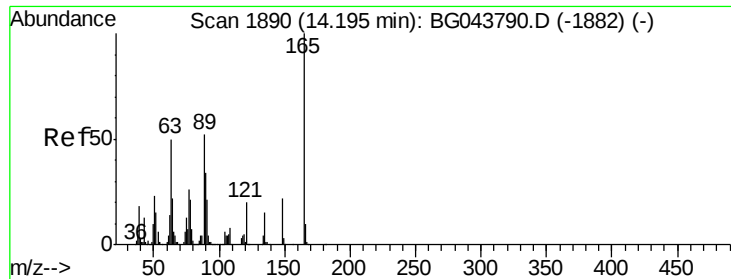
Abundance

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: 47.805 ng

RT: 14.19 min Scan# 1890

Delta R.T. -0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

ClientSampleId :

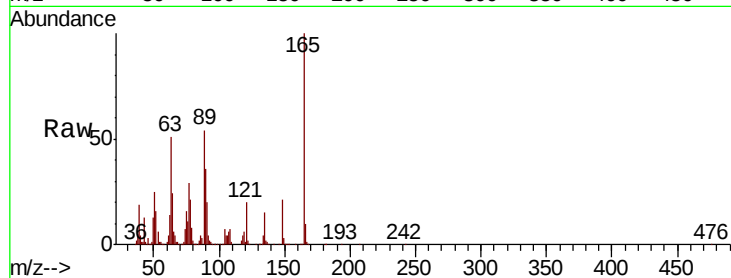
Tot Ion:165 Resp: 287648

Ion Ratio Lower Upper

165 100

63 51.3 40.3 60.5

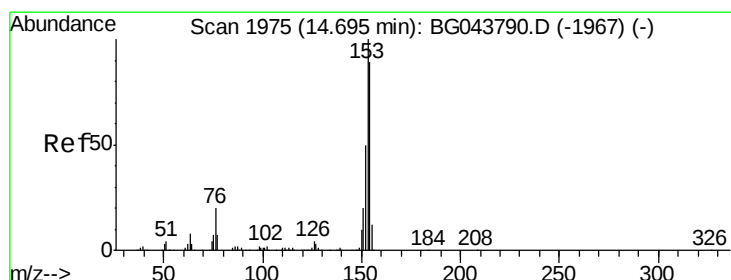
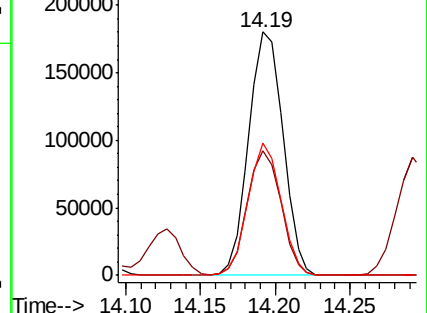
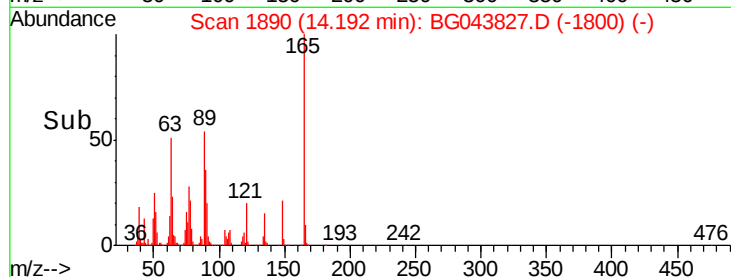
89 54.1 41.8 62.8



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



#52

Acenaphthene

Concen: 47.677 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

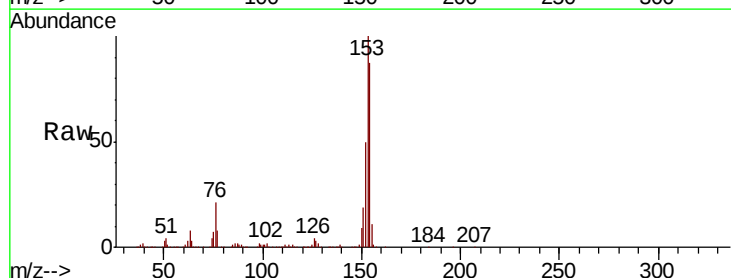
Tgt Ion:154 Resp: 1030111

Ion Ratio Lower Upper

154 100

153 115.2 89.5 134.3

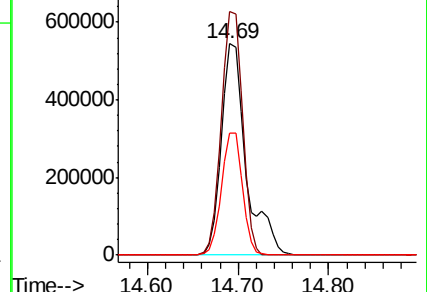
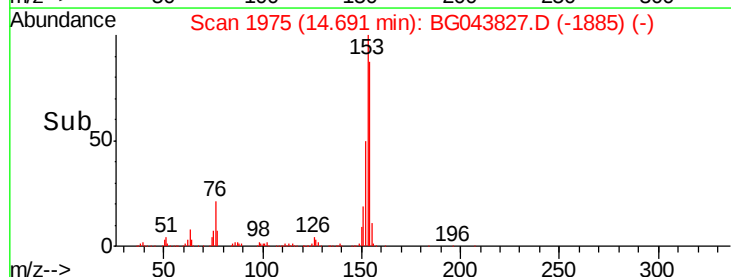
152 57.5 45.0 67.4

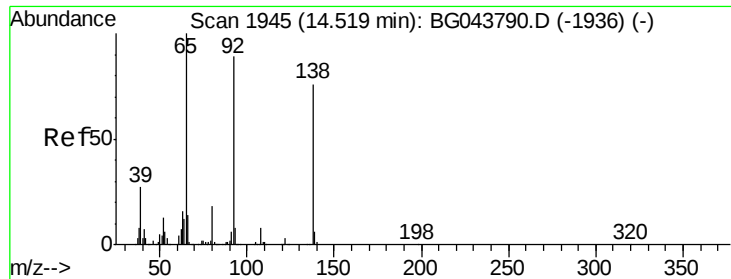


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

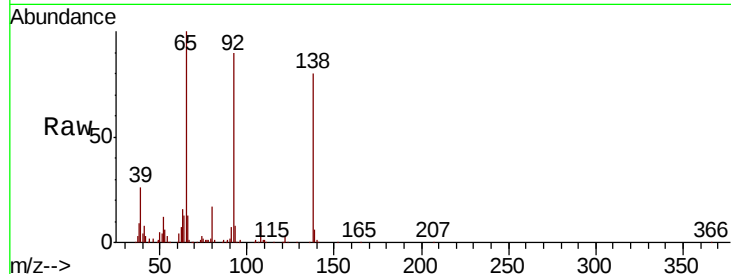




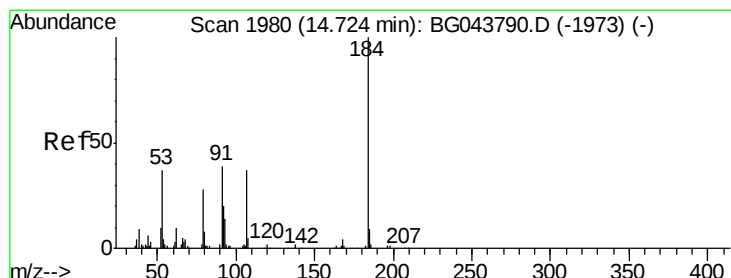
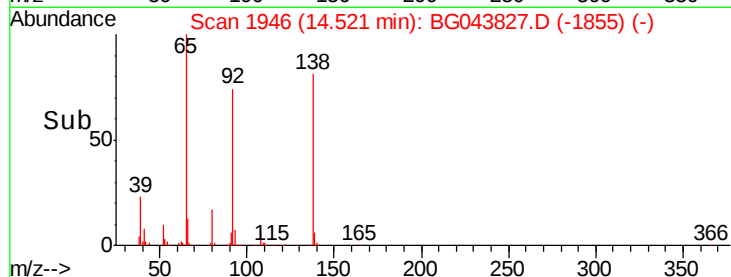
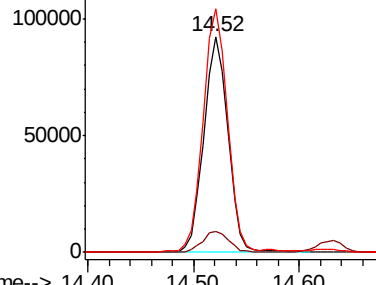
#53
3-Nitroaniline
Concen: 21.115 ng
RT: 14.52 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 145393
Ion Ratio Lower Upper
138 100
108 9.6 8.1 12.1
92 113.0 94.6 141.8

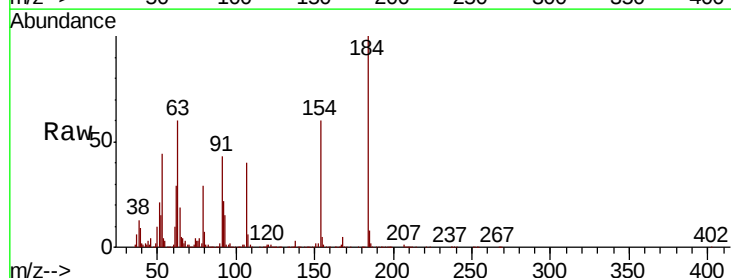


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

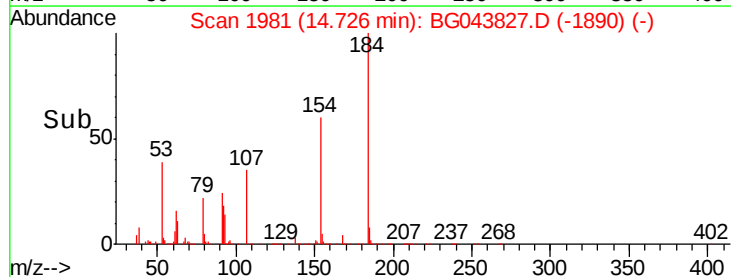
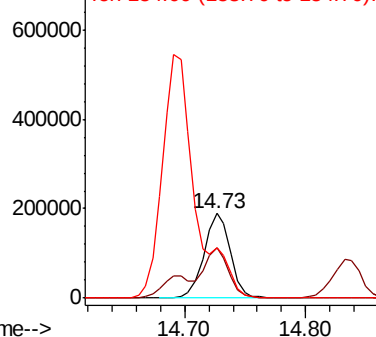


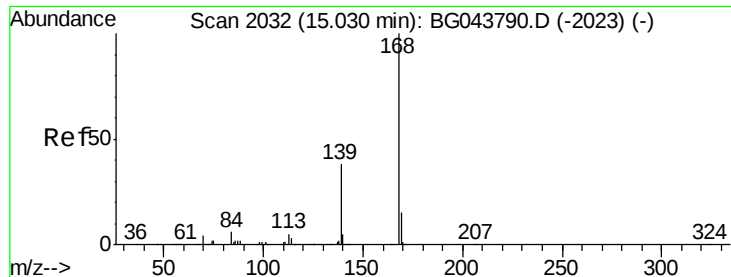
#54
2,4-Dinitrophenol
Concen: 103.645 ng
RT: 14.73 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion:184 Resp: 286380
Ion Ratio Lower Upper
184 100
63 60.1 43.4 65.0
154 59.7 54.8 82.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

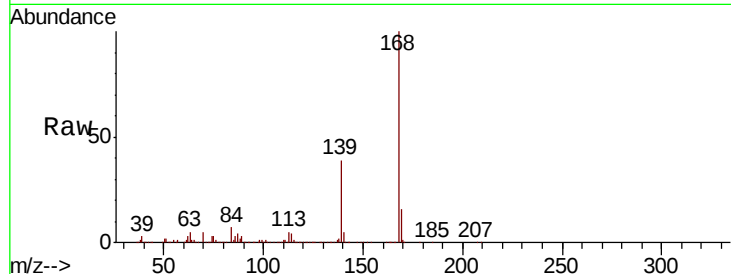




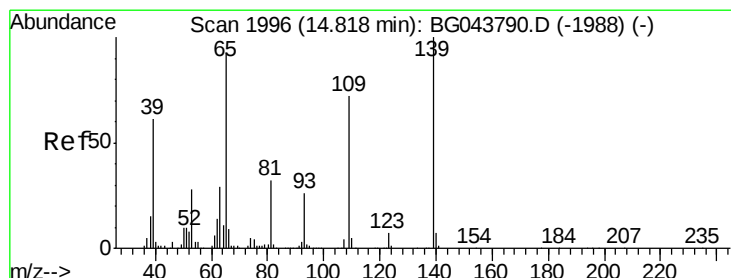
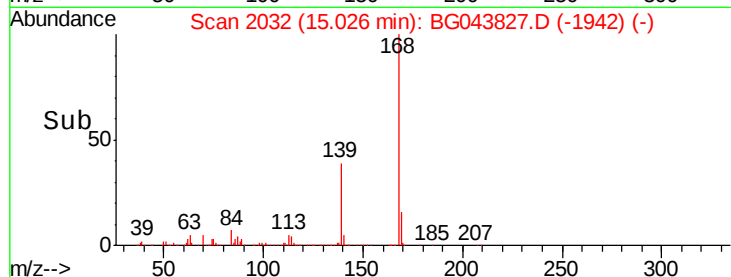
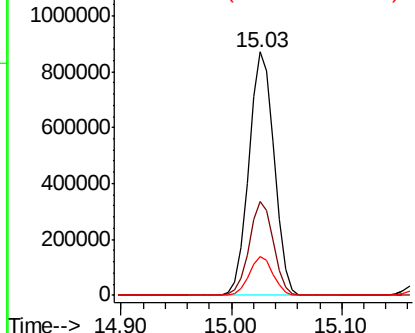
#55
Dibenzofuran
Concen: 43.657 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 1396252
Ion Ratio Lower Upper
168 100
139 38.8 30.4 45.6
169 15.9 12.0 18.0

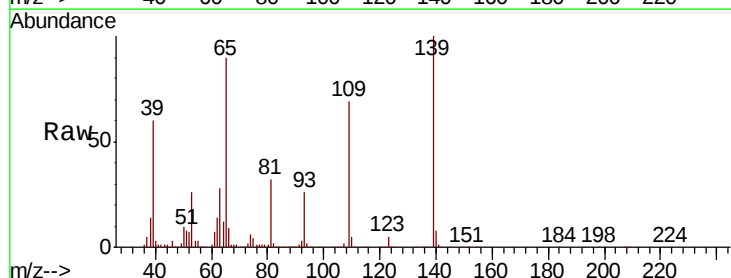


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

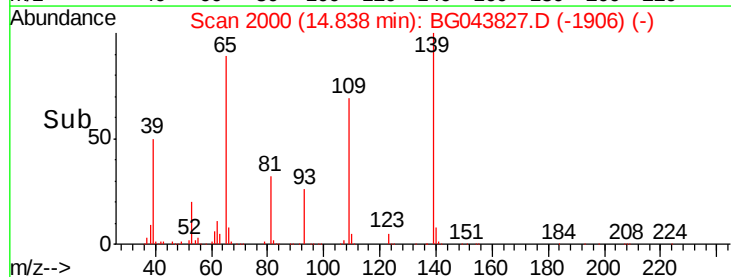
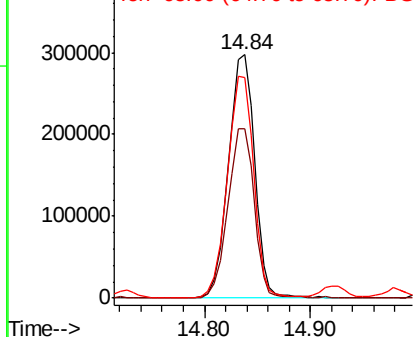


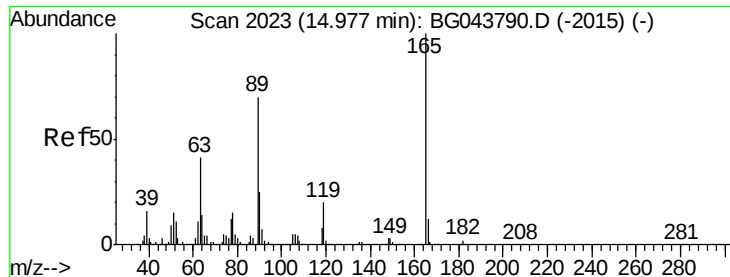
#56
4-Nitrophenol
Concen: 101.325 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.02 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion:139 Resp: 509001
Ion Ratio Lower Upper
139 100
109 69.4 51.5 91.5
65 90.5 73.7 113.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

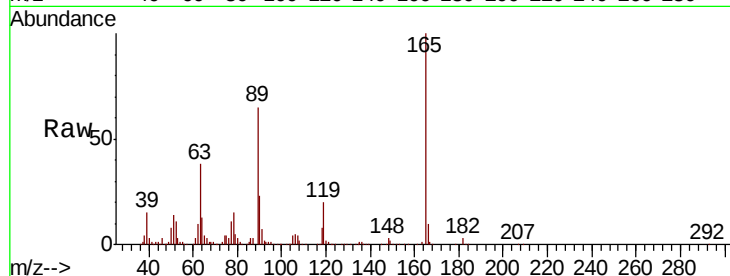




#57
2,4-Dinitrotoluene
Concen: 48.496 ng
RT: 14.98 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.1	32.7	49.1
89	64.6	56.1	84.1
182	2.5	2.0	3.0



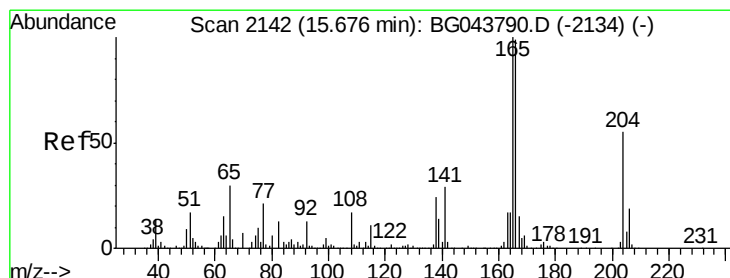
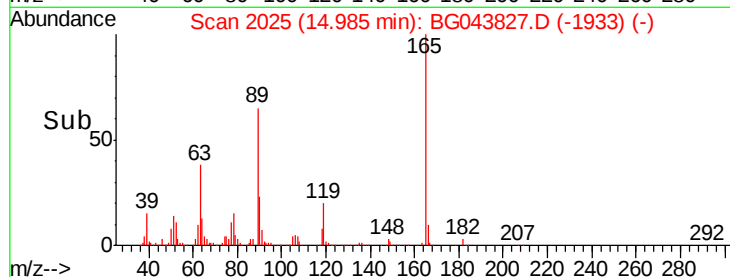
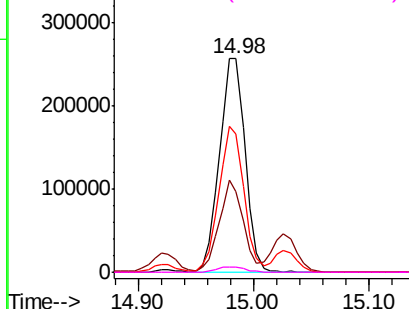
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

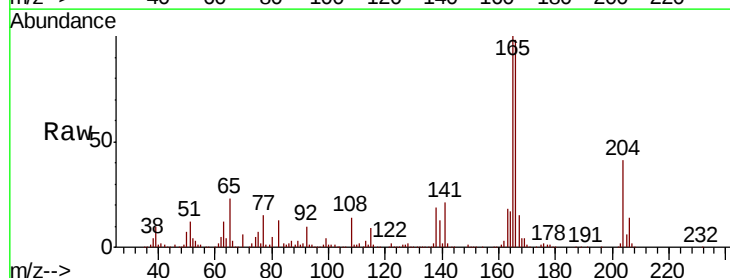
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.270 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.9	80.5	120.7
167	15.4	12.1	18.1

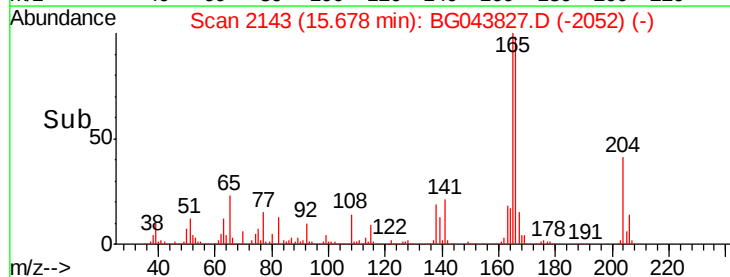
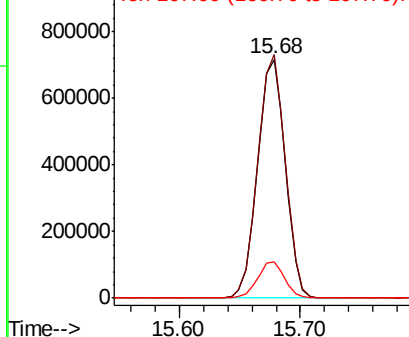


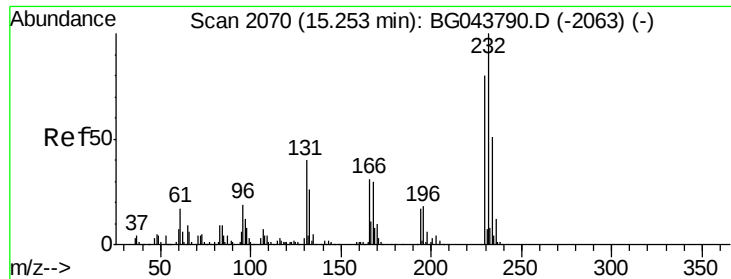
Abundance

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: 48.634 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.08 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 341565

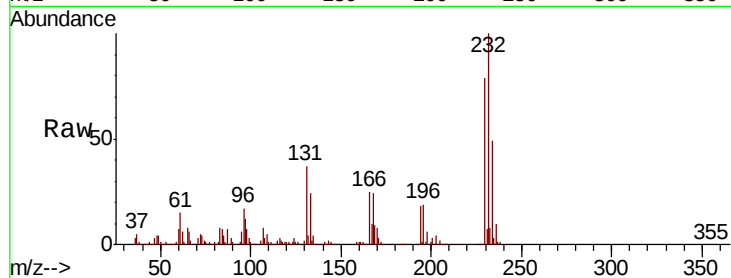
Ion Ratio Lower Upper

232 100

131 36.5 27.9 41.9

130 2.4 1.8 2.8

166 24.9 19.4 29.2

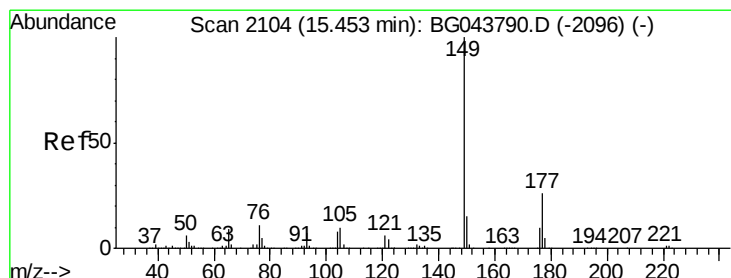
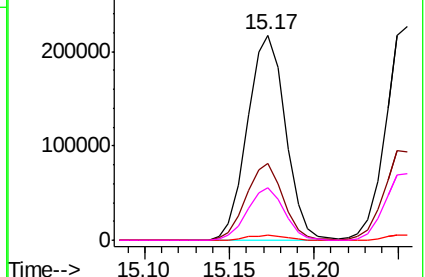
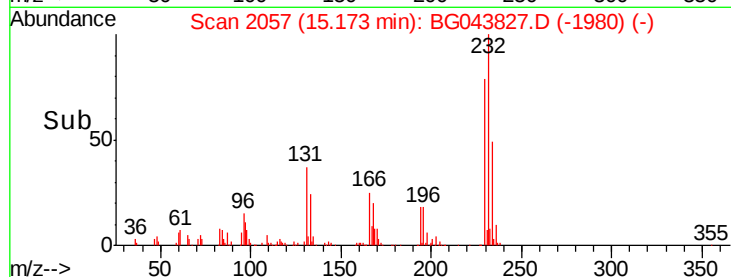


Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.960 ng

RT: 15.45 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

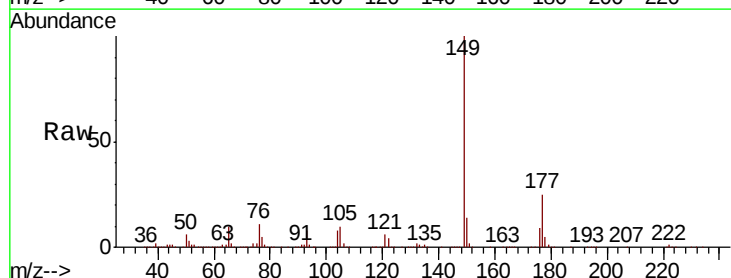
Tgt Ion:149 Resp: 1198141

Ion Ratio Lower Upper

149 100

177 25.4 20.4 30.6

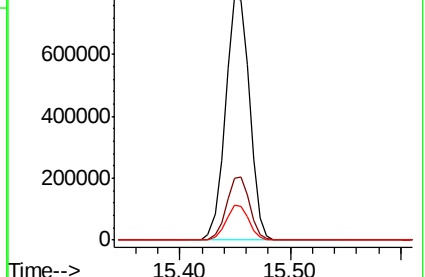
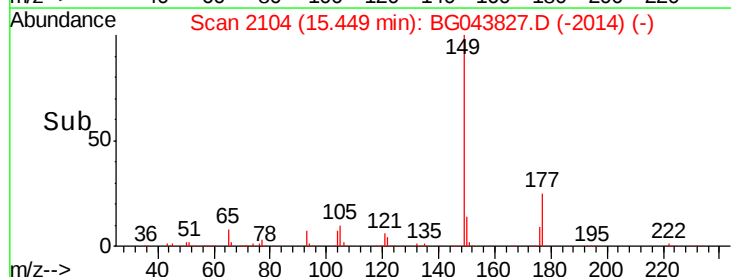
150 14.4 11.6 17.4

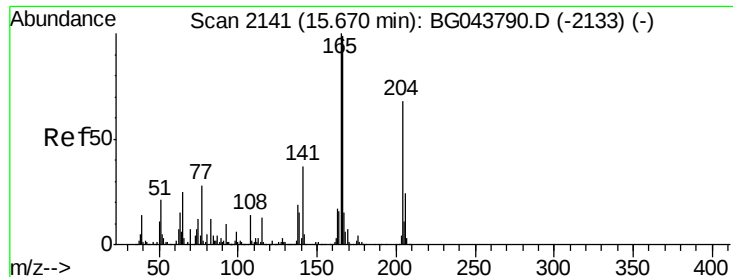


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

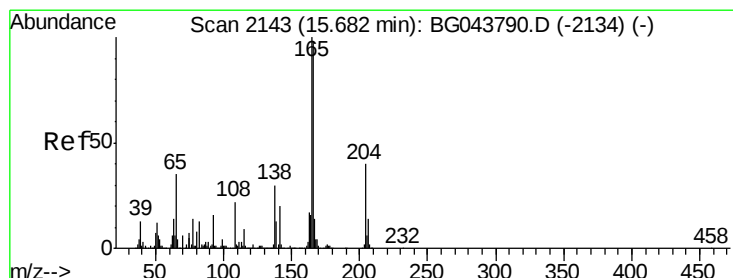
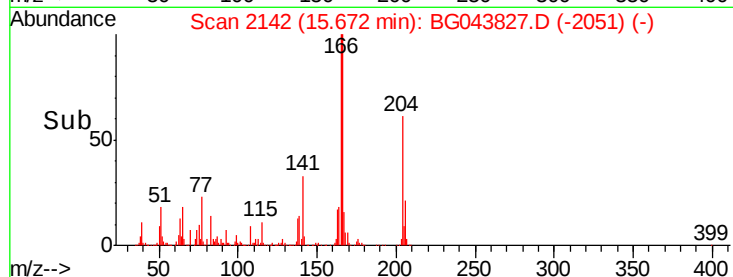
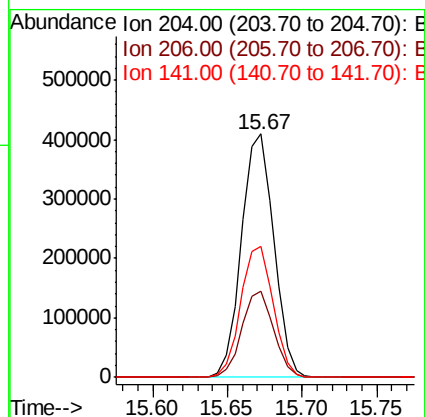
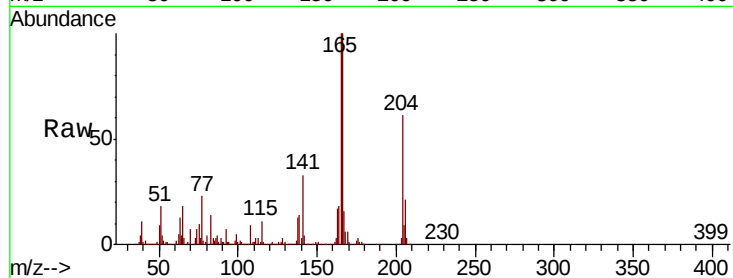




#61
4-Chlorophenyl-phenylether
Concen: 42.599 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

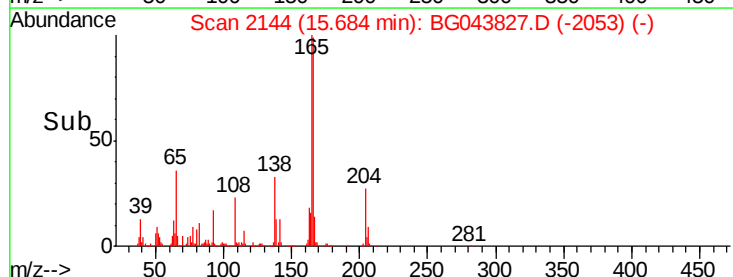
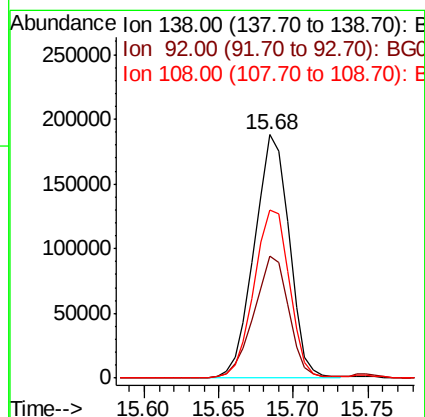
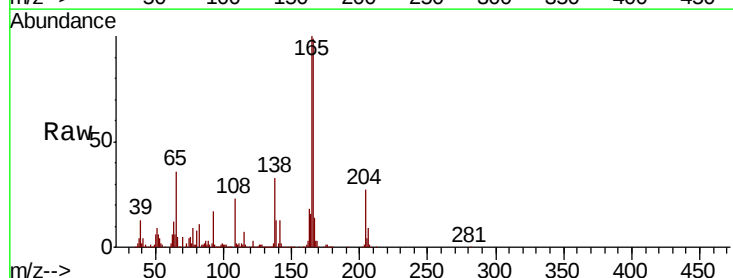
Instrument :
BNA_G
ClientSampleId :

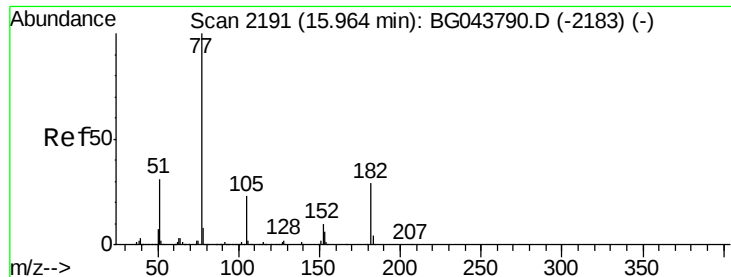
Tot Ion:204 Resp: 615016
Ion Ratio Lower Upper
204 100
206 35.2 28.1 42.1
141 53.6 44.1 66.1



#62
4-Nitroaniline
Concen: 42.607 ng
RT: 15.68 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion:138 Resp: 303977
Ion Ratio Lower Upper
138 100
92 50.1 31.5 71.5
108 69.2 53.1 93.1





#63

Azobenzene

Concen: 43.900 ng

RT: 15.96 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 1124803

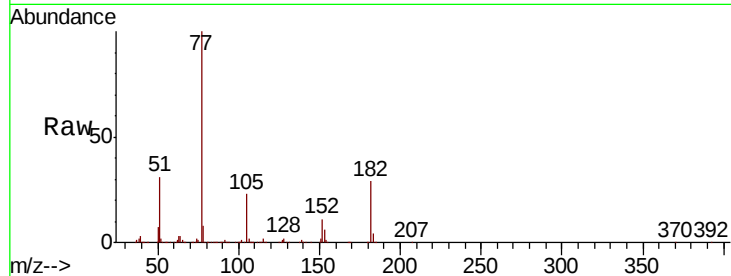
Ion Ratio Lower Upper

77 100

182 28.9 9.0 49.0

105 22.6 2.9 42.9

51 31.0 10.6 50.6

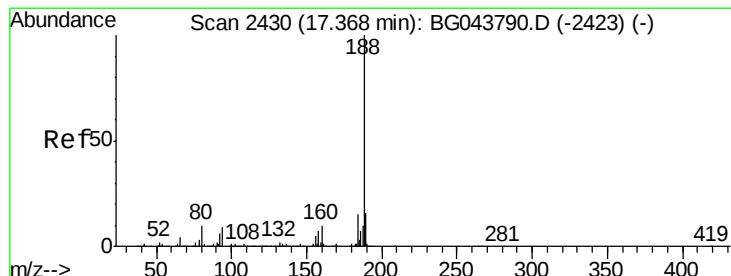
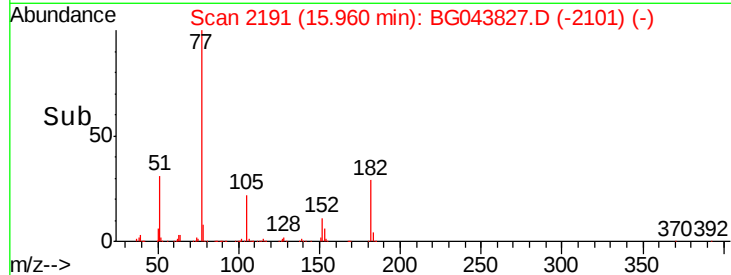
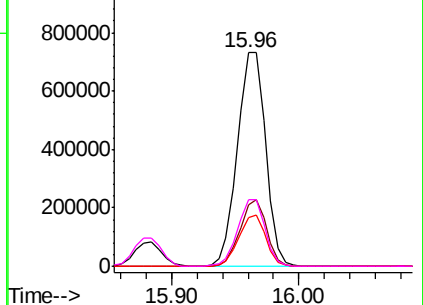


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.37 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

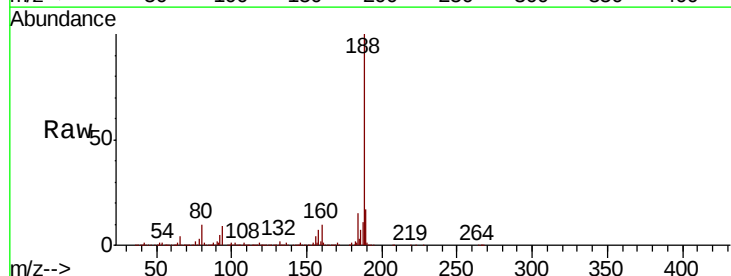
Tgt Ion: 188 Resp: 895565

Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

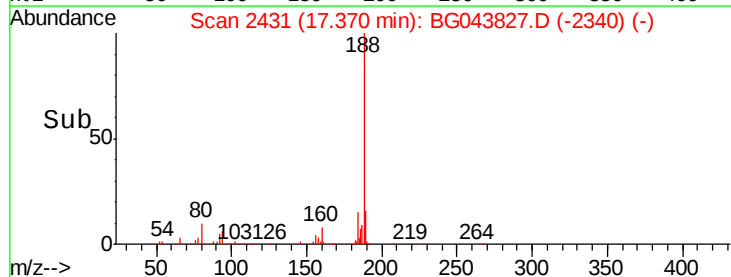
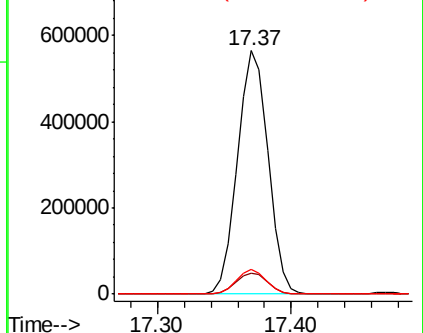
80 10.1 7.8 11.8

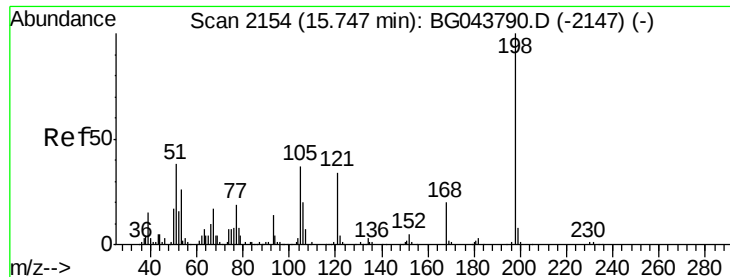


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 57.243 ng

RT: 15.75 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

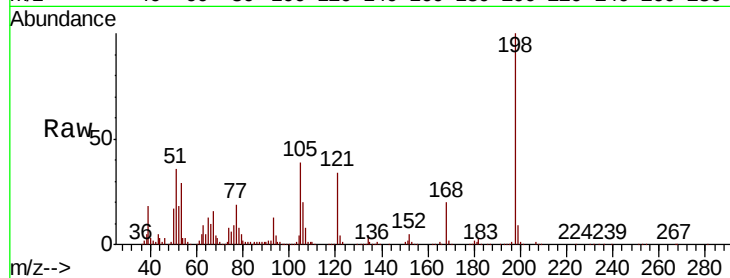
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 205667

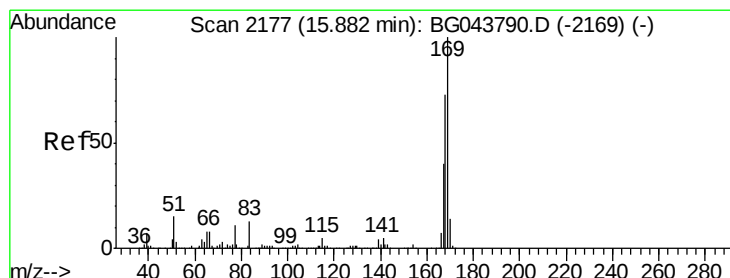
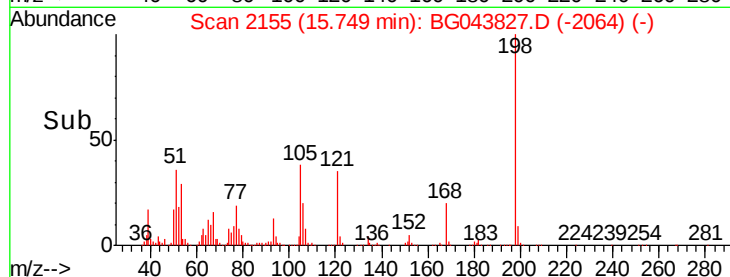
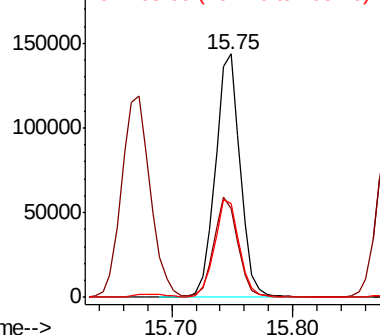
Ion	Ratio	Lower	Upper
198	100		
51	36.3	18.9	58.9
105	38.6	18.1	58.1



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: 43.526 ng

RT: 15.88 min Scan# 2178

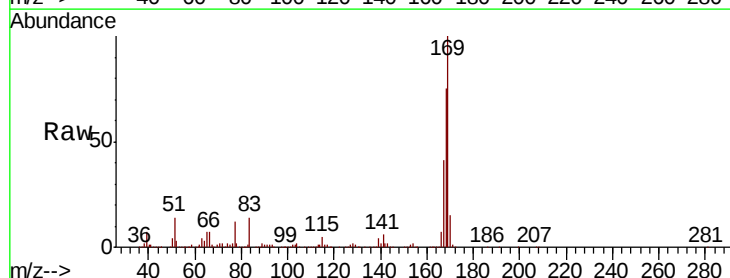
Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Tgt Ion:169 Resp: 1083402

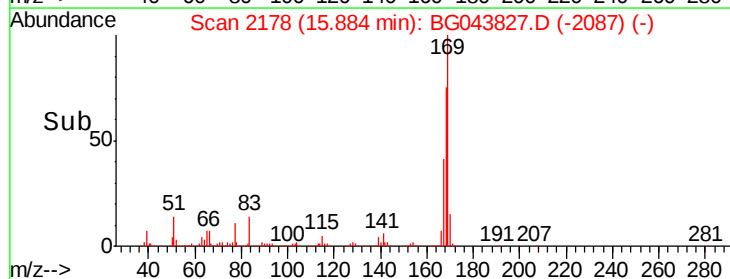
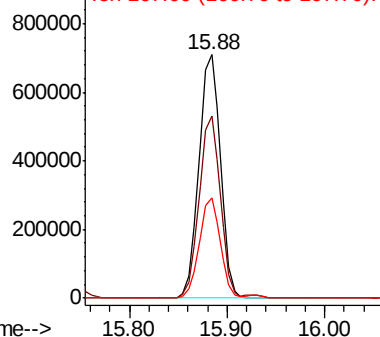
Ion	Ratio	Lower	Upper
169	100		
168	74.8	58.5	87.7
167	41.1	32.1	48.1

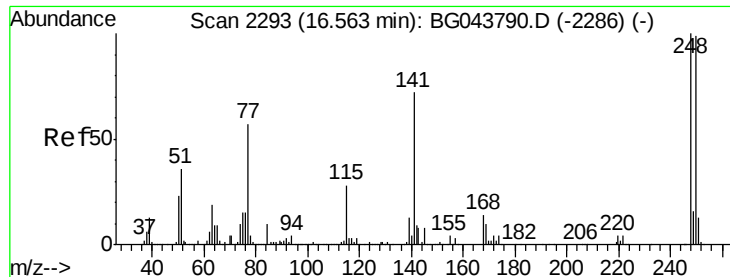


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

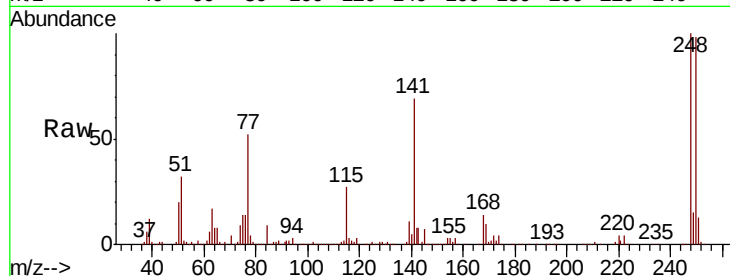




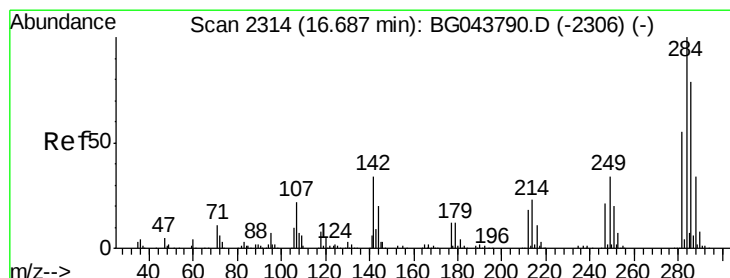
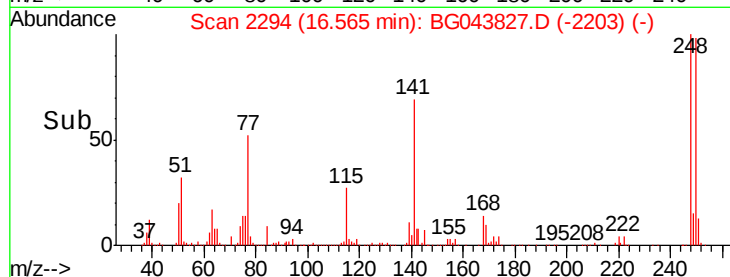
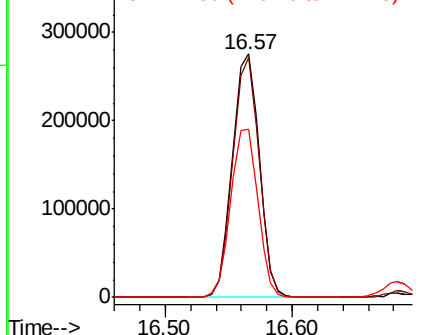
#67
 4-Bromophenyl-phenylether
 Concen: 42.169 ng
 RT: 16.57 min Scan# 2294
 Delta R.T. 0.00 min
 Lab File: BG043827.D
 Acq: 17 Dec 2019 19:59

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 403756
 Ion Ratio Lower Upper
 248 100
 250 98.3 79.0 118.6
 141 69.1 57.8 86.6

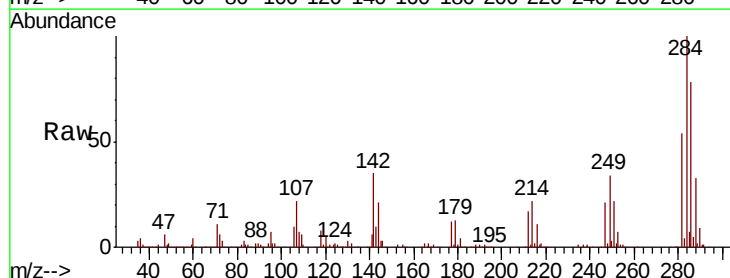


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

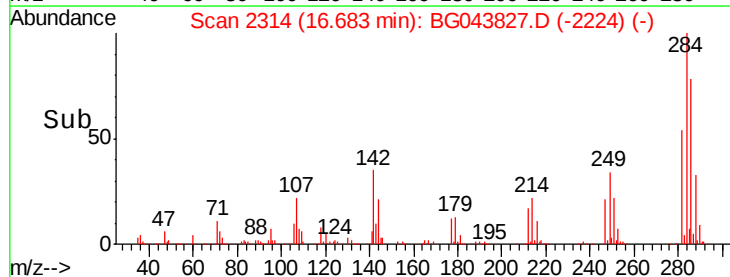
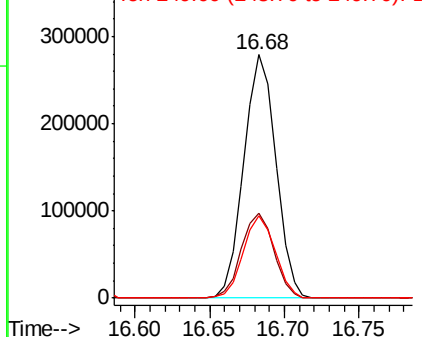


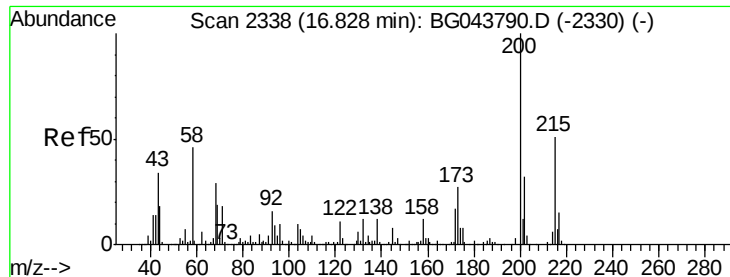
#68
 Hexachlorobenzene
 Concen: 40.832 ng
 RT: 16.68 min Scan# 2314
 Delta R.T. -0.00 min
 Lab File: BG043827.D
 Acq: 17 Dec 2019 19:59

Tgt Ion:284 Resp: 414655
 Ion Ratio Lower Upper
 284 100
 142 35.0 27.0 40.6
 249 33.7 27.2 40.8



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: 46.750 ng

RT: 16.83 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

ClientSampleId :

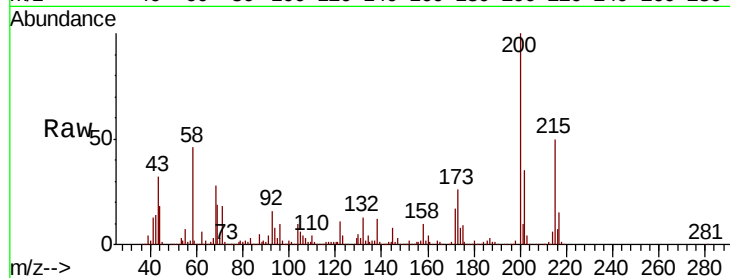
Tot Ion:200 Resp: 370972

Ion Ratio Lower Upper

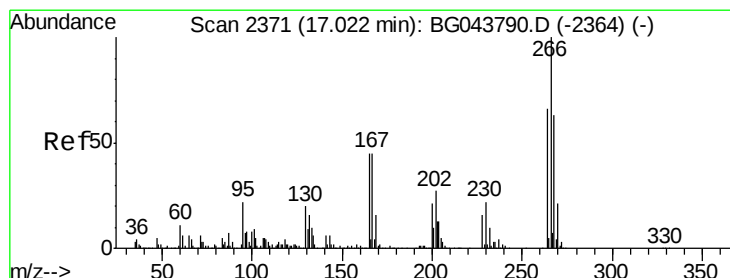
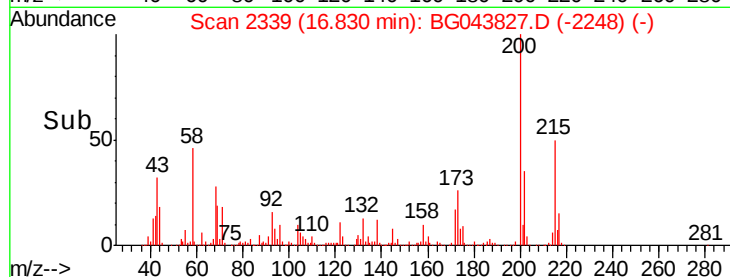
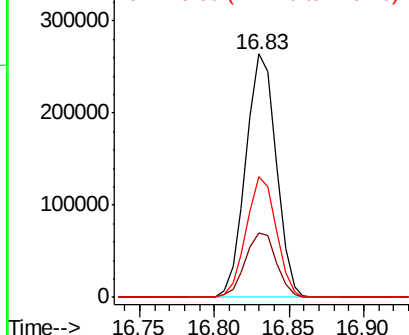
200 100

173 26.4 7.4 47.4

215 49.7 30.5 70.5



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: 98.100 ng

RT: 17.02 min Scan# 2372

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

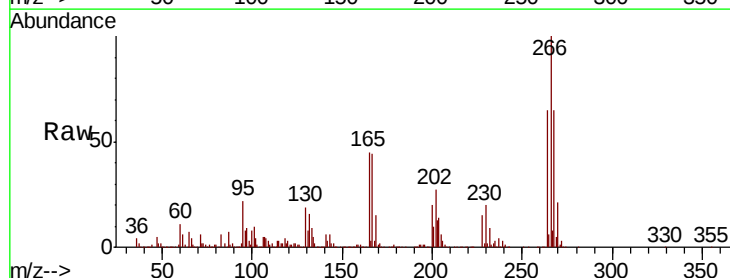
Tgt Ion:266 Resp: 529924

Ion Ratio Lower Upper

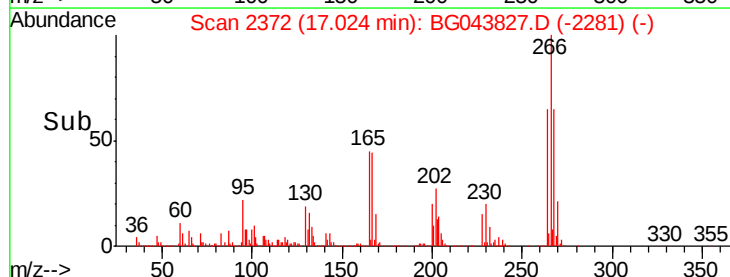
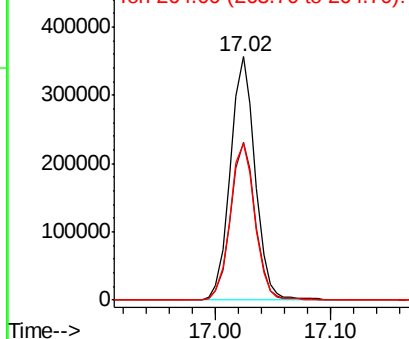
266 100

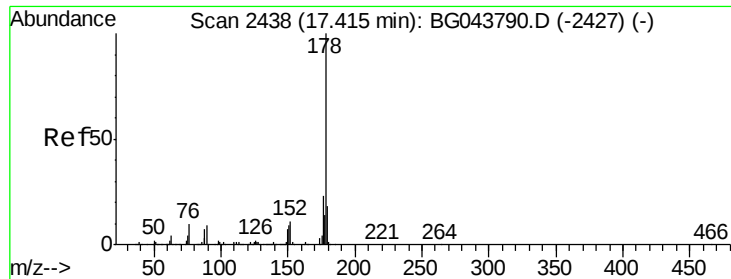
268 64.7 50.8 76.2

264 64.5 53.0 79.4



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: 42.924 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

ClientSampleId :

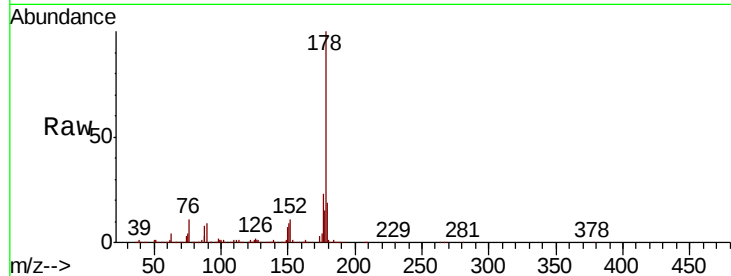
Tot Ion:178 Resp: 1819828

Ion Ratio Lower Upper

178 100

176 23.4 18.6 27.8

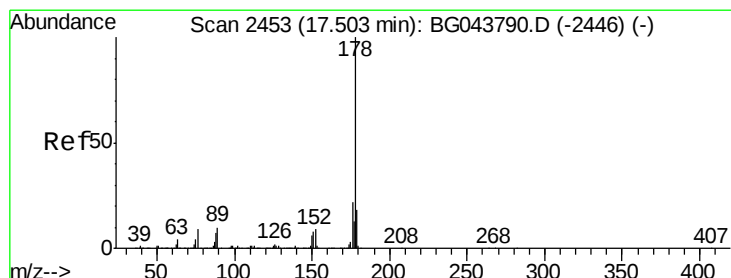
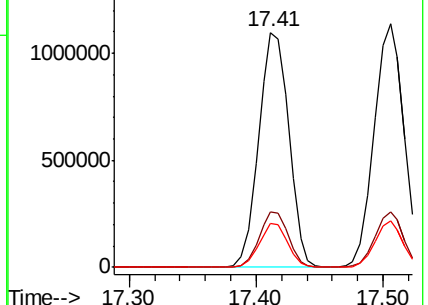
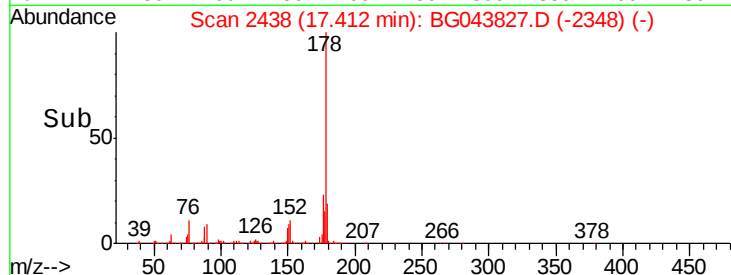
179 18.6 14.7 22.1



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: 44.326 ng

RT: 17.51 min Scan# 2454

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

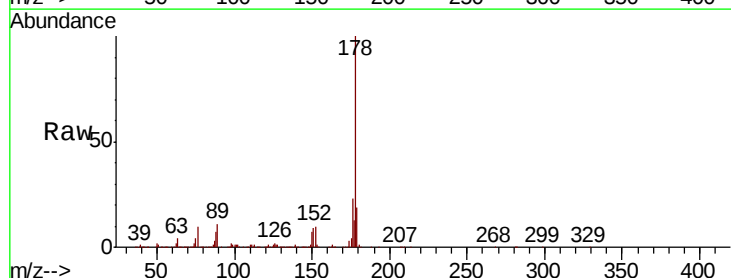
Tgt Ion:178 Resp: 1860252

Ion Ratio Lower Upper

178 100

176 22.9 17.7 26.5

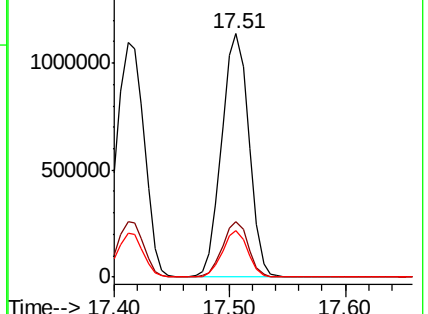
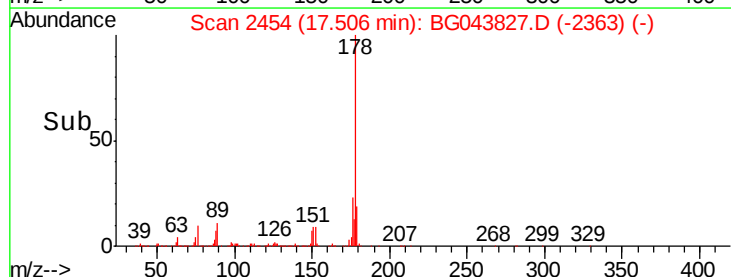
179 19.0 14.5 21.7

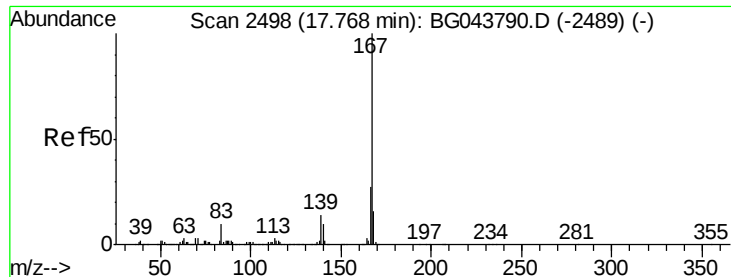


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.556 ng

RT: 17.77 min Scan# 2499

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

ClientSampleId :

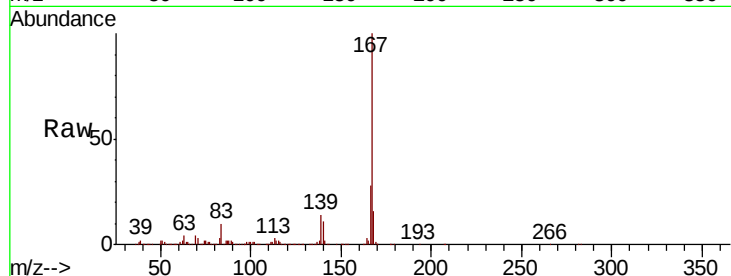
Tot Ion:167 Resp: 1708711

Ion Ratio Lower Upper

167 100

166 27.7 21.4 32.2

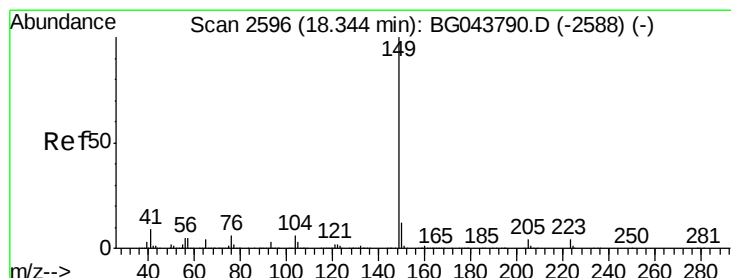
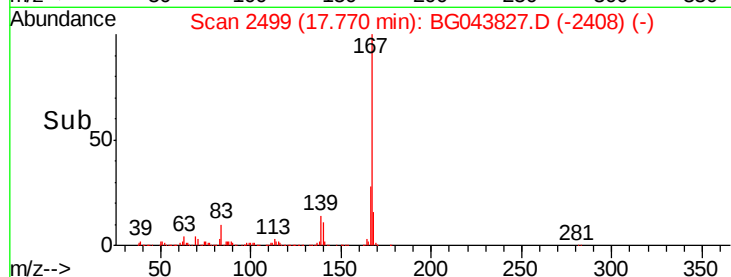
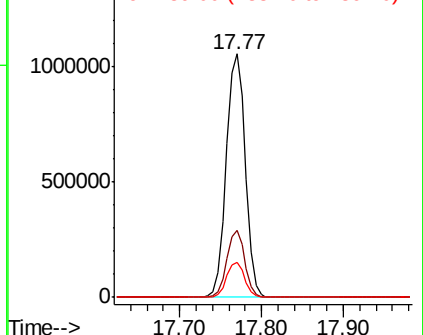
139 14.3 11.0 16.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.123 ng

RT: 18.34 min Scan# 2596

Delta R.T. -0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

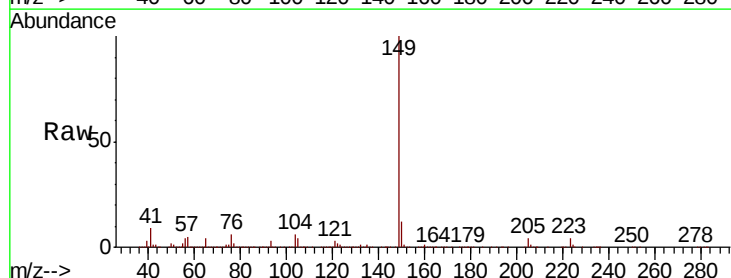
Tgt Ion:149 Resp: 1939406

Ion Ratio Lower Upper

149 100

150 12.1 9.4 14.0

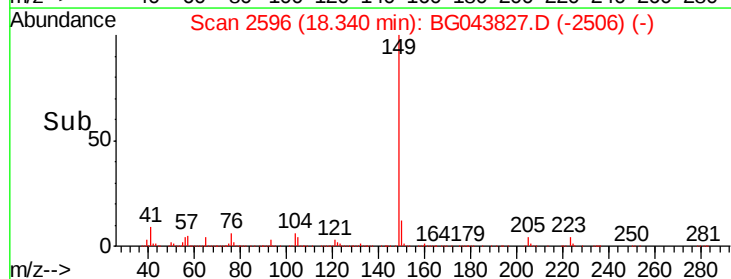
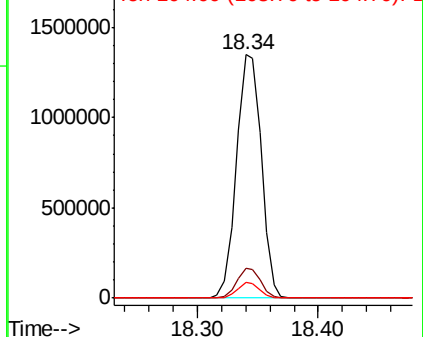
104 6.4 4.8 7.2

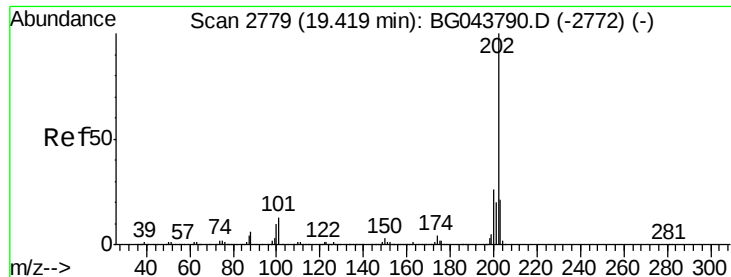


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.028 ng

RT: 19.42 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

ClientSampleId :

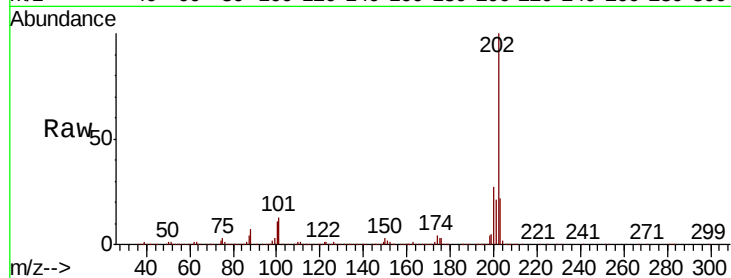
Tot Ion:202 Resp: 2087862

Ion Ratio Lower Upper

202 100

101 12.8 0.0 32.7

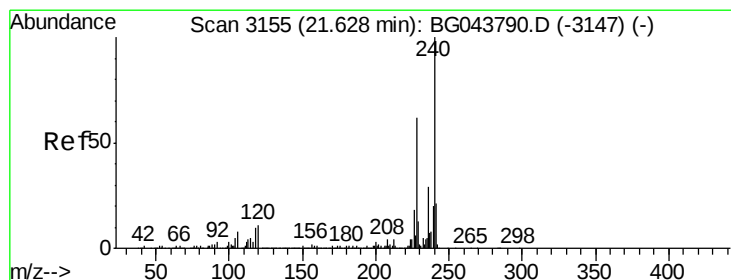
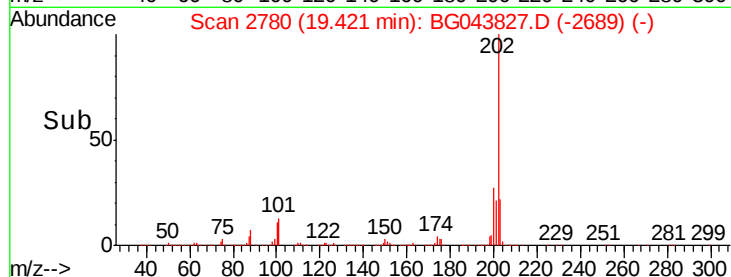
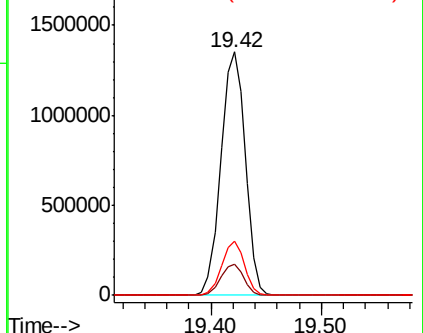
203 22.4 1.0 41.0



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

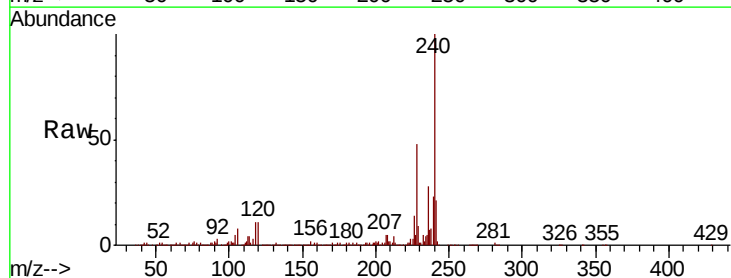
Tgt Ion:240 Resp: 750500

Ion Ratio Lower Upper

240 100

120 10.6 8.6 12.8

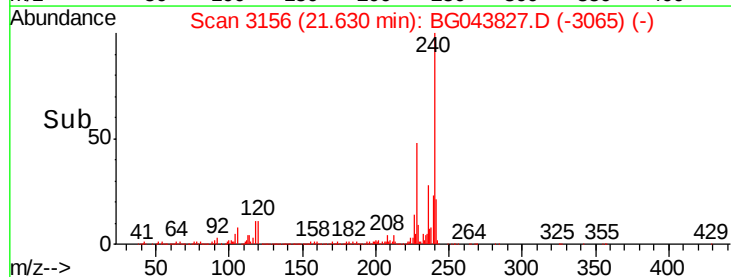
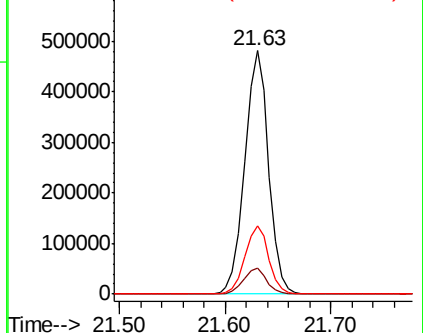
236 28.0 23.1 34.7

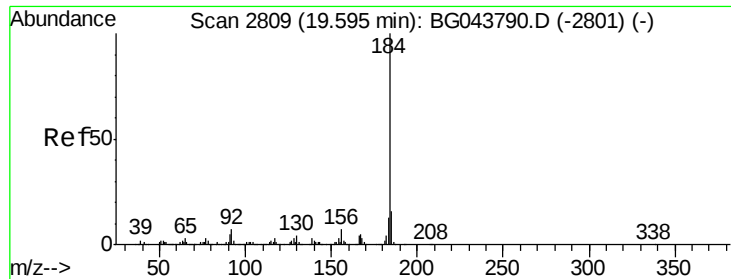


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 24.391 ng

RT: 19.60 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

ClientSampleId :

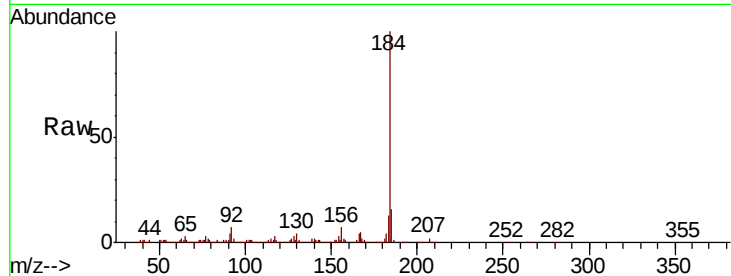
Tot Ion:184 Resp: 399350

Ion Ratio Lower Upper

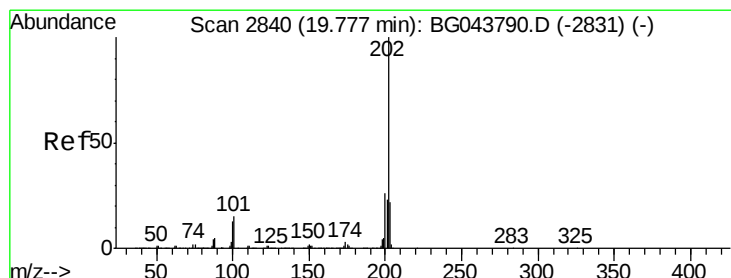
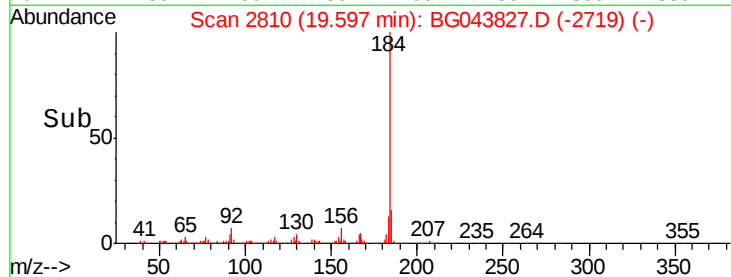
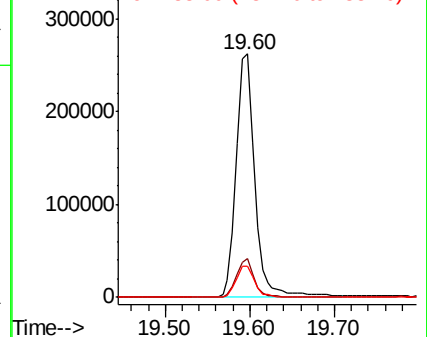
184 100

185 15.7 12.9 19.3

183 13.0 10.3 15.5



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: 42.973 ng

RT: 19.78 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

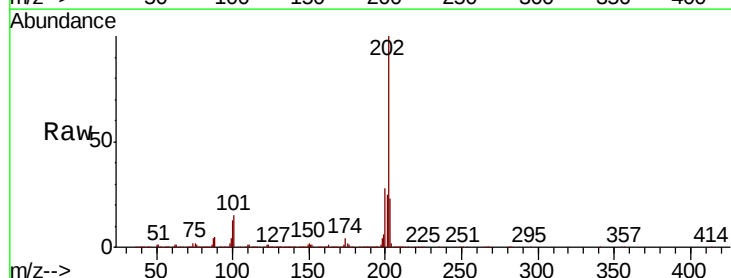
Tgt Ion:202 Resp: 2107662

Ion Ratio Lower Upper

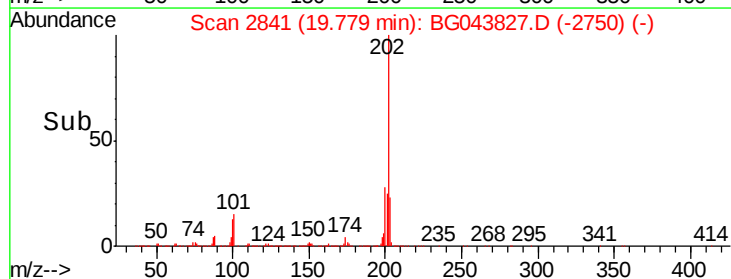
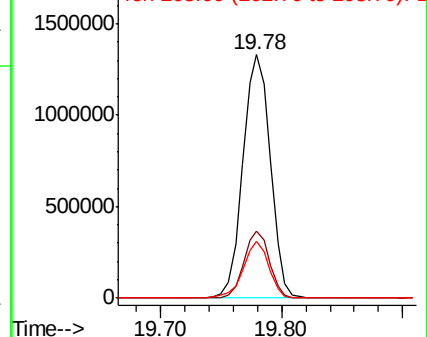
202 100

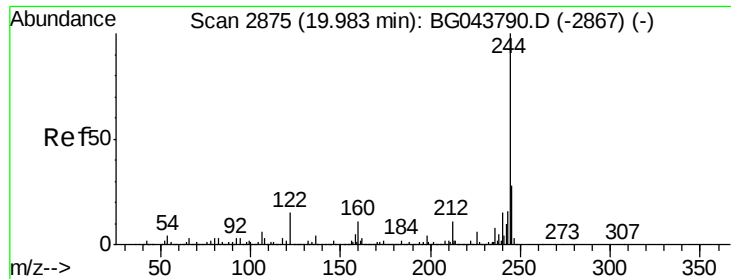
200 27.6 20.8 31.2

203 23.2 17.7 26.5



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: 74.841 ng

RT: 19.98 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

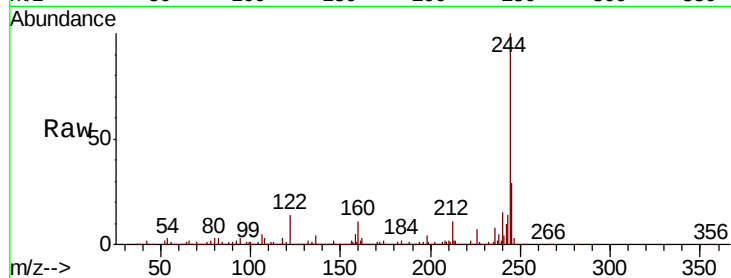
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2334716

Ion	Ratio	Lower	Upper
244	100		
212	11.4	9.1	13.7
122	13.8	11.6	17.4

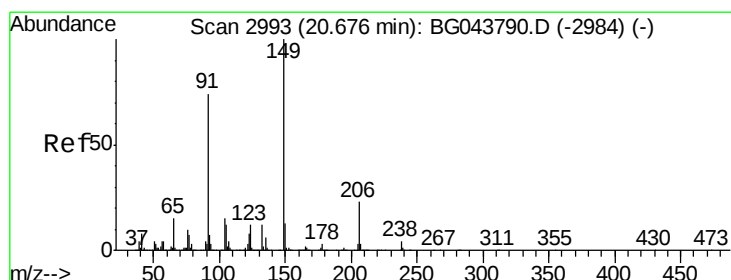
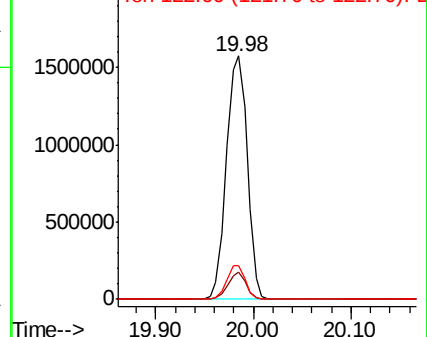
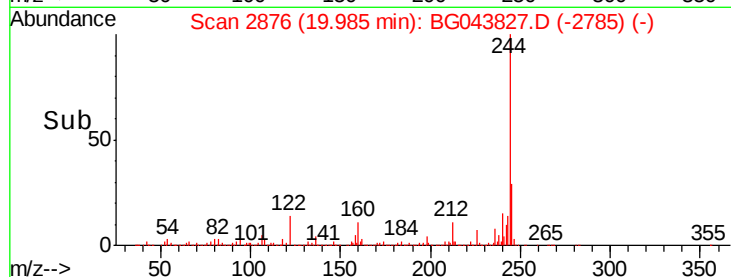


Abundance

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: 46.241 ng

RT: 20.68 min Scan# 2994

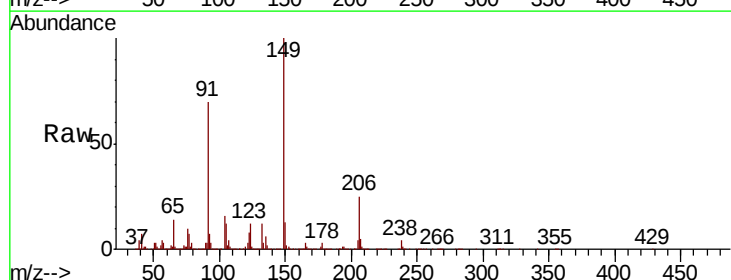
Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Tgt Ion:149 Resp: 944559

Ion	Ratio	Lower	Upper
149	100		
91	70.4	59.0	88.4
206	25.5	18.6	28.0

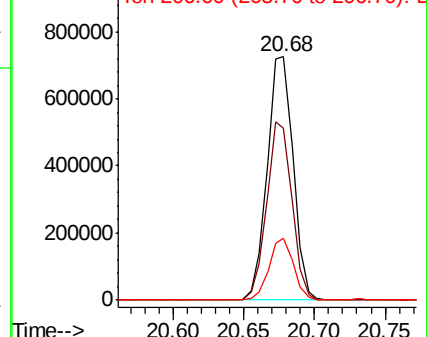
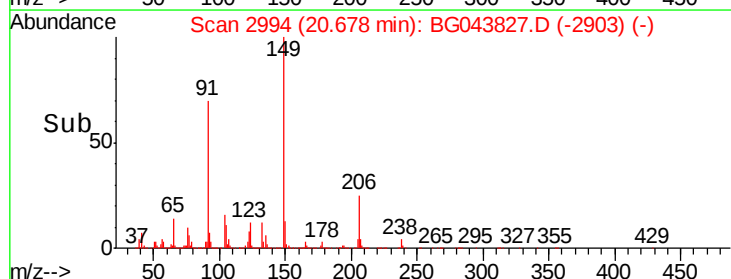


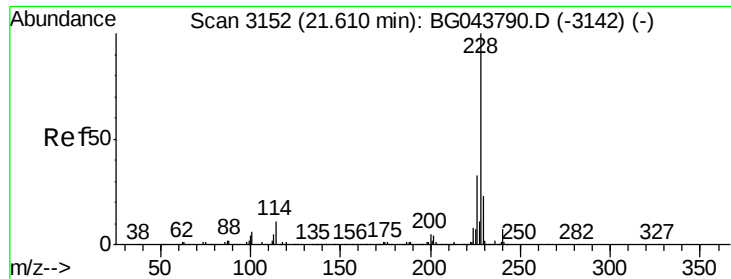
Abundance

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: 42.595 ng

RT: 21.61 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

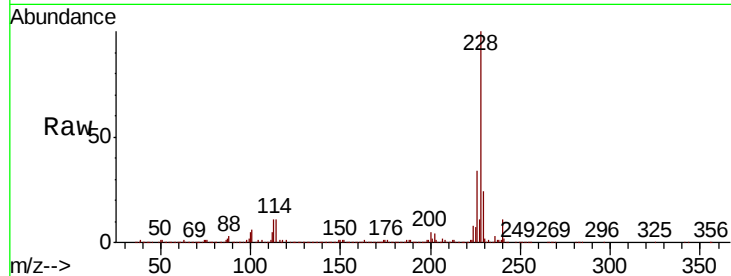
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 2017610

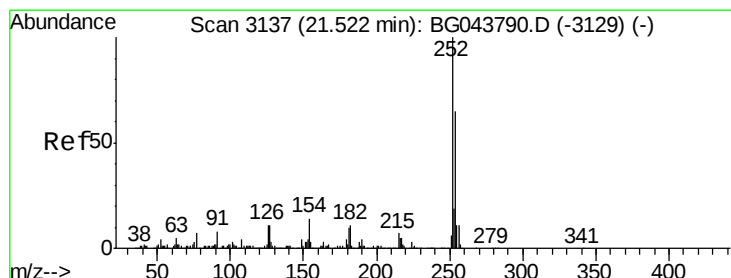
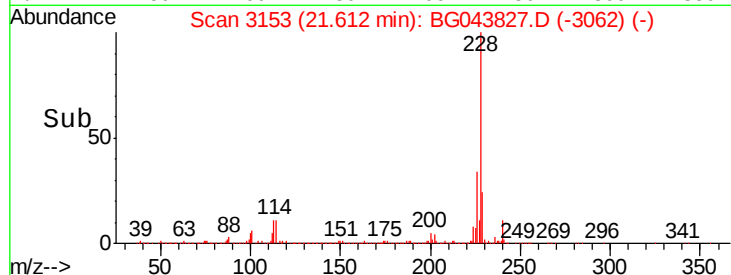
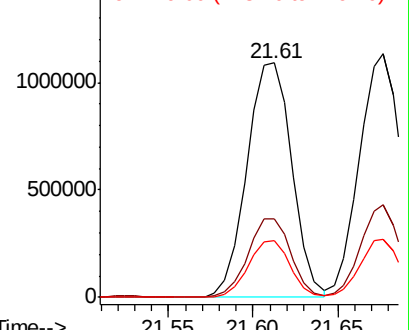
Ion	Ratio	Lower	Upper
228	100		
226	33.7	26.1	39.1
229	24.1	18.6	27.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.309 ng

RT: 21.52 min Scan# 3138

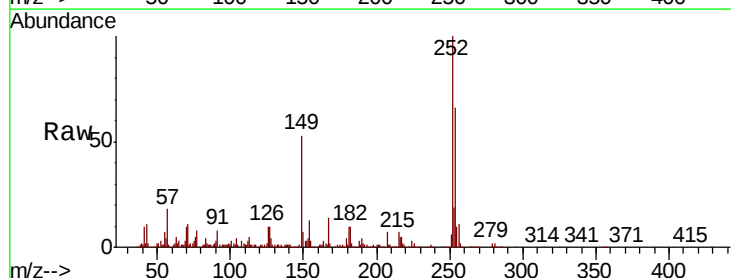
Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Tgt Ion:252 Resp: 477848

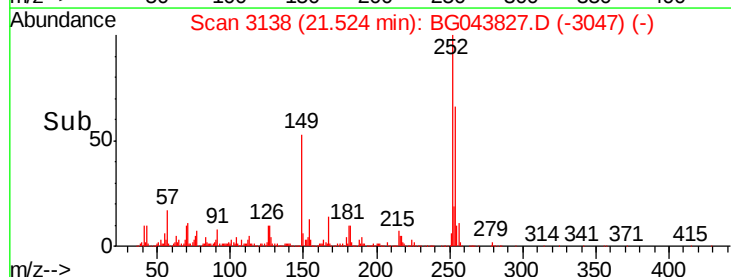
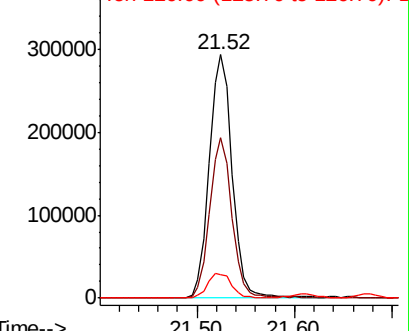
Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.2	78.2
126	9.7	8.7	13.1

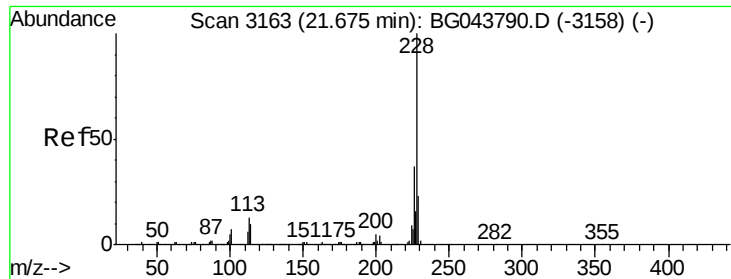


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

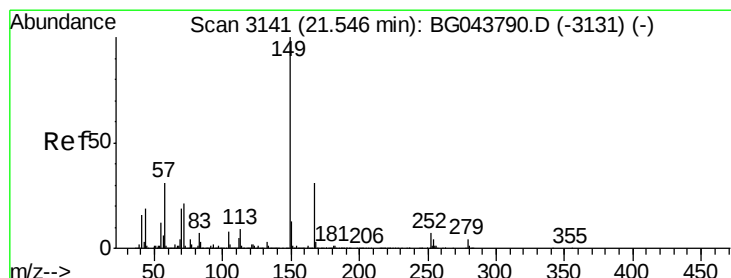
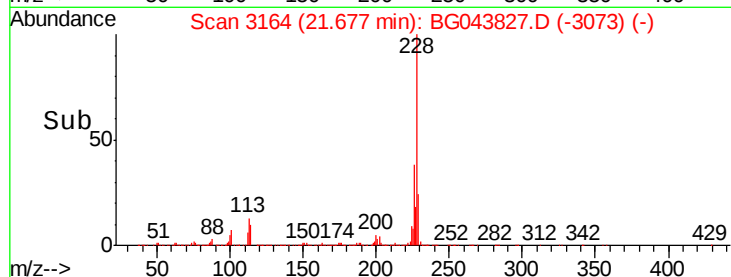
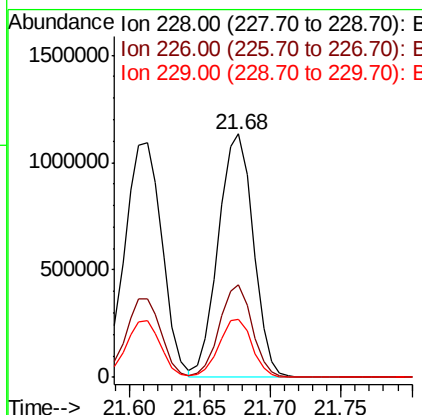
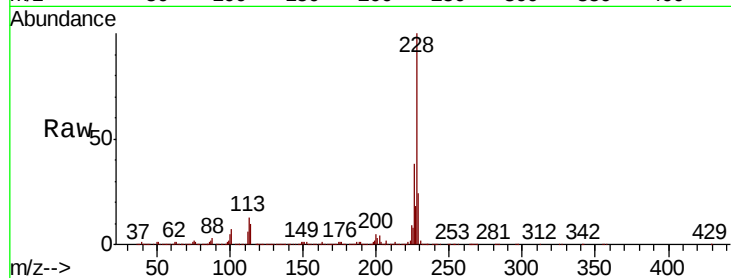




#83
Chrysene
Concen: 43.243 ng
RT: 21.68 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

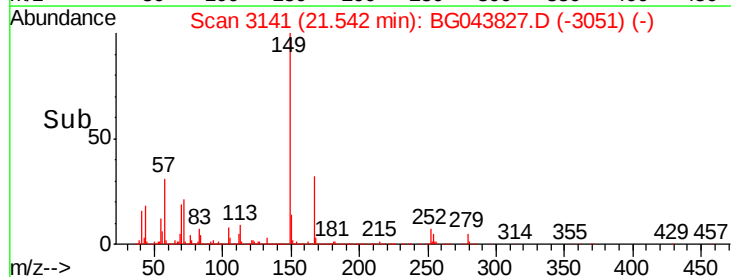
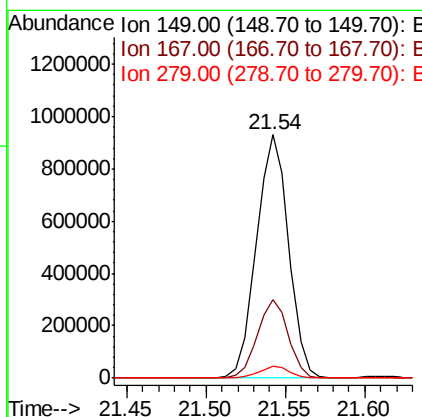
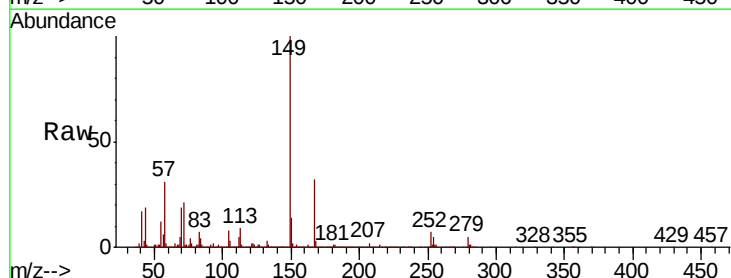
Instrument :
BNA_G
ClientSampleId :

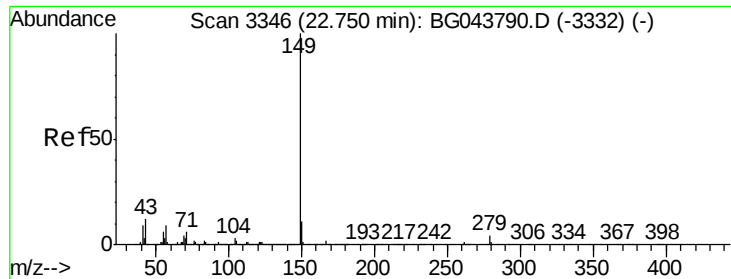
Tot Ion:228 Resp: 1951481
Ion Ratio Lower Upper
228 100
226 38.0 29.1 43.7
229 23.9 18.6 28.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.528 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion:149 Resp: 1304653
Ion Ratio Lower Upper
149 100
167 32.3 25.1 37.7
279 4.8 3.5 5.3

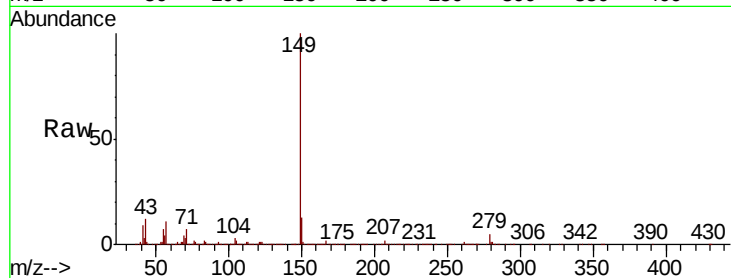




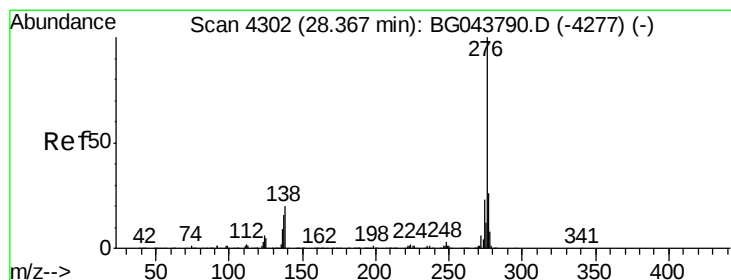
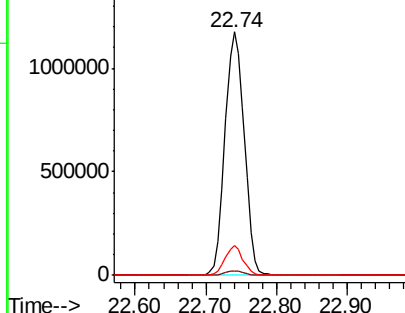
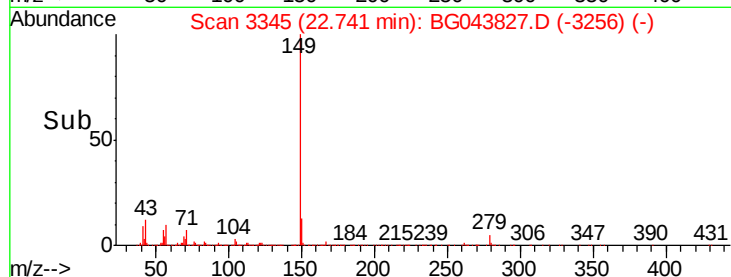
#85
Di-n-octyl phthalate
Concen: 46.484 ng
RT: 22.74 min Scan# 3345
Delta R.T. -0.01 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 2226539
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.2
43 11.1 8.8 13.2

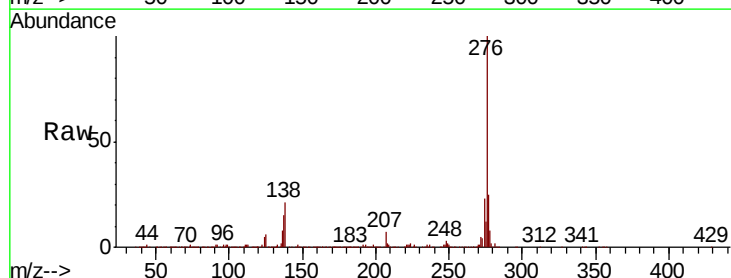


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

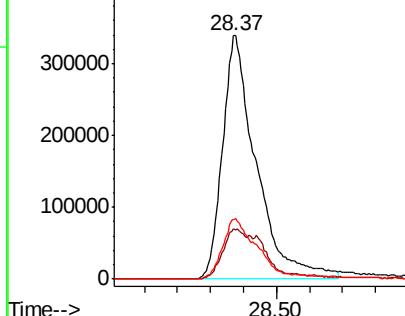
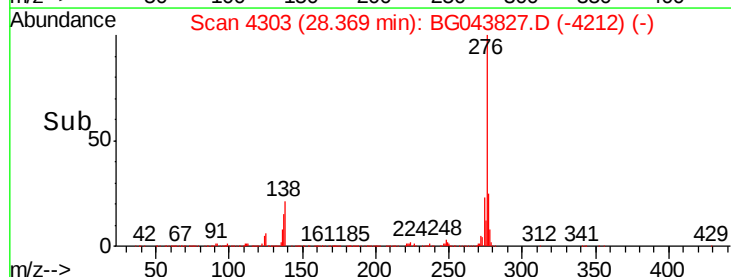


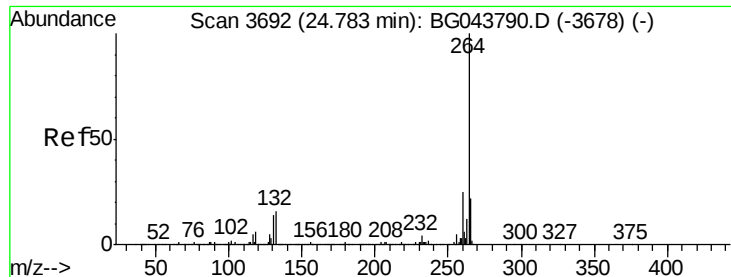
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.746 ng
RT: 28.37 min Scan# 4303
Delta R.T. 0.00 min
Lab File: BG043827.D
Acq: 17 Dec 2019 19:59

Tgt Ion:276 Resp: 2411278
Ion Ratio Lower Upper
276 100
138 13.7 14.6 21.8#
277 24.9 21.2 31.8



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: 24.79 min Scan# 3693

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

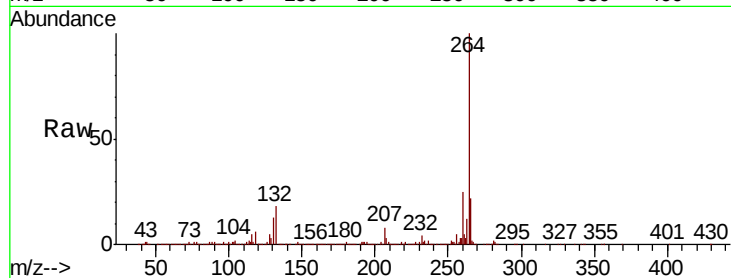
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 858018

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.8
265	21.8	17.9	26.9

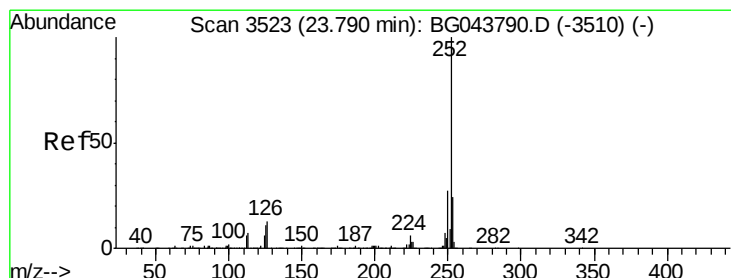
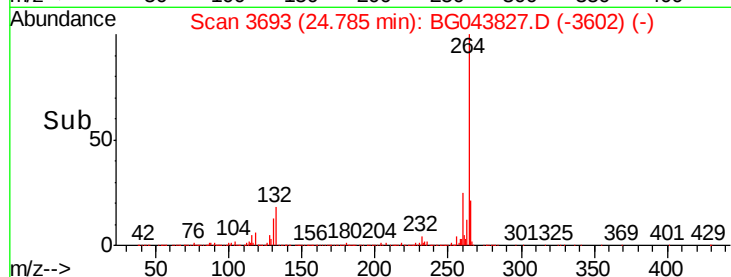
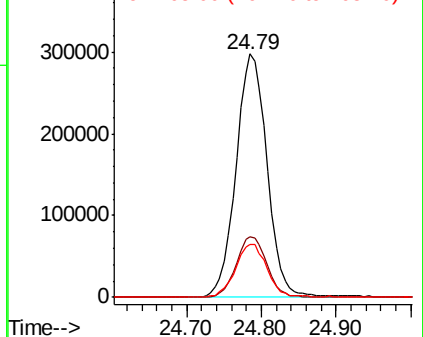


Abundance

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: 42.116 ng

RT: 23.79 min Scan# 3524

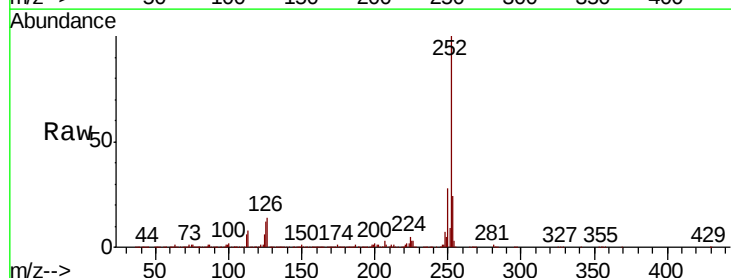
Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Tgt Ion:252 Resp: 2080576

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.5	29.3
125	11.5	9.0	13.4

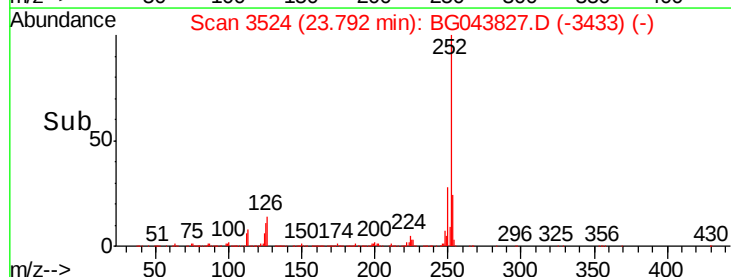
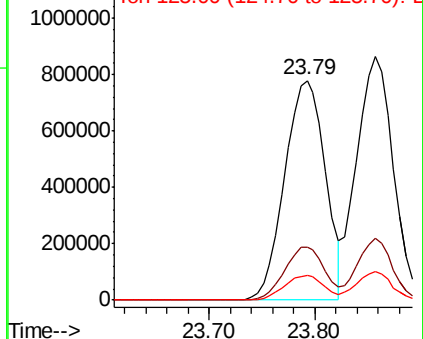


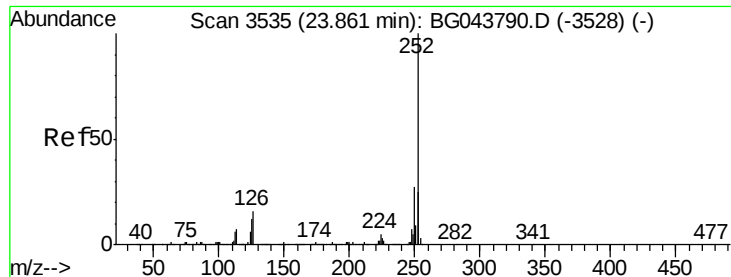
Abundance

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: 43.896 ng

RT: 23.86 min Scan# 3535

Delta R.T. -0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

ClientSampleId :

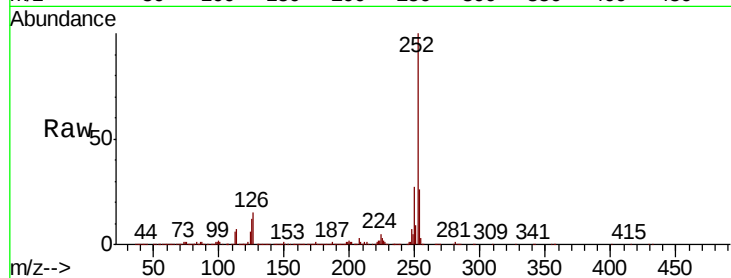
Tot Ion:252 Resp: 2094821

Ion Ratio Lower Upper

252 100

253 25.5 19.4 29.0

125 11.6 8.9 13.3

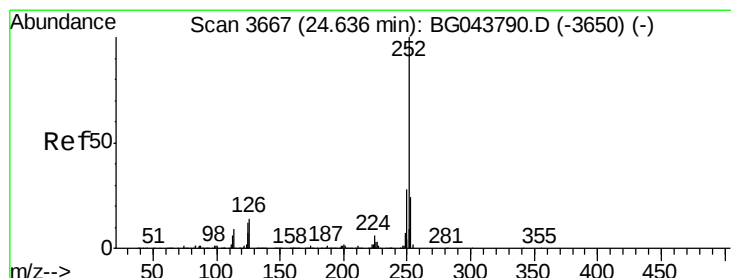
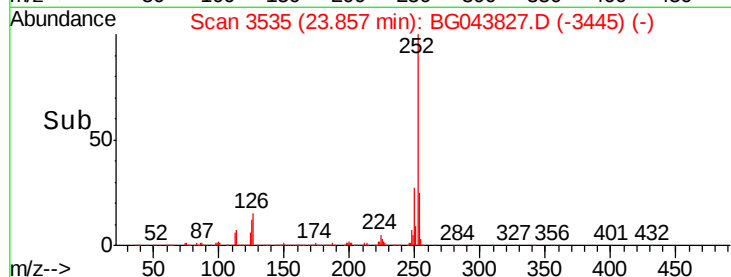
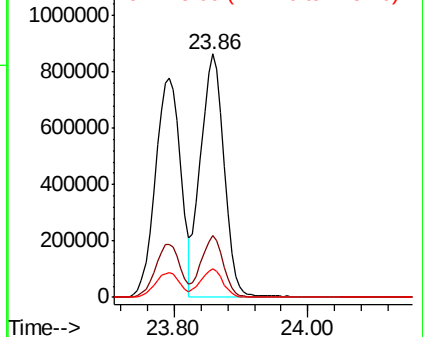


Abundance

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: 44.220 ng

RT: 24.64 min Scan# 3669

Delta R.T. 0.01 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

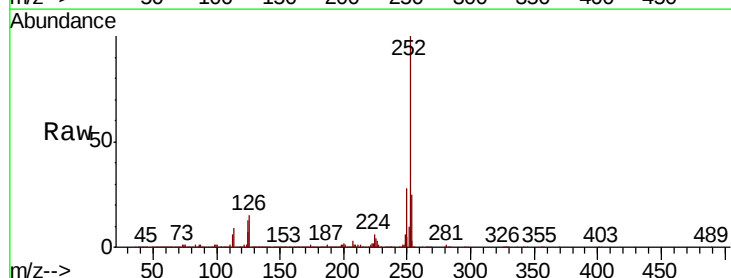
Tgt Ion:252 Resp: 2081822

Ion Ratio Lower Upper

252 100

253 24.5 19.1 28.7

125 12.9 9.4 14.0

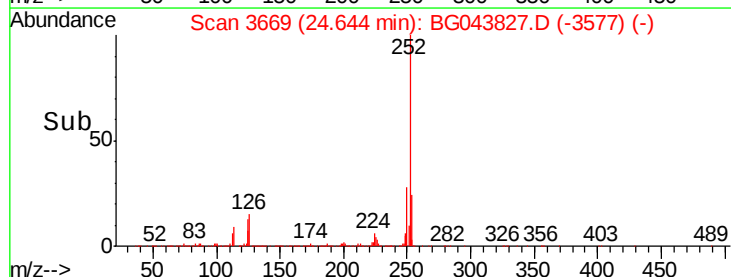
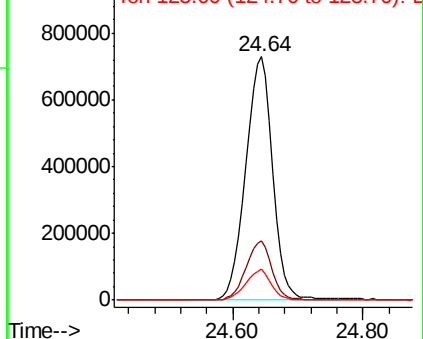


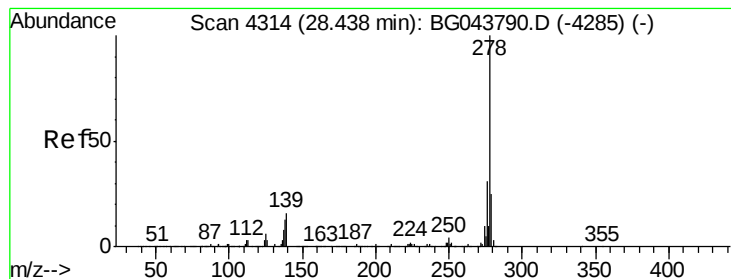
Abundance

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: 41.711 ng

RT: 28.44 min Scan# 4315

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

Instrument :

BNA_G

ClientSampleId :

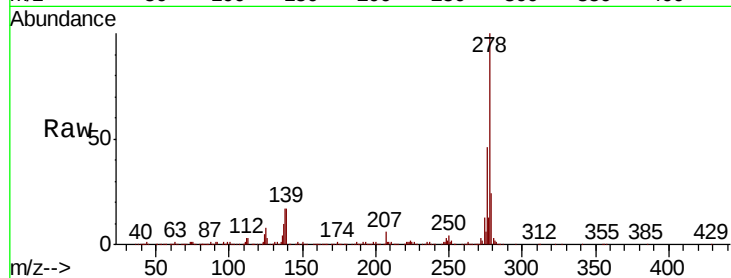
Tot Ion:278 Resp: 1961420

Ion Ratio Lower Upper

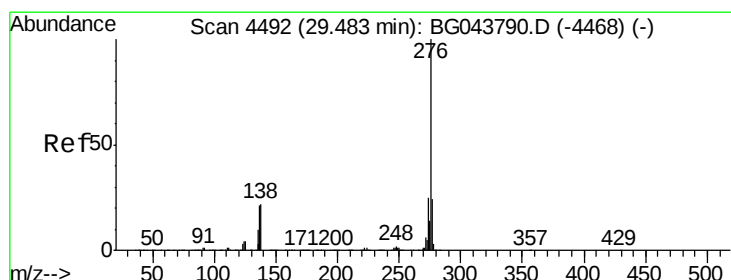
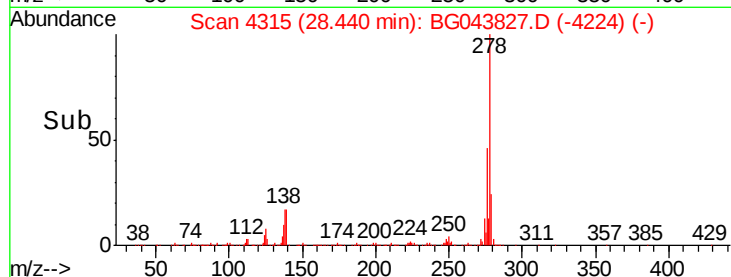
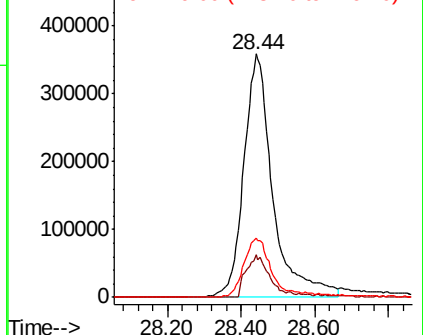
278 100

139 17.3 13.2 19.8

279 24.4 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.209 ng

RT: 29.49 min Scan# 4493

Delta R.T. 0.00 min

Lab File: BG043827.D

Acq: 17 Dec 2019 19:59

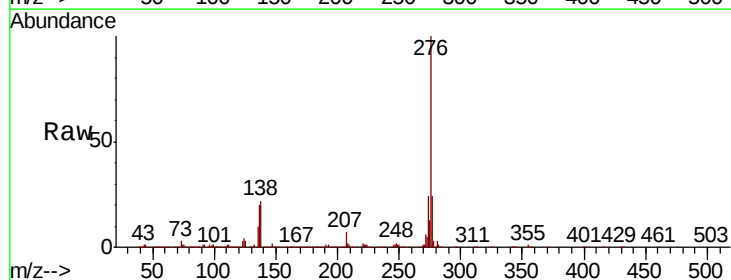
Tgt Ion:276 Resp: 1865858

Ion Ratio Lower Upper

276 100

277 23.9 19.3 28.9

138 22.3 17.6 26.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

