

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044747.D
 Acq On : 12 Mar 2020 23:28
 Operator : CG/JU
 Sample : PB127447BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 13 06:09:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	107410	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	442694	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	301205	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	676738	20.00	ng	0.00
76) Chrysene-d12	21.70	240	566829	20.00	ng	0.00
87) Perylene-d12	24.92	264	671466	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	928297	134.54	ng	0.00
7) Phenol-d6	7.21	99	1300351	129.71	ng	0.00
23) Nitrobenzene-d5	9.21	82	839684	83.23	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	503575	127.69	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1709314	81.27	ng	0.00
79) Terphenyl-d14	20.04	244	2568038	84.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	122729	36.937	ng	95
3) Pyridine	3.91	79	312401	31.760	ng	98
4) n-Nitrosodimethylamine	3.83	42	166738	44.677	ng	94
6) Aniline	7.37	93	520077	41.692	ng	99
8) 2-Chlorophenol	7.61	128	348981	50.666	ng	97
9) Benzaldehyde	7.18	77	282486	49.406	ng	98
10) Phenol	7.24	94	475269	47.886	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	338680	42.757	ng	97
12) 1,3-Dichlorobenzene	7.94	146	357323	42.113	ng	99
13) 1,4-Dichlorobenzene	8.09	146	356737	42.528	ng	95
14) 1,2-Dichlorobenzene	8.41	146	334296	42.021	ng	98
15) Benzyl Alcohol	8.28	79	375105	46.634	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	556434	39.806	ng	98
17) 2-Methylphenol	8.49	107	318094	47.314	ng	92
18) Hexachloroethane	9.15	117	140335	42.494	ng	99
19) n-Nitroso-di-n-propylamine	8.86	70	299424	42.299	ng	98
20) 3+4-Methylphenols	8.82	107	450900	48.653	ng	98
22) Acetophenone	8.87	105	524850	41.849	ng	99
24) Nitrobenzene	9.25	77	447221	42.723	ng	99
25) Isophorone	9.78	82	827825	42.044	ng	97
26) 2-Nitrophenol	9.97	139	176876	48.594	ng	94
27) 2,4-Dimethylphenol	10.03	122	338118	52.732	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	475048	40.428	ng	95
29) 2,4-Dichlorophenol	10.51	162	353319	47.177	ng	100
30) 1,2,4-Trichlorobenzene	10.72	180	366769	40.957	ng	96
31) Naphthalene	10.91	128	1031017	42.043	ng	100
32) Benzoic acid	10.16	122	215406	44.106	ng	97
33) 4-Chloroaniline	11.01	127	344475	31.178	ng	99
34) Hexachlorobutadiene	11.21	225	234462	39.814	ng	96
35) Caprolactam	11.78	113	69275	24.431	ng	99
36) 4-Chloro-3-methylphenol	12.13	107	408731	45.760	ng	94
37) 2-Methylnaphthalene	12.51	142	773648	42.174	ng	100
38) 1-Methylnaphthalene	12.74	142	738633	42.829	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	397504	40.073	ng	98

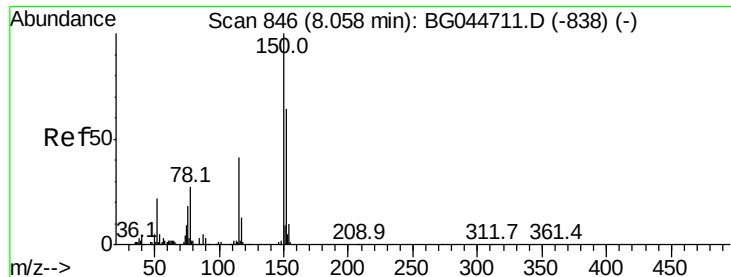
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044747.D
 Acq On : 12 Mar 2020 23:28
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	558294	102.985	ng	94
43) 2,4,6-Trichlorophenol	13.12	196	300739	45.683	ng	99
44) 2,4,5-Trichlorophenol	13.19	196	318194	46.607	ng	98
46) 1,1'-Biphenyl	13.53	154	965239	40.101	ng	97
47) 2-Chloronaphthalene	13.56	162	745520	40.545	ng	97
48) 2-Nitroaniline	13.75	65	286017	44.431	ng	95
49) Acenaphthylene	14.41	152	1245318	43.230	ng	99
50) Dimethylphthalate	14.14	163	995974	41.517	ng	98
51) 2,6-Dinitrotoluene	14.25	165	225210	46.574	ng	98
52) Acenaphthene	14.75	154	881131	46.705	ng	99
53) 3-Nitroaniline	14.58	138	189535	34.093	ng	97
54) 2,4-Dinitrophenol	14.78	184	233232	91.022	ng	# 70
55) Dibenzofuran	15.09	168	1164091	42.551	ng	100
56) 4-Nitrophenol	14.88	139	383551	90.399	ng	95
57) 2,4-Dinitrotoluene	15.04	165	309073	46.604	ng	95
58) Fluorene	15.73	166	952968	42.345	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.23	232	297442	47.322	ng	97
60) Diethylphthalate	15.51	149	1033186	41.293	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	505681	41.730	ng	98
62) 4-Nitroaniline	15.74	138	234575	39.570	ng	98
63) Azobenzene	16.02	77	1100451	42.352	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	168575	52.140	ng	95
66) n-Nitrosodiphenylamine	15.94	169	873519	42.873	ng	98
67) 4-Bromophenyl-phenylether	16.62	248	351754	41.578	ng	97
68) Hexachlorobenzene	16.75	284	371856	40.514	ng	98
69) Atrazine	16.89	200	337862	45.261	ng	98
70) Pentachlorophenol	17.08	266	470108	93.089	ng	97
71) Phenanthrene	17.47	178	1518095	41.978	ng	99
72) Anthracene	17.57	178	1559284	43.727	ng	99
73) Carbazole	17.83	167	1439496	42.025	ng	99
74) Di-n-butylphthalate	18.40	149	1701872	40.872	ng	99
75) Fluoranthene	19.48	202	1815091	42.154	ng	99
77) Benzidine	19.65	184	1285376	69.852	ng	99
78) Pyrene	19.84	202	1798705	43.252	ng	98
80) Butylbenzylphthalate	20.73	149	791550	42.784	ng	98
81) Benzo(a)anthracene	21.69	228	1746791	42.797	ng	100
82) 3,3'-Dichlorobenzidine	21.60	252	554374	35.109	ng	100
83) Chrysene	21.75	228	1655962	42.473	ng	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	1087296	42.583	ng	99
85) Di-n-octyl phthalate	22.84	149	1869699	43.758	ng	100
86) Indeno(1,2,3-cd)pyrene	28.58	276	2207568	43.189	ng	99
88) Benzo(b)fluoranthene	23.91	252	1840277	41.514	ng	99
89) Benzo(k)fluoranthene	23.97	252	1807120	43.078	ng	100
90) Benzo(a)pyrene	24.77	252	1725183	41.592	ng	99
91) Dibenzo(a,h)anthracene	28.65	278	1788667	43.710	ng	99
92) Benzo(g,h,i)perylene	29.72	276	1826727	44.184	ng	98

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

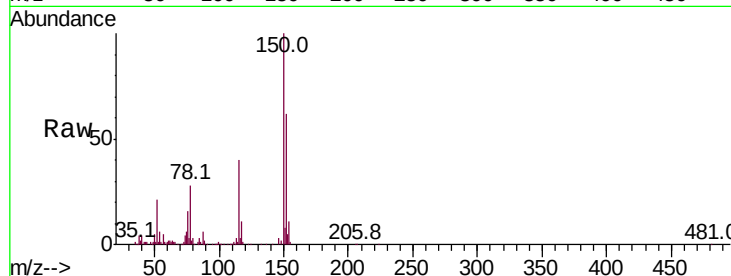


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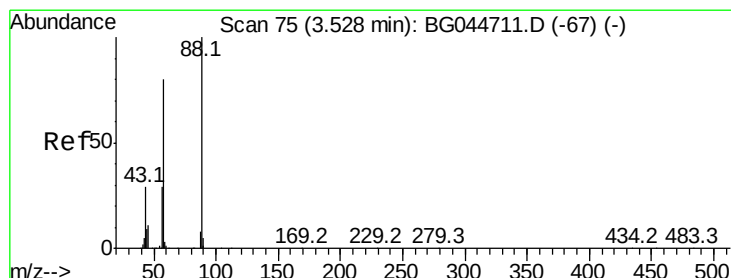
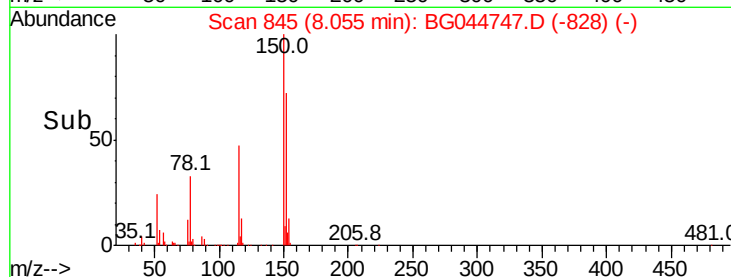
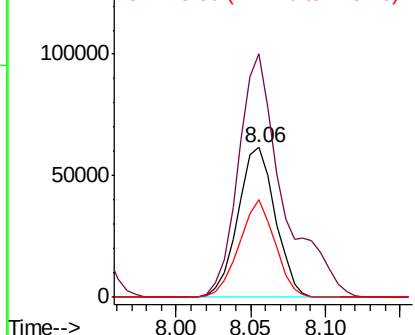
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 107410
Ion Ratio Lower Upper
152 100
150 162.3 125.3 187.9
115 65.2 51.7 77.5



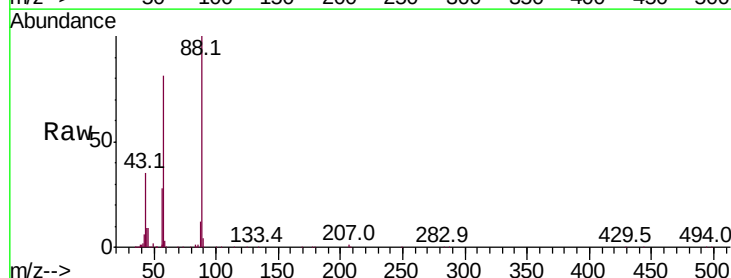
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



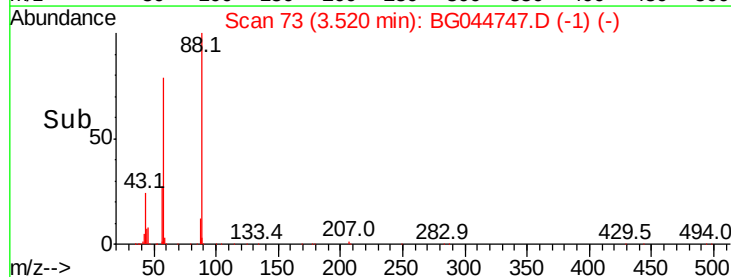
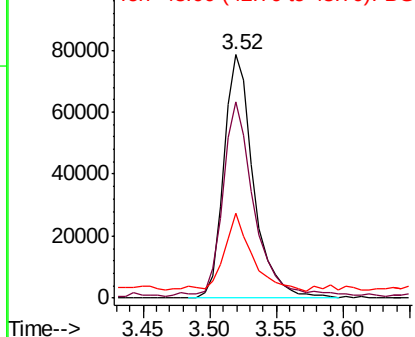
#2

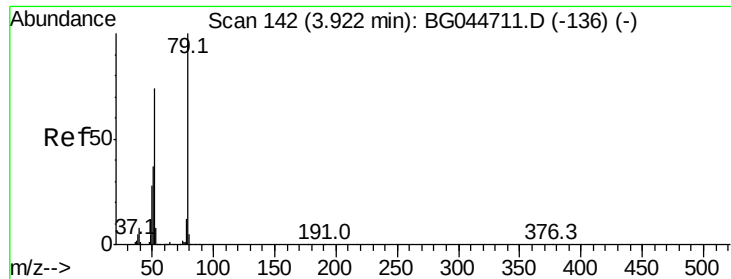
1,4-Dioxane
Concen: 36.937 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion: 88 Resp: 122729
Ion Ratio Lower Upper
88 100
58 84.2 63.0 94.4
43 30.5 23.2 34.8



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: 31.760 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.01 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

ClientSampleId :

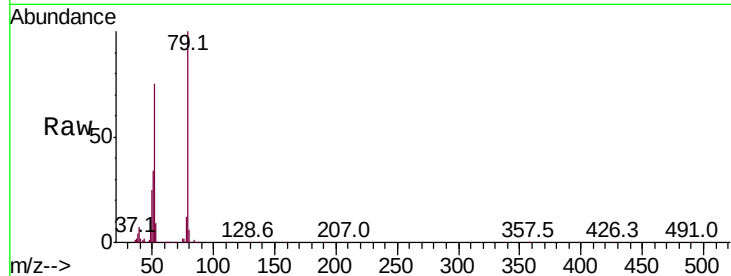
Tot Ion: 79 Resp: 312401

Ion Ratio Lower Upper

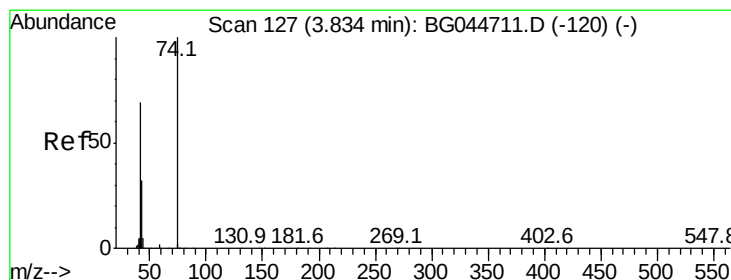
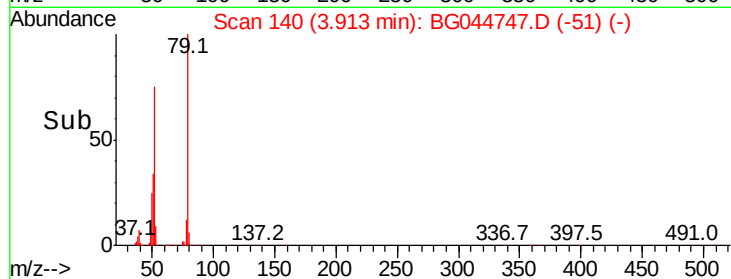
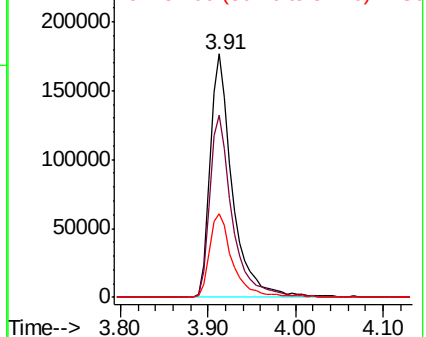
79 100

52 75.0 59.4 89.2

51 34.2 29.7 44.5



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



#4

n-Nitrosodimethylamine

Concen: 44.677 ng

RT: 3.83 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

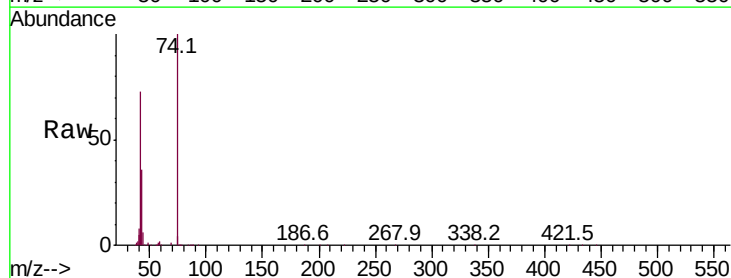
Tgt Ion: 42 Resp: 166738

Ion Ratio Lower Upper

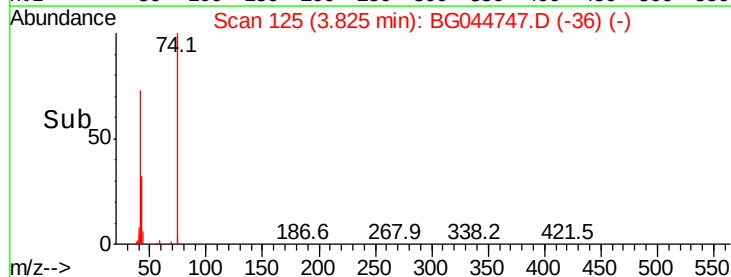
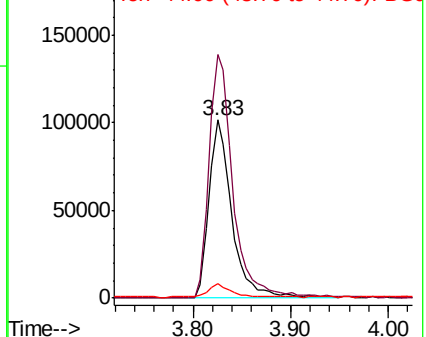
42 100

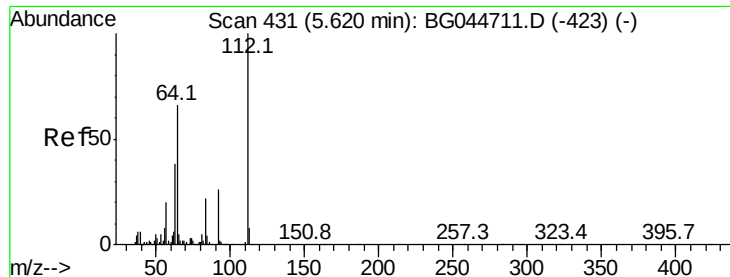
74 136.8 116.1 174.1

44 8.5 7.1 10.7



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: 134.538 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

ClientSampleId :

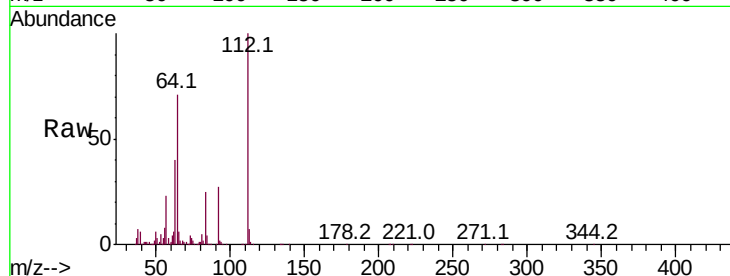
Tot Ion:112 Resp: 928297

Ion Ratio Lower Upper

112 100

64 71.4 52.6 78.8

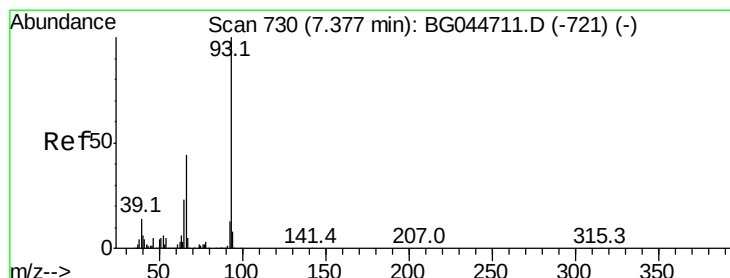
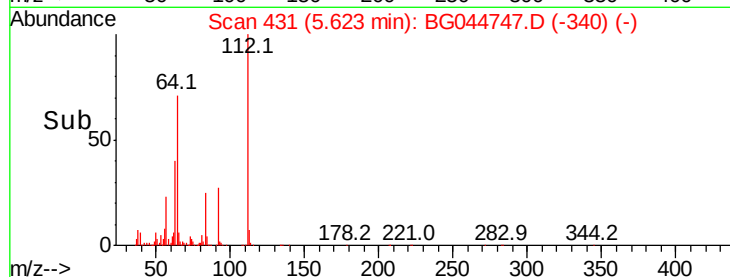
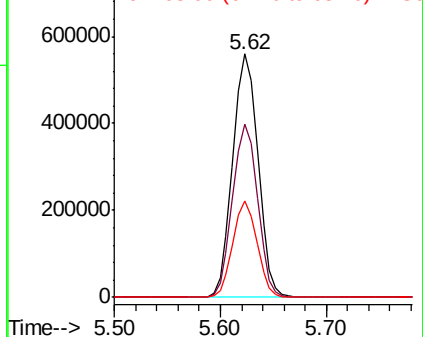
63 39.7 30.2 45.4



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 41.692 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

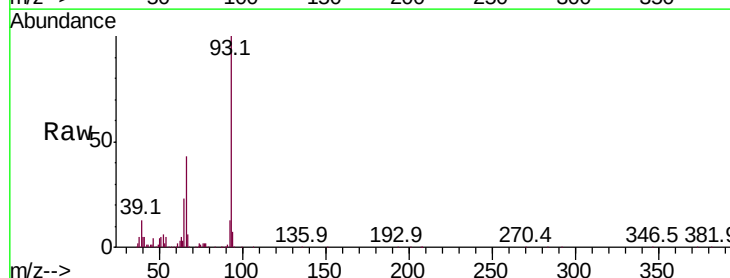
Tgt Ion: 93 Resp: 520077

Ion Ratio Lower Upper

93 100

66 43.0 35.3 52.9

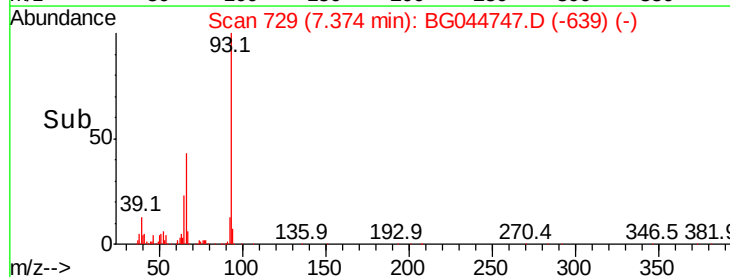
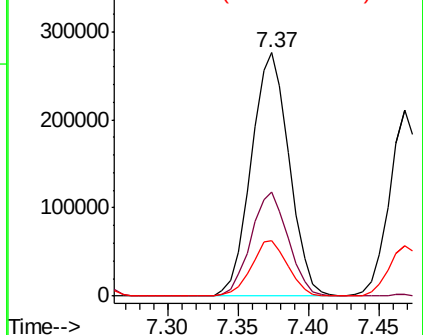
65 22.5 18.2 27.4

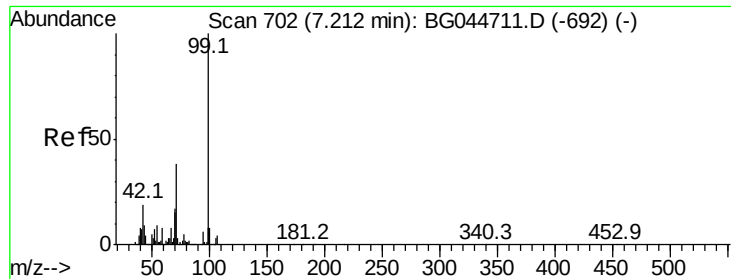


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 129.710 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

ClientSampleId :

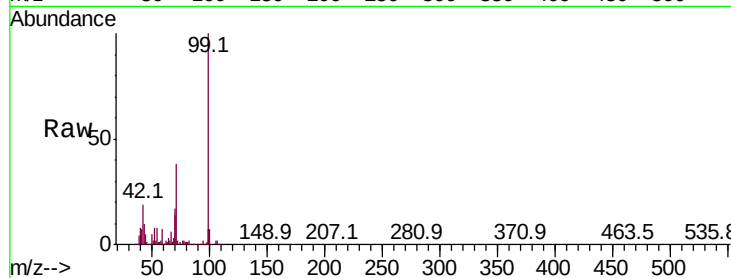
Tot Ion: 99 Resp: 1300351

Ion Ratio Lower Upper

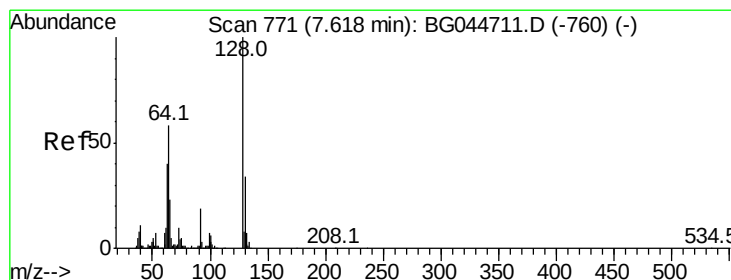
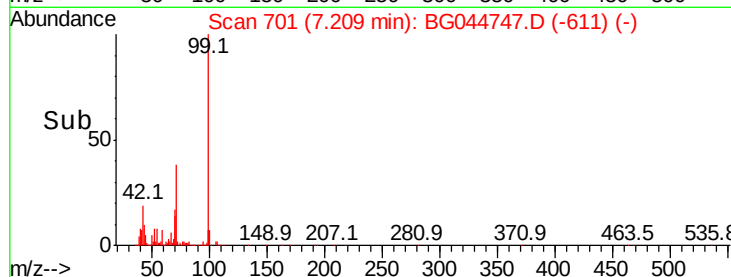
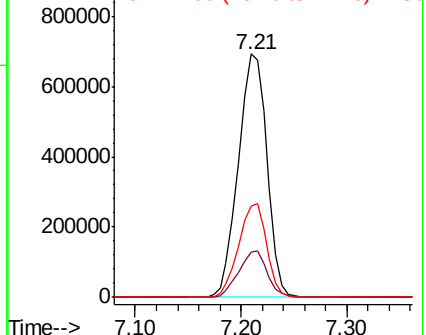
99 100

42 18.8 15.4 23.0

71 37.7 30.2 45.4



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: 50.666 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

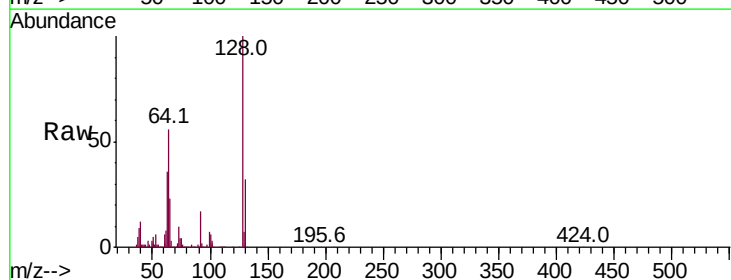
Tgt Ion:128 Resp: 348981

Ion Ratio Lower Upper

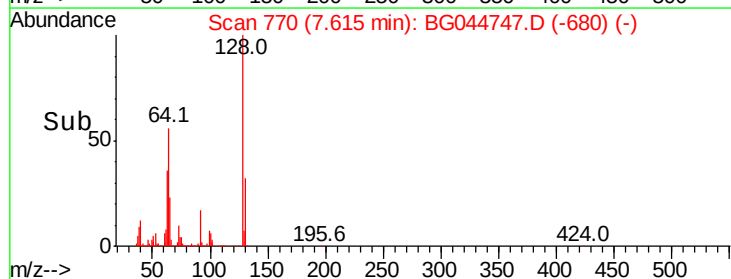
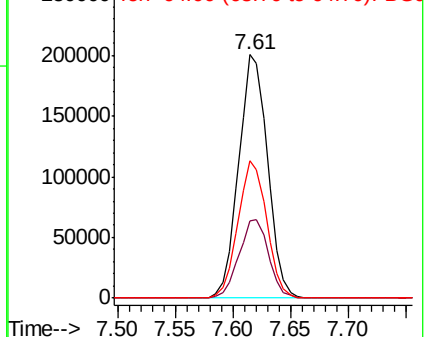
128 100

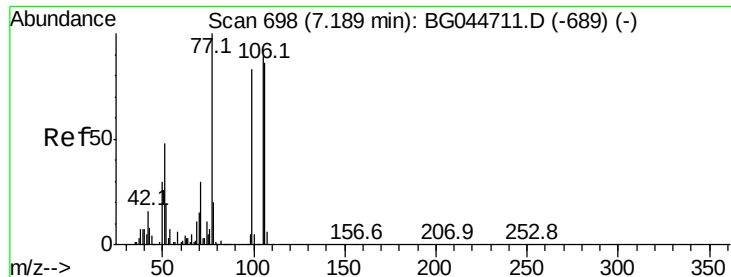
130 31.6 13.6 53.6

64 56.5 38.6 78.6



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





#9

Benzaldehyde

Concen: 49.406 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

ClientSampleId :

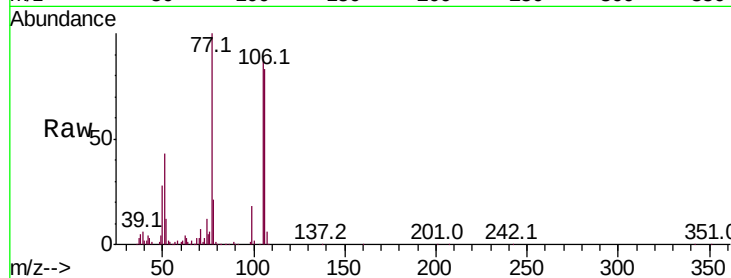
Tot Ion: 77 Resp: 282486

Ion Ratio Lower Upper

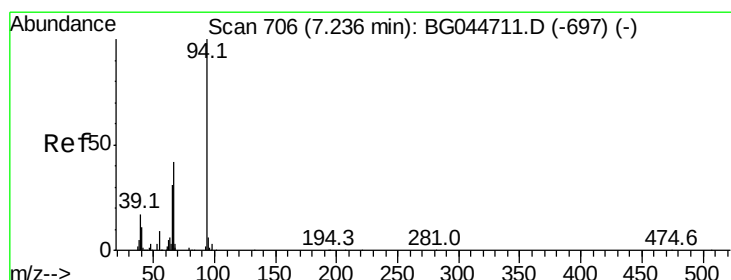
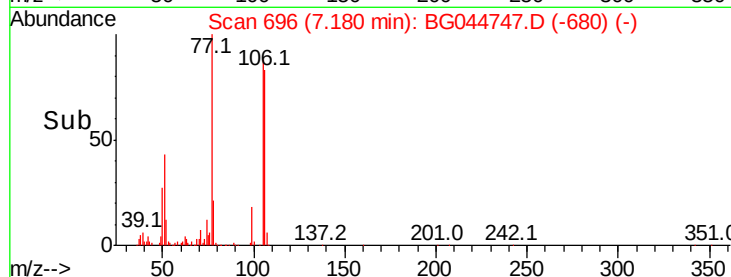
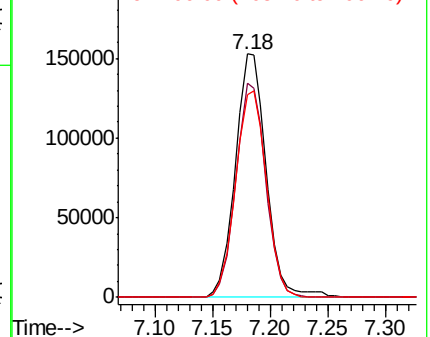
77 100

105 88.2 68.6 108.6

106 83.2 65.9 105.9



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: 47.886 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

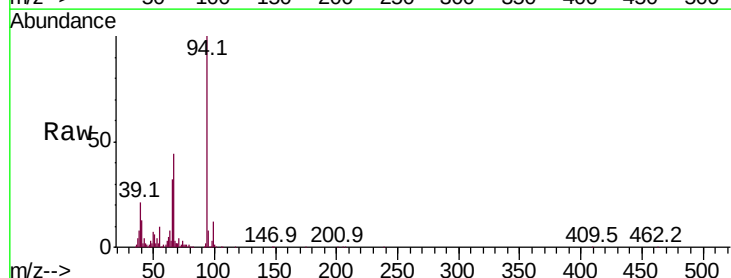
Tgt Ion: 94 Resp: 475269

Ion Ratio Lower Upper

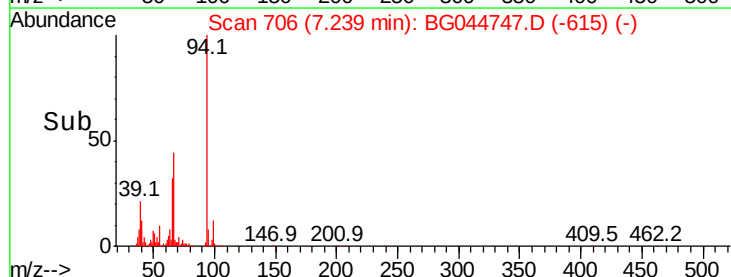
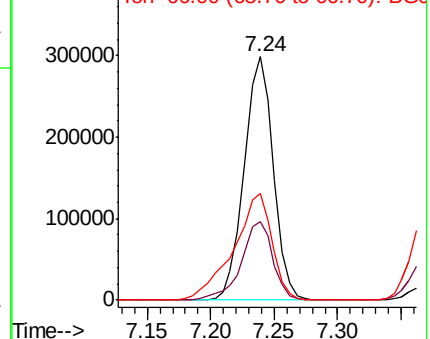
94 100

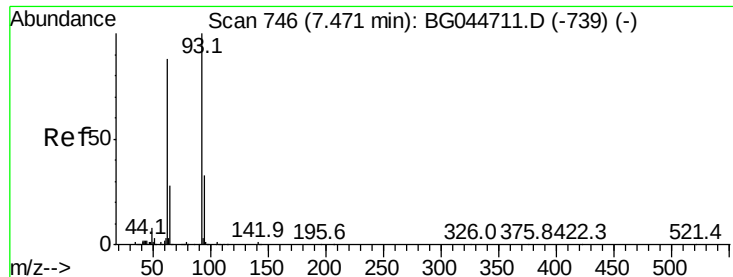
65 32.1 11.3 51.3

66 43.8 22.9 62.9



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: 42.757 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

ClientSampleId :

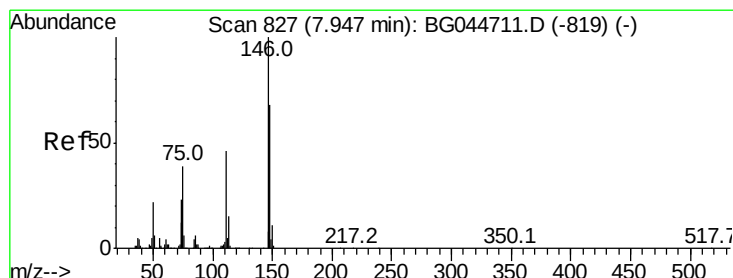
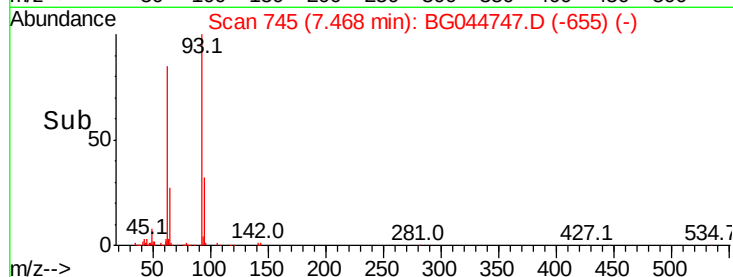
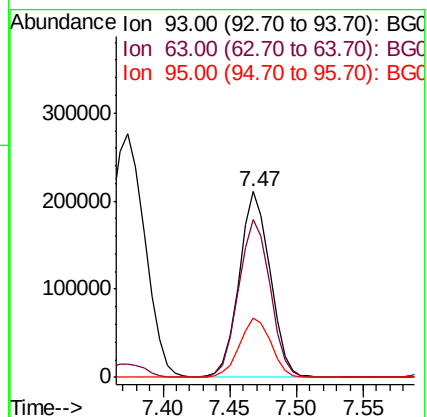
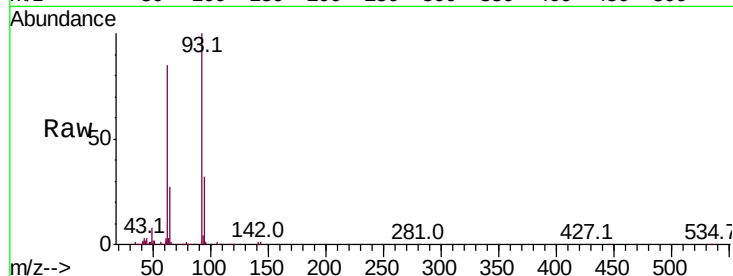
Tot Ion: 93 Resp: 338680

Ion Ratio Lower Upper

93 100

63 84.7 68.1 108.1

95 32.1 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 42.113 ng

RT: 7.94 min Scan# 826

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

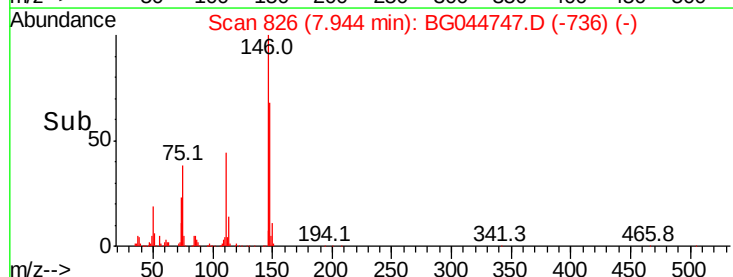
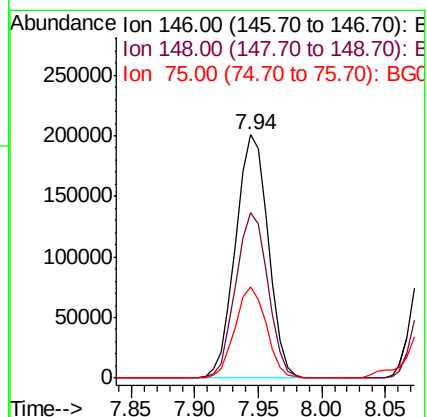
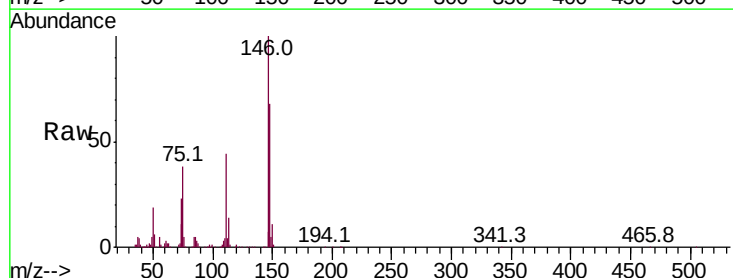
Tgt Ion: 146 Resp: 357323

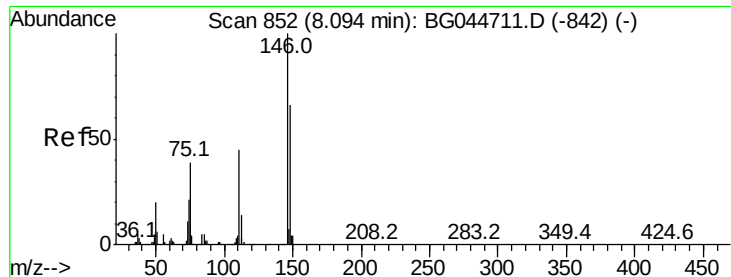
Ion Ratio Lower Upper

146 100

148 67.9 54.2 81.2

75 37.6 31.3 46.9

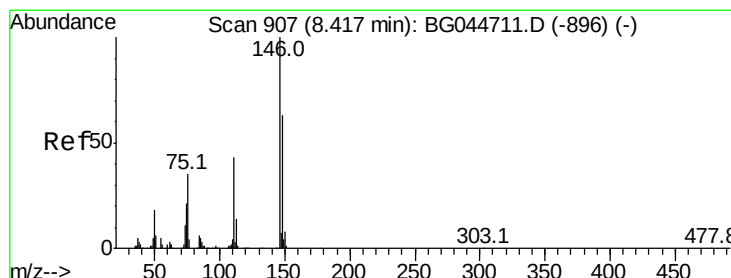
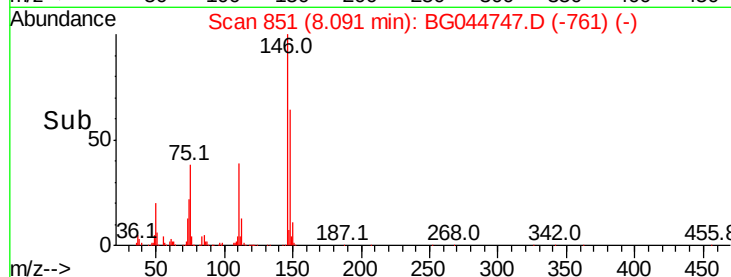
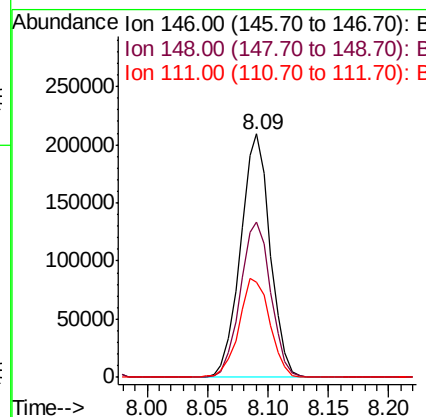
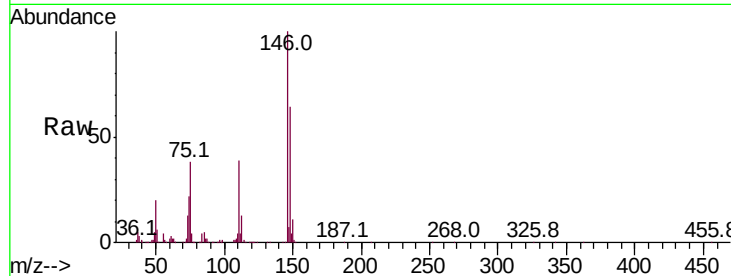




#13
 1,4-Dichlorobenzene
 Concen: 42.528 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG044747.D
 Acq: 12 Mar 2020 23:28

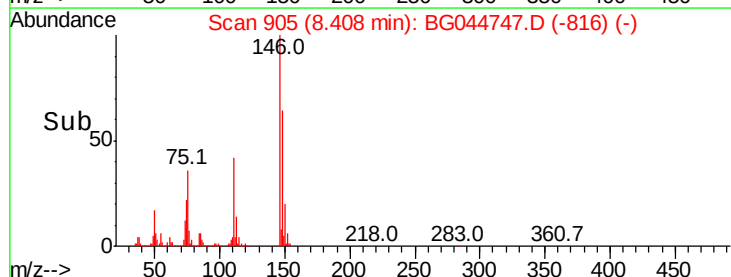
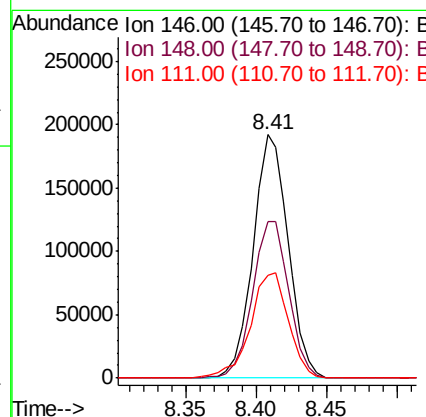
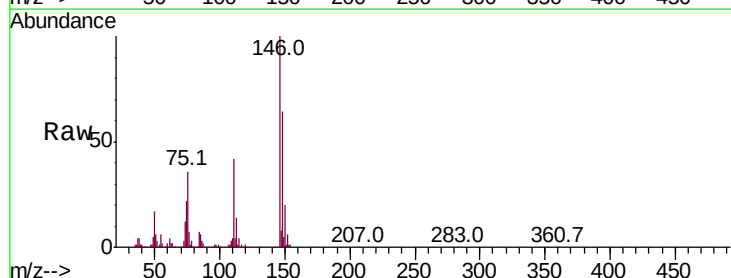
Instrument :
 BNA_G
 ClientSampleId :

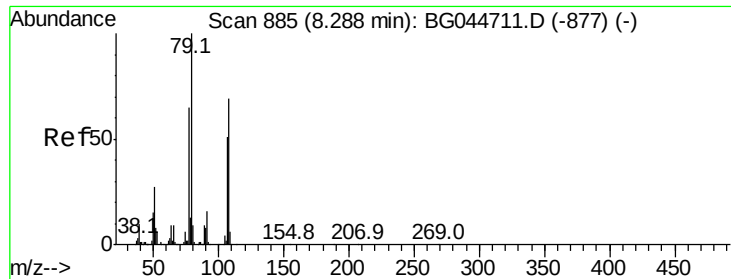
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.9	79.3
111	39.3	35.6	53.4



#14
 1,2-Dichlorobenzene
 Concen: 42.021 ng
 RT: 8.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BG044747.D
 Acq: 12 Mar 2020 23:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	42.1	34.8	52.2





#15

Benzyl Alcohol

Concen: 46.634 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

ClientSampled :

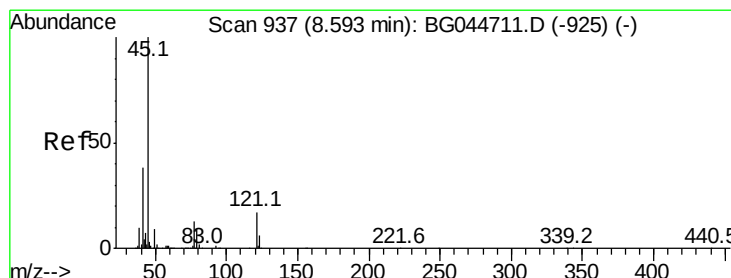
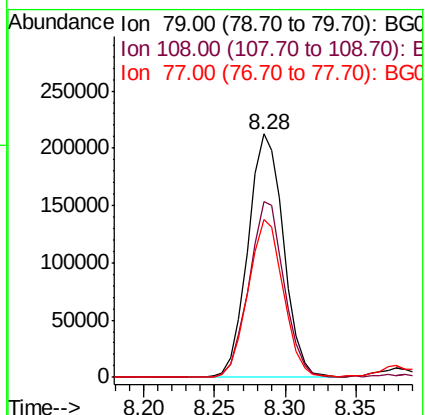
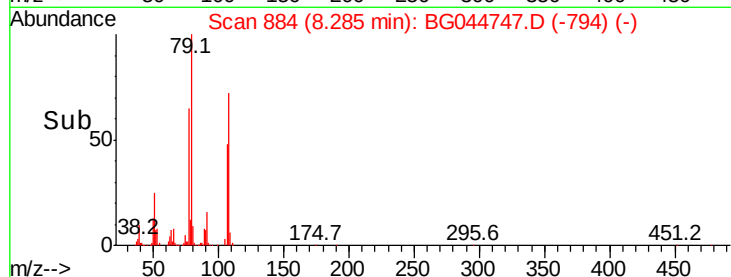
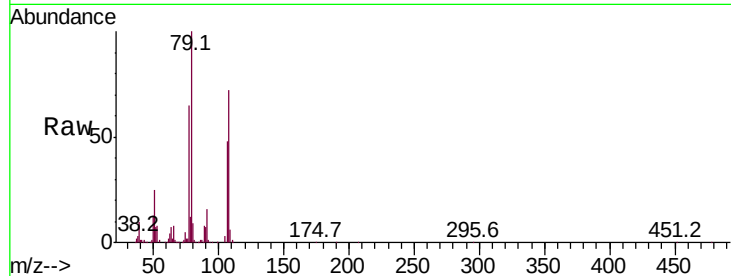
Tot Ion: 79 Resp: 375105

Ion Ratio Lower Upper

79 100

108 72.4 55.4 83.0

77 64.7 52.2 78.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.806 ng

RT: 8.59 min Scan# 936

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

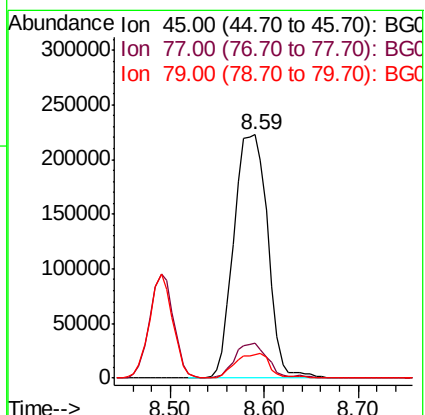
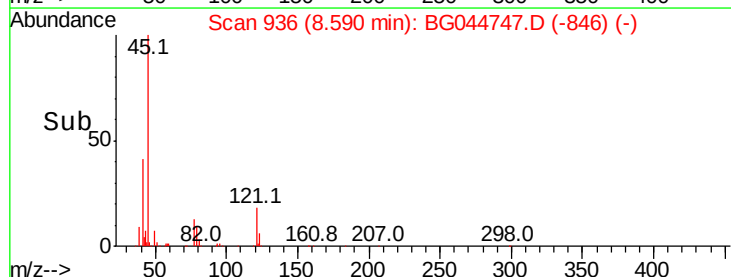
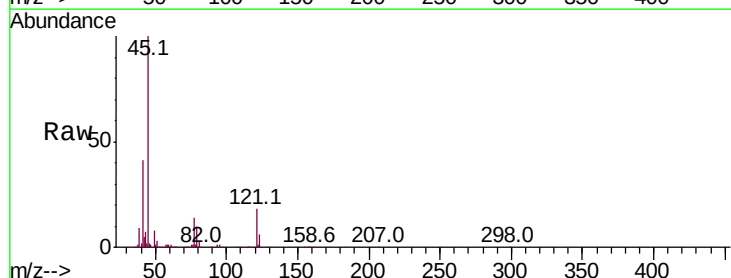
Tgt Ion: 45 Resp: 556434

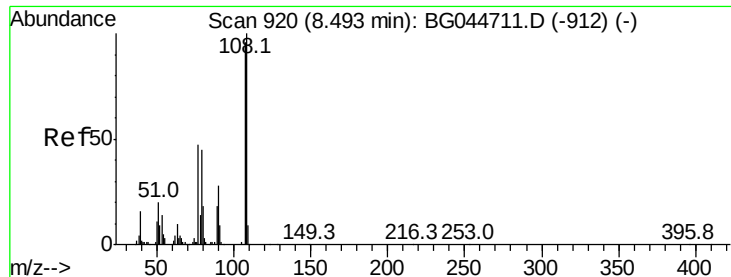
Ion Ratio Lower Upper

45 100

77 14.4 0.0 33.4

79 9.6 0.0 30.0

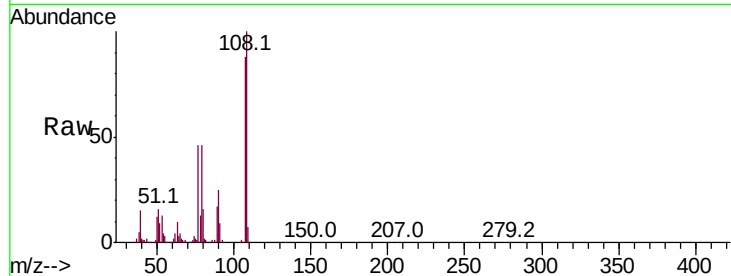




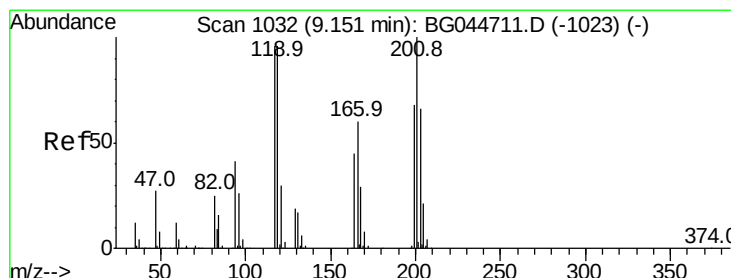
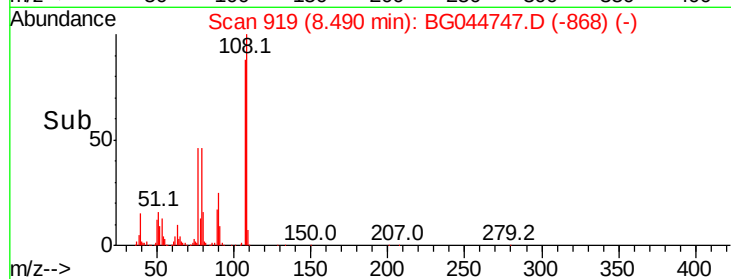
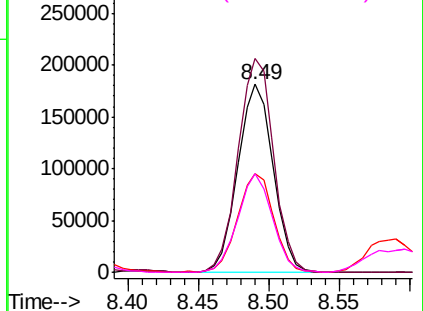
#17
2-Methylphenol
Concen: 47.314 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 318094
Ion Ratio Lower Upper
107 100
108 113.6 83.2 124.8
77 52.2 39.0 58.6
79 52.2 37.6 56.4

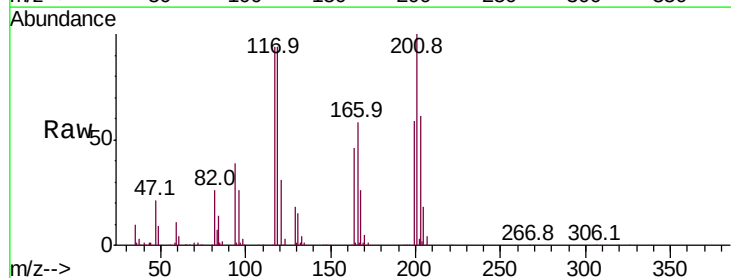


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

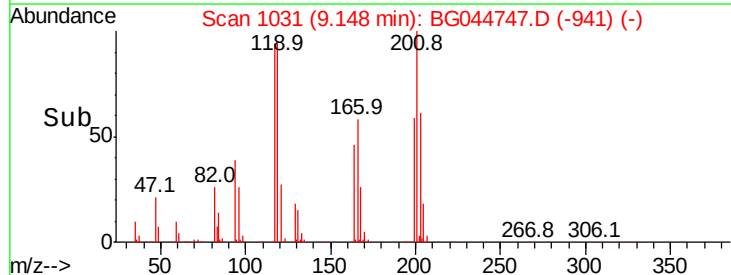
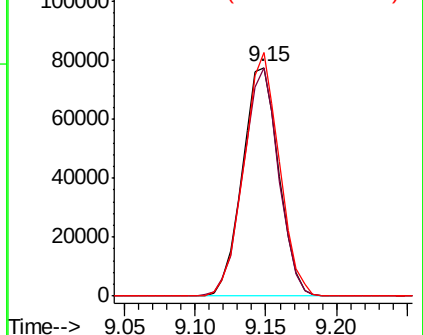


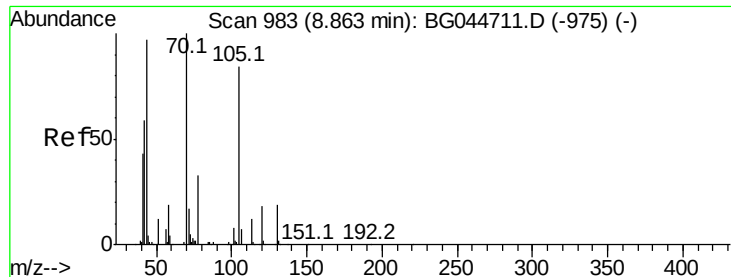
#18
Hexachloroethane
Concen: 42.494 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion:117 Resp: 140335
Ion Ratio Lower Upper
117 100
119 99.8 80.2 120.4
201 106.6 83.4 125.2



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

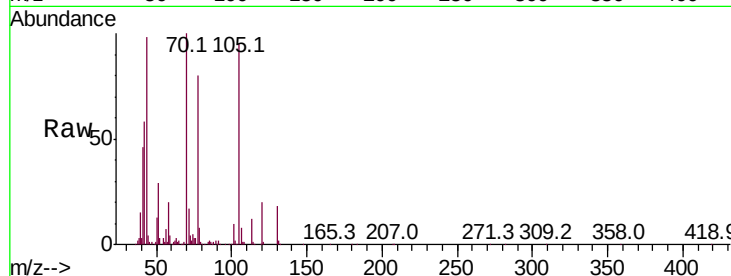




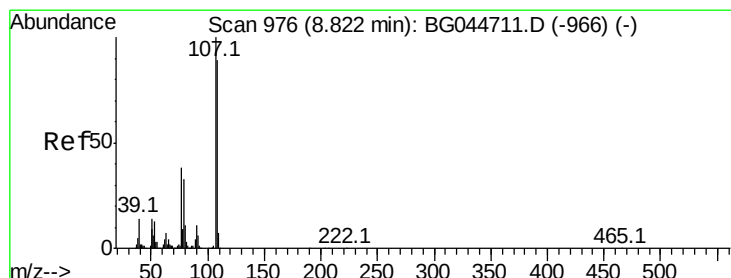
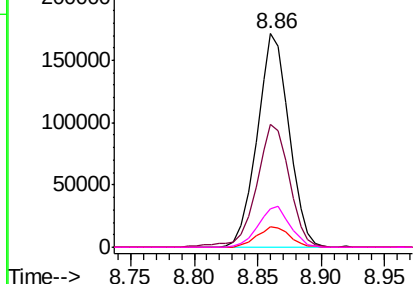
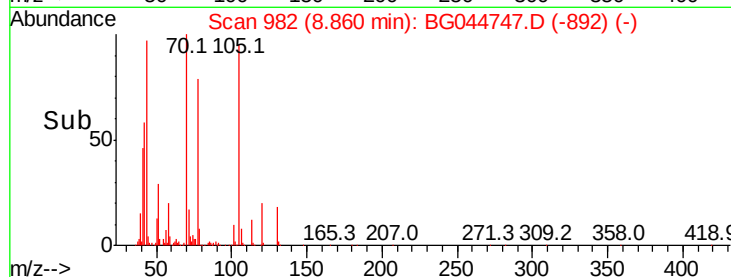
#19
n-Nitroso-di-n-propylamine
Concen: 42.299 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Instrument :
BNA_G
ClientSampled :

Tot Ion: 70 Resp: 299424
Ion Ratio Lower Upper
70 100
42 57.8 47.6 71.4
101 9.6 6.5 9.7
130 17.9 15.0 22.4

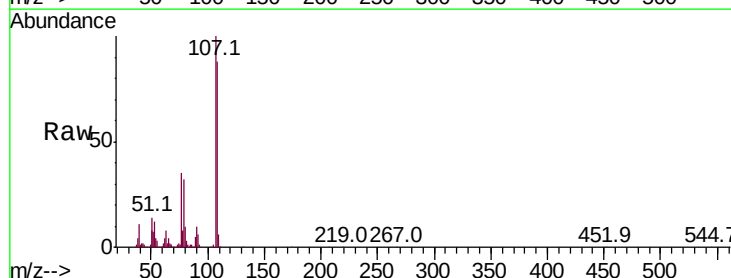


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

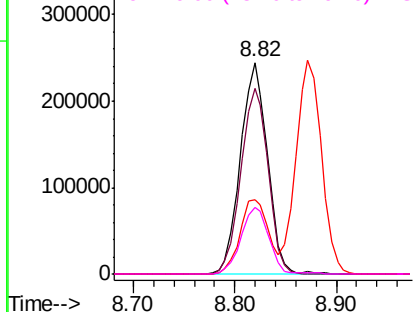
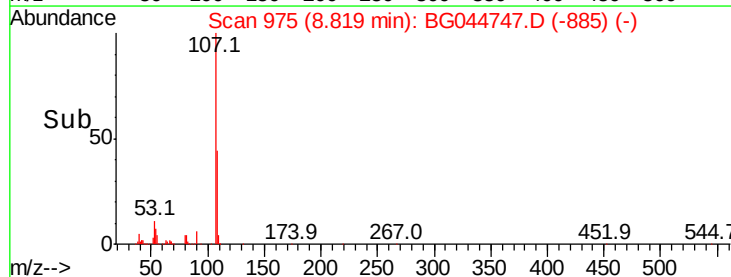


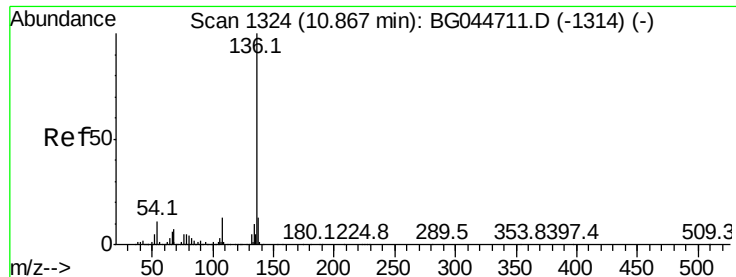
#20
3+4-Methylphenols
Concen: 48.653 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion:107 Resp: 450900
Ion Ratio Lower Upper
107 100
108 87.6 69.1 109.1
77 35.4 17.7 57.7
79 31.7 13.0 53.0



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 442694

Ion	Ratio	Lower	Upper
136	100		
137	10.5	10.7	16.1#
54	10.4	9.0	13.4
68	6.6	5.9	8.9

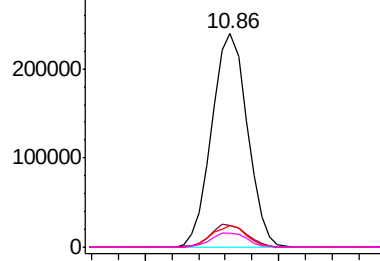
Abundance

Ion 136.00 (135.70 to 136.70): E

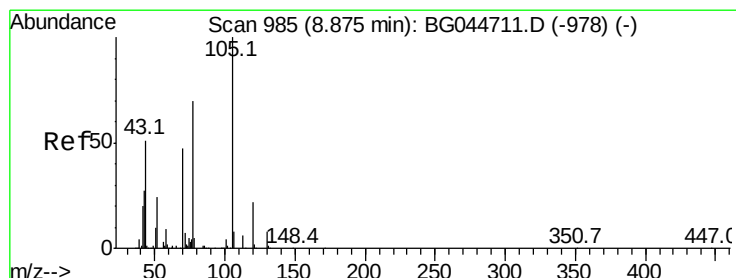
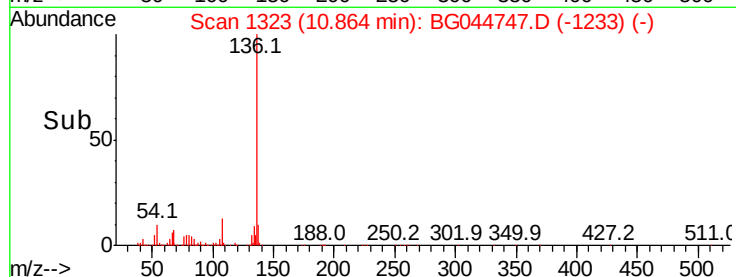
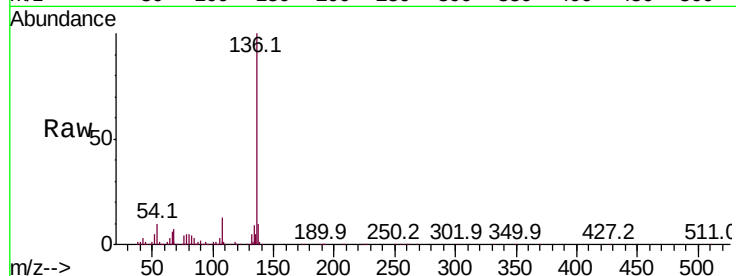
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#22

Acetophenone

Concen: 41.849 ng

RT: 8.87 min Scan# 984

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Tgt Ion:105 Resp: 524850

Ion	Ratio	Lower	Upper
105	100		
71	7.2	5.8	8.8
51	29.4	23.8	35.8
120	22.3	17.3	25.9

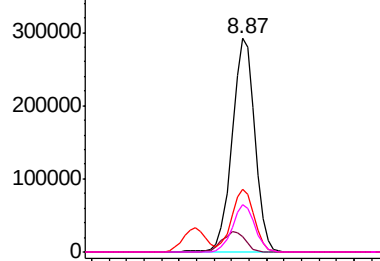
Abundance

Ion 105.00 (104.70 to 105.70): E

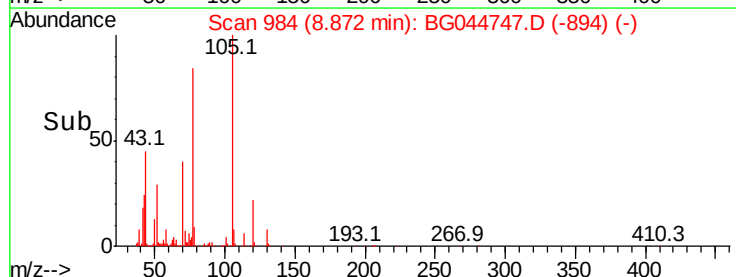
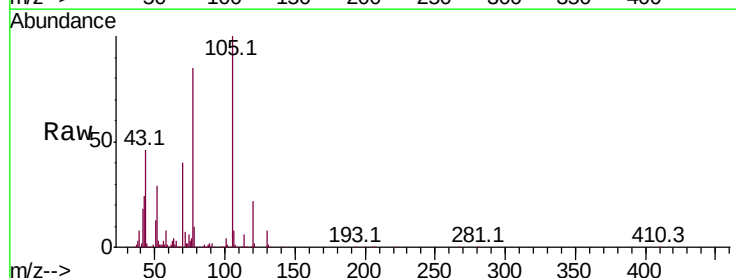
Ion 71.00 (70.70 to 71.70): BGC

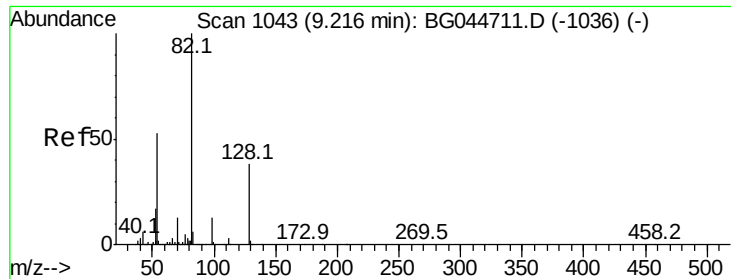
Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



Time-->

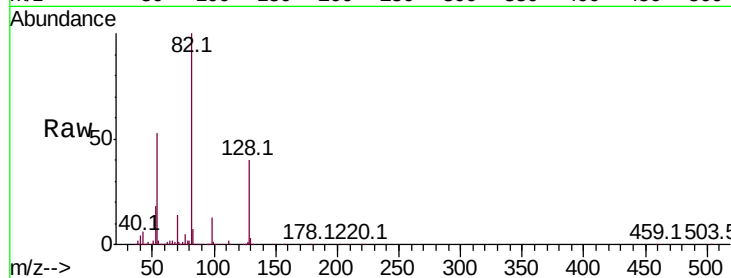




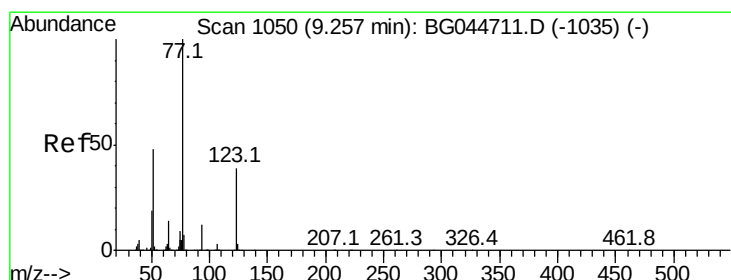
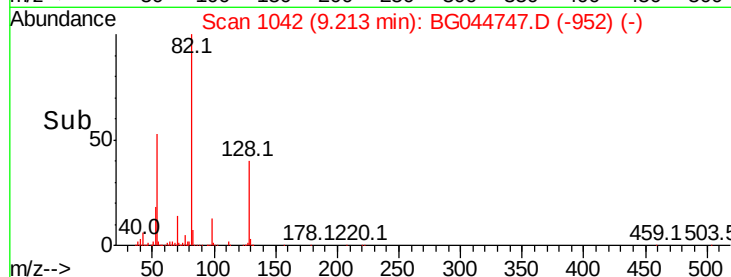
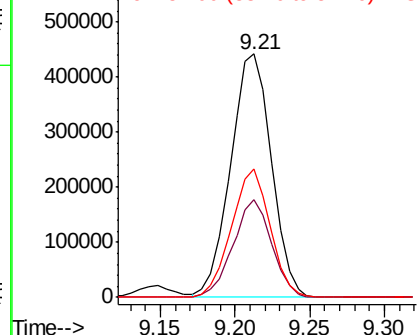
#23
 Nitrobenzene-d5
 Concen: 83.232 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG044747.D
 Acq: 12 Mar 2020 23:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 839684
 Ion Ratio Lower Upper
 82 100
 128 40.3 30.2 45.2
 54 52.8 41.8 62.8

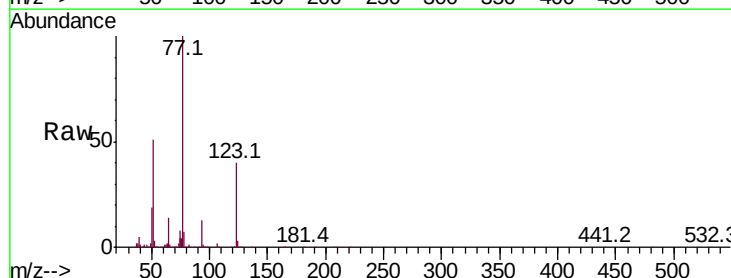


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

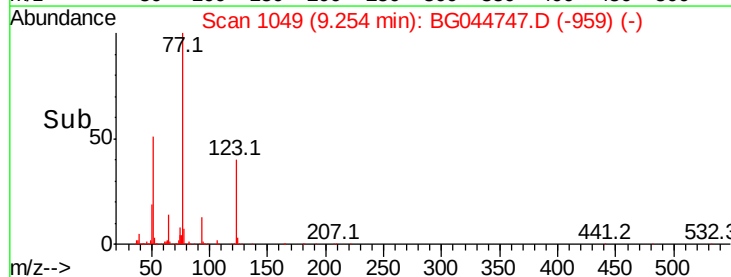
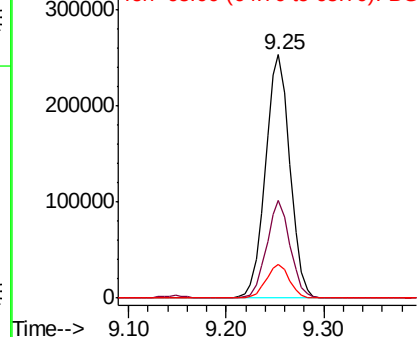


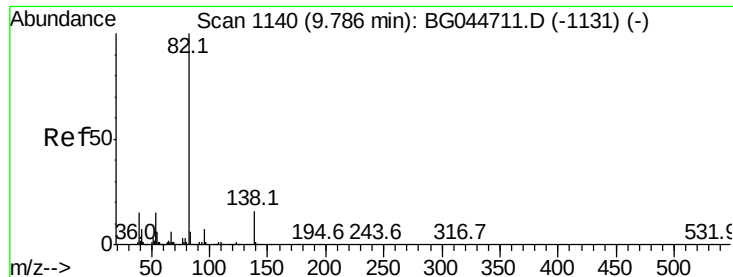
#24
 Nitrobenzene
 Concen: 42.723 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG044747.D
 Acq: 12 Mar 2020 23:28

Tgt Ion: 77 Resp: 447221
 Ion Ratio Lower Upper
 77 100
 123 40.3 31.5 47.3
 65 13.9 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 42.044 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

ClientSampleId :

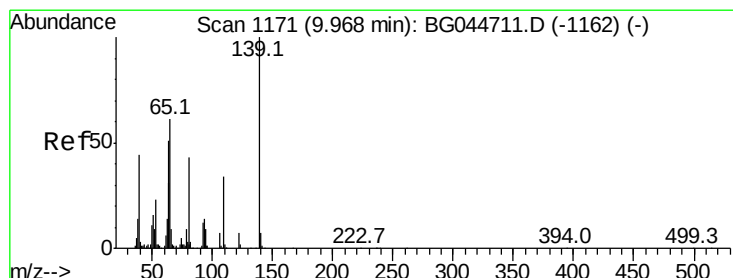
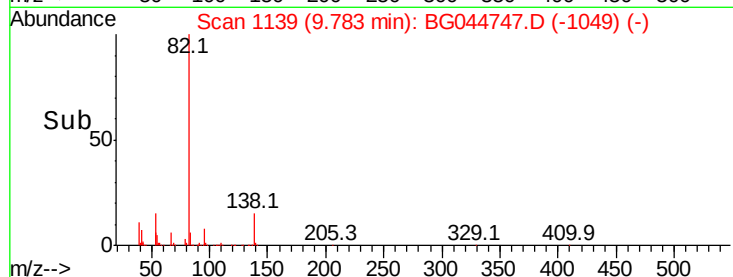
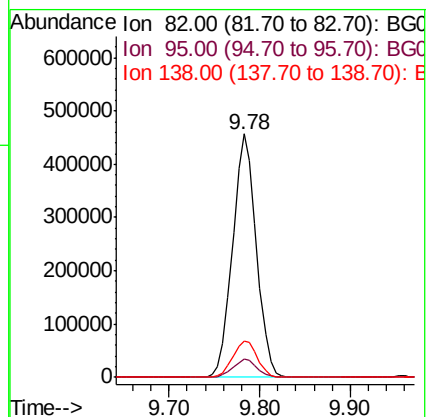
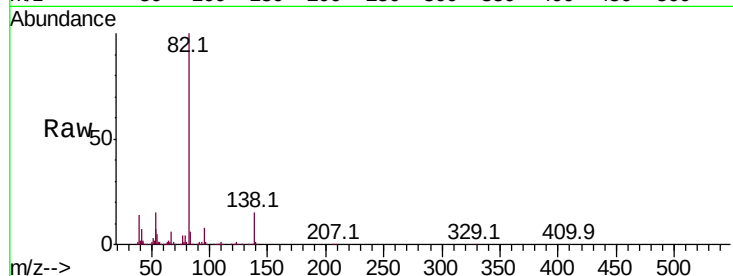
Tot Ion: 82 Resp: 827825

Ion Ratio Lower Upper

82 100

95 7.7 5.6 8.4

138 14.9 13.0 19.4



#26

2-Nitrophenol

Concen: 48.594 ng

RT: 9.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

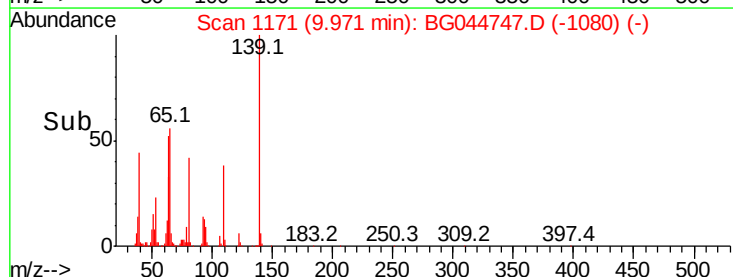
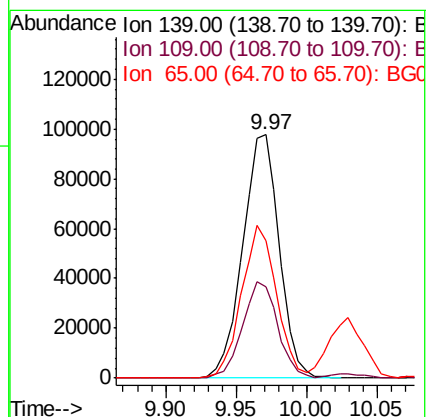
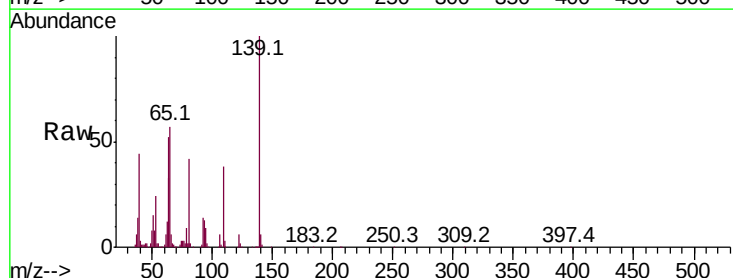
Tgt Ion: 139 Resp: 176876

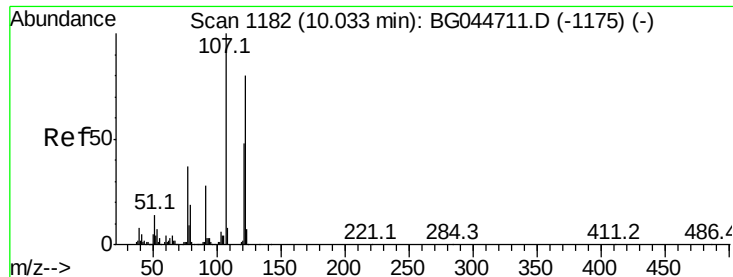
Ion Ratio Lower Upper

139 100

109 37.7 27.0 40.4

65 56.5 48.6 73.0





#27

2,4-Dimethylphenol

Concen: 52.732 ng

RT: 10.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

ClientSampleId :

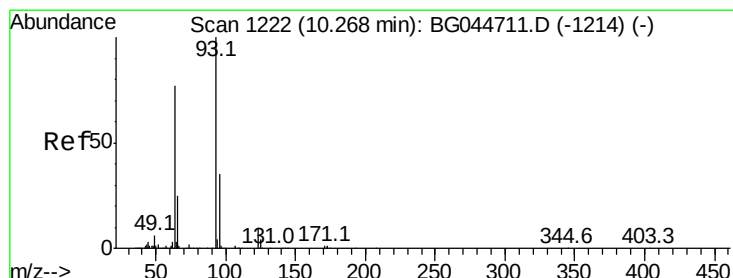
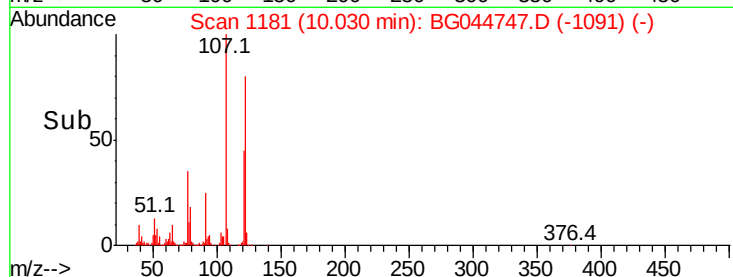
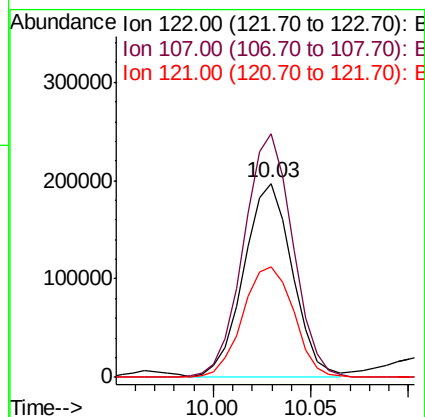
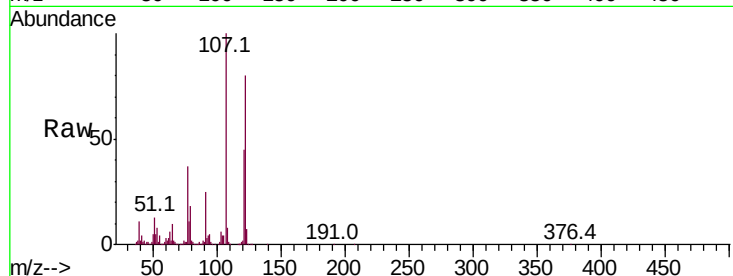
Tot Ion:122 Resp: 338118

Ion Ratio Lower Upper

122 100

107 125.4 99.0 148.6

121 56.7 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 40.428 ng

RT: 10.26 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

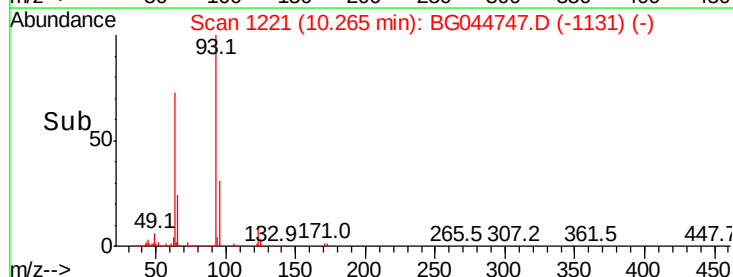
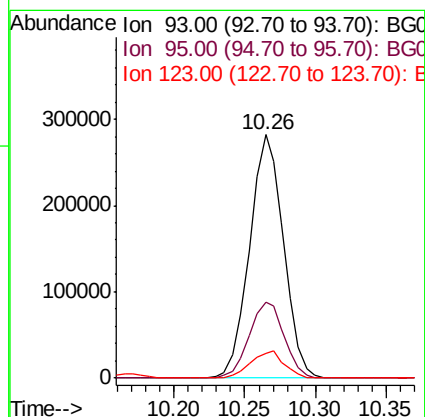
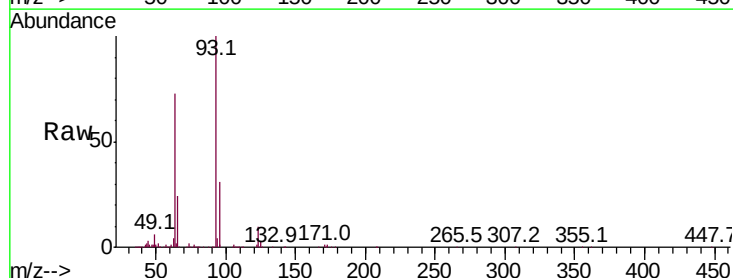
Tgt Ion: 93 Resp: 475048

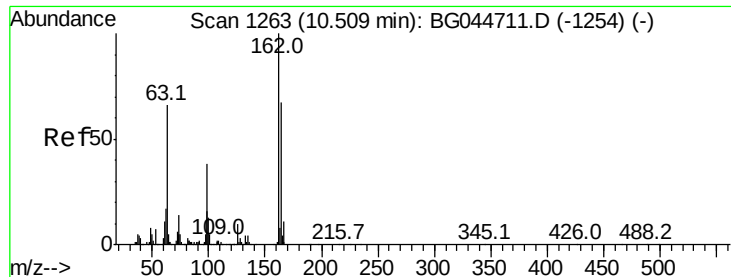
Ion Ratio Lower Upper

93 100

95 31.2 27.7 41.5

123 10.4 8.1 12.1

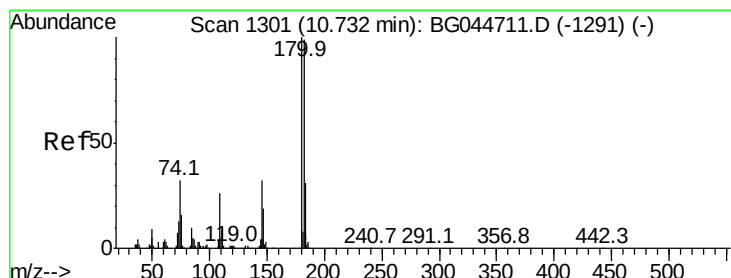
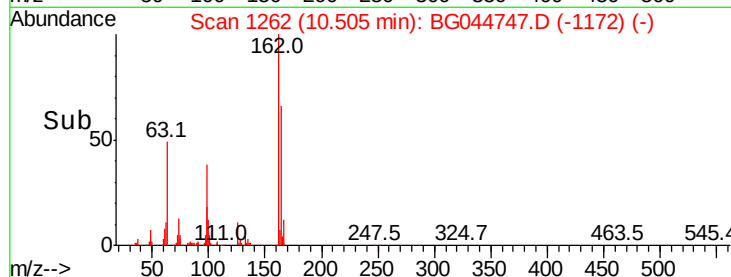
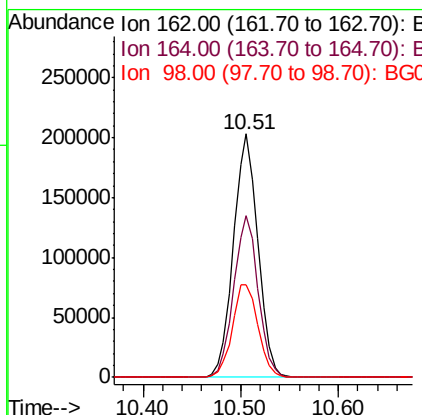
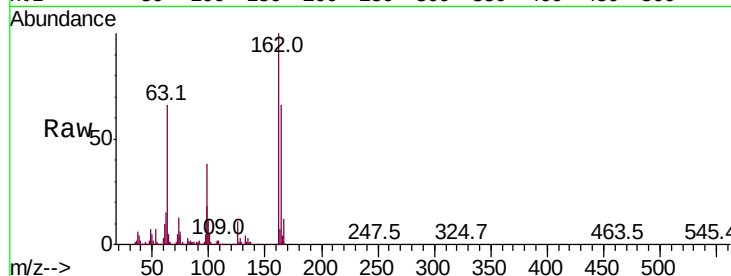




#29
2,4-Dichlorophenol
Concen: 47.177 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

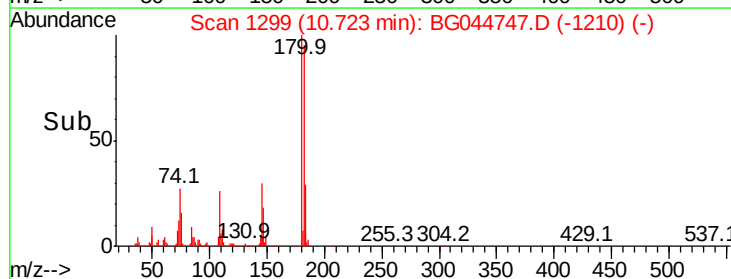
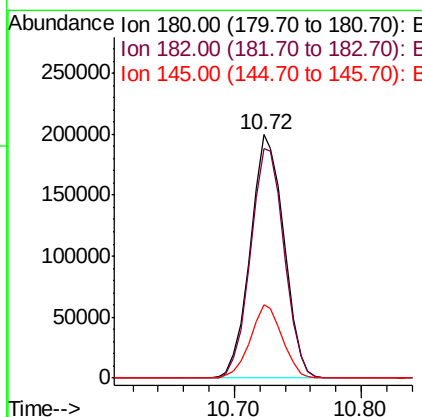
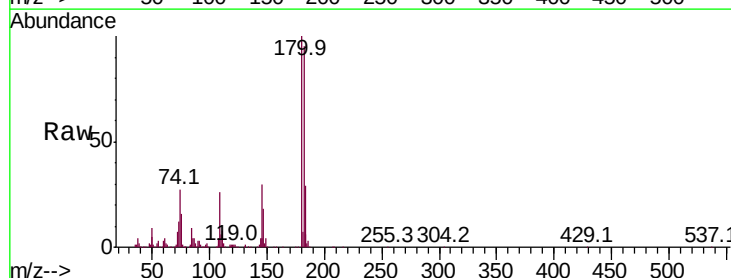
Instrument :
BNA_G
ClientSampleId :

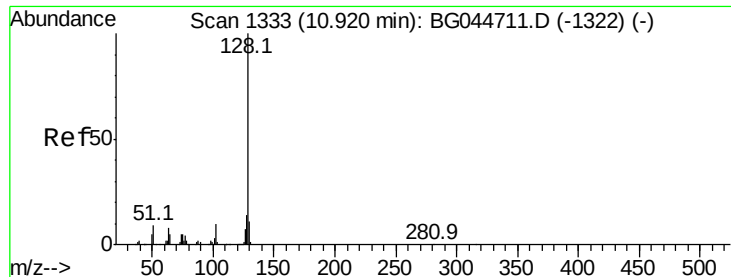
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.4	46.5	86.5
98	37.9	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 40.957 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	78.8	118.2
145	30.2	25.4	38.0

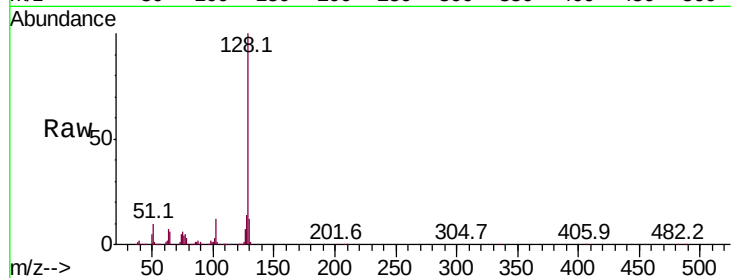




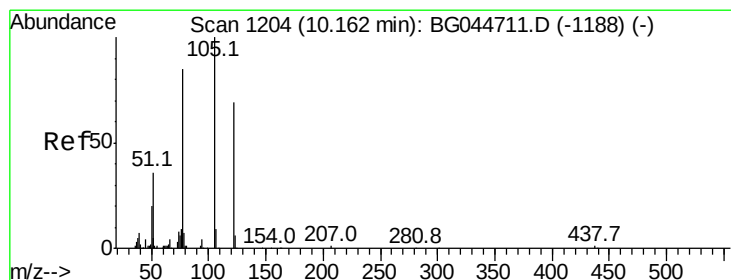
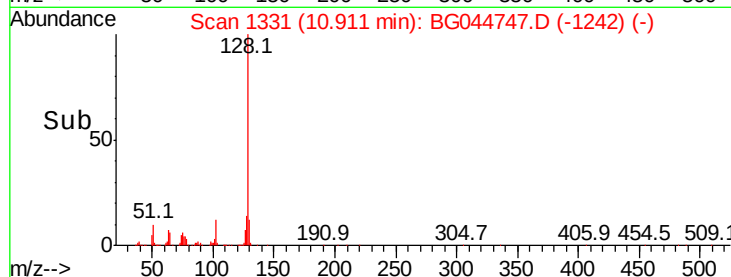
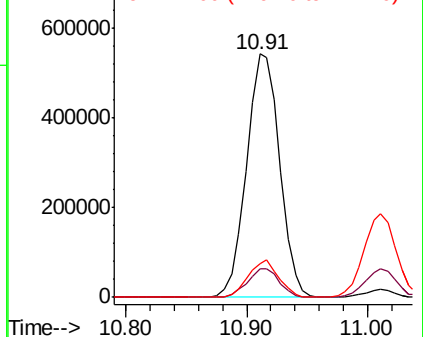
#31
Naphthalene
Concen: 42.043 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 1031017
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 13.8 11.0 16.6

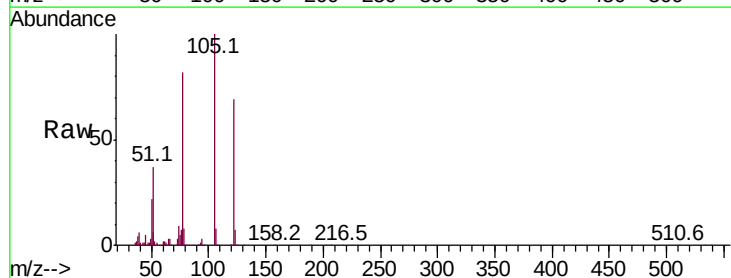


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

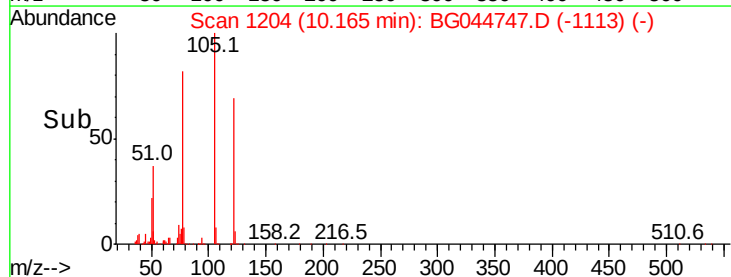
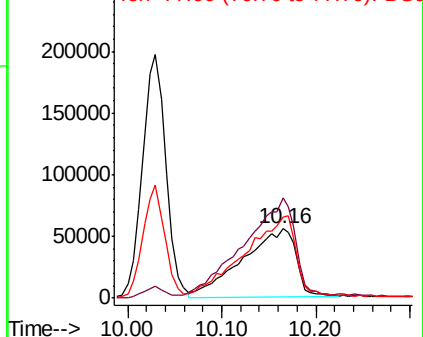


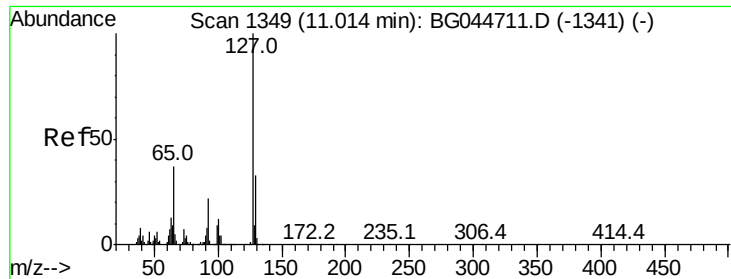
#32
Benzoic acid
Concen: 44.106 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion:122 Resp: 215406
Ion Ratio Lower Upper
122 100
105 143.9 119.0 159.0
77 117.7 96.4 136.4



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

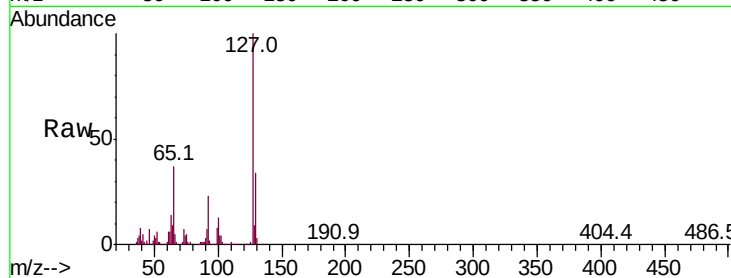




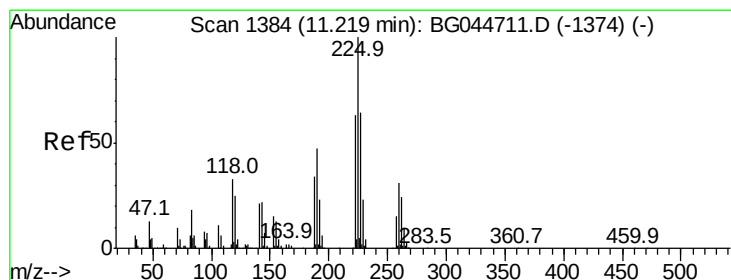
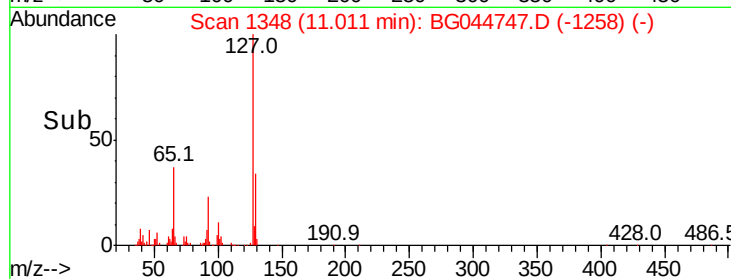
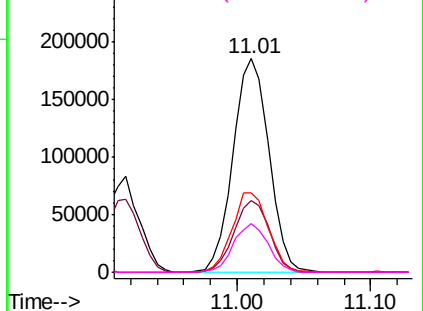
#33
4-Chloroaniline
Concen: 31.178 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 344475
Ion Ratio Lower Upper
127 100
129 33.6 26.2 39.4
65 37.2 29.6 44.4
92 22.7 17.4 26.0

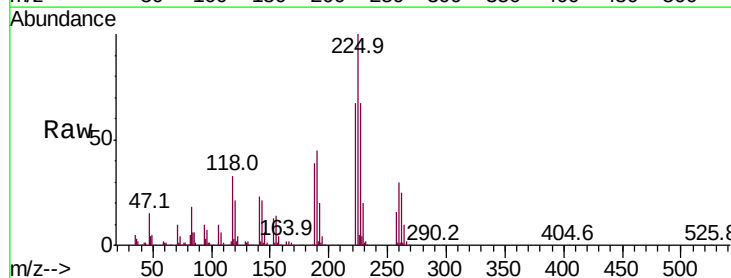


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

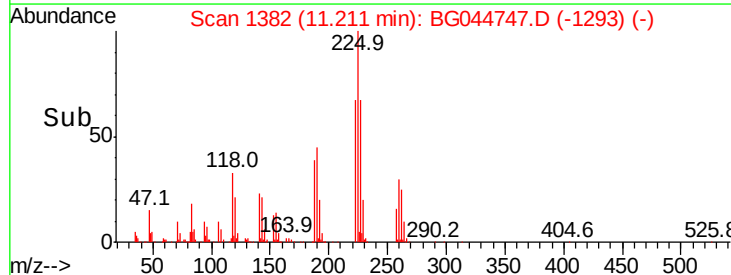
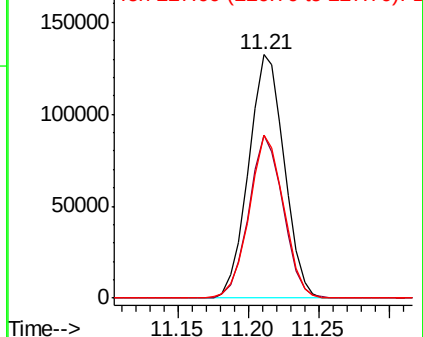


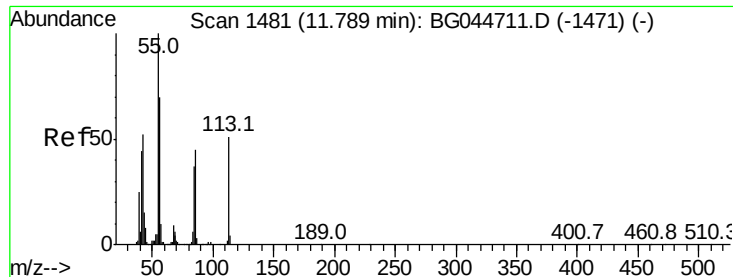
#34
Hexachlorobutadiene
Concen: 39.814 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion:225 Resp: 234462
Ion Ratio Lower Upper
225 100
223 66.8 50.6 76.0
227 67.0 51.6 77.4



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

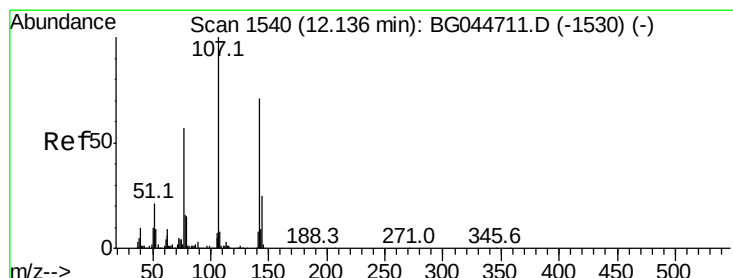
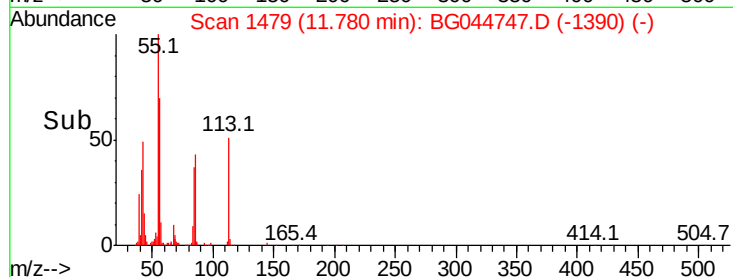
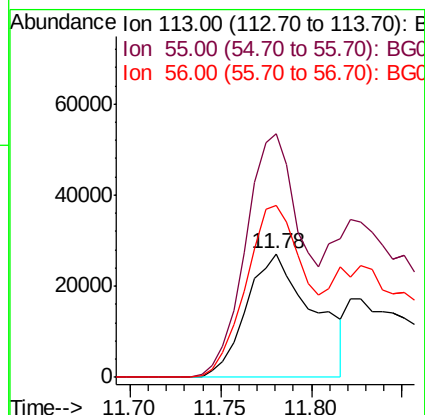
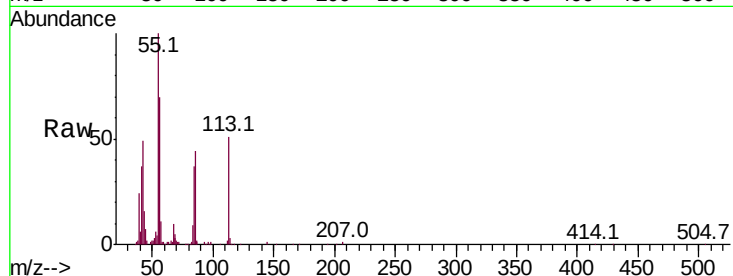




#35
 Caprolactam
 Concen: 24.431 ng
 RT: 11.78 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BG044747.D
 Acq: 12 Mar 2020 23:28

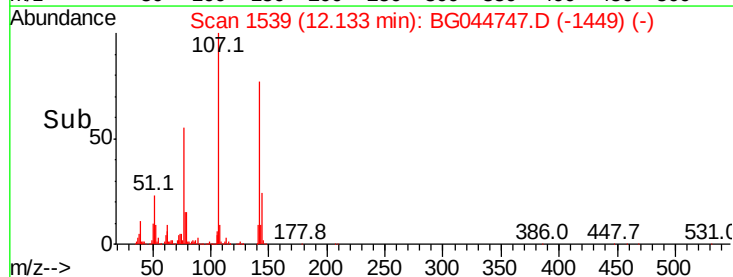
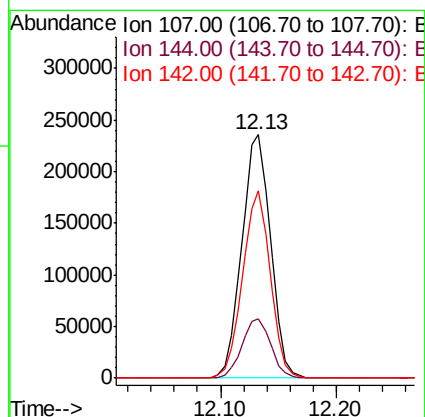
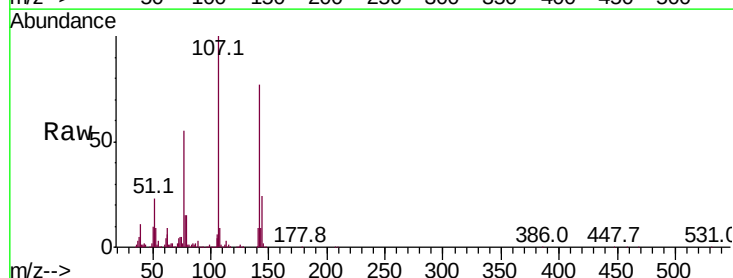
Instrument :
 BNA_G
 ClientSampleId :

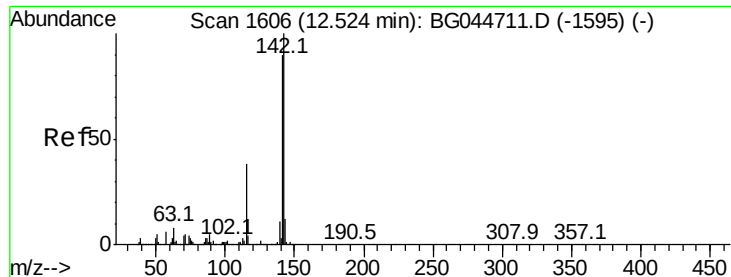
Tot Ion:113 Resp: 69275
 Ion Ratio Lower Upper
 113 100
 55 196.8 178.4 218.4
 56 138.6 117.7 157.7



#36
 4-Chloro-3-methylphenol
 Concen: 45.760 ng
 RT: 12.13 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BG044747.D
 Acq: 12 Mar 2020 23:28

Tgt Ion:107 Resp: 408731
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.6 29.4
 142 76.7 56.5 84.7

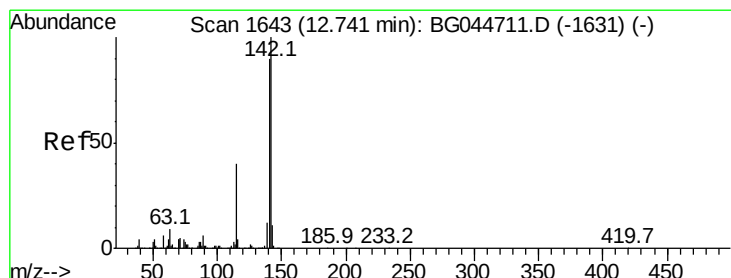
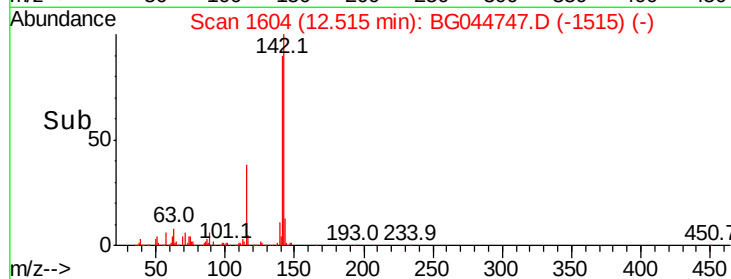
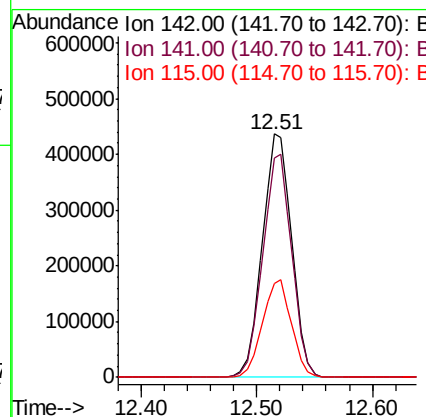
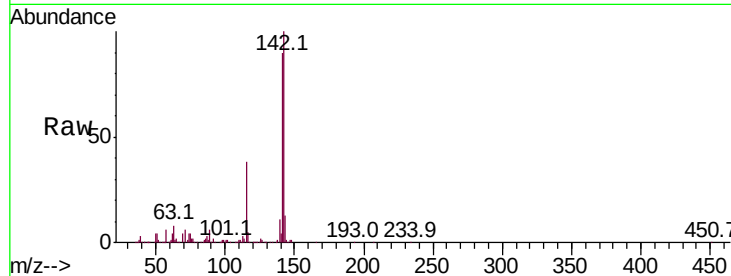




#37
2-Methylnaphthalene
Concen: 42.174 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

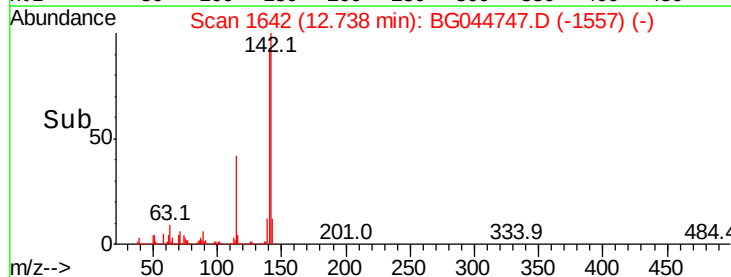
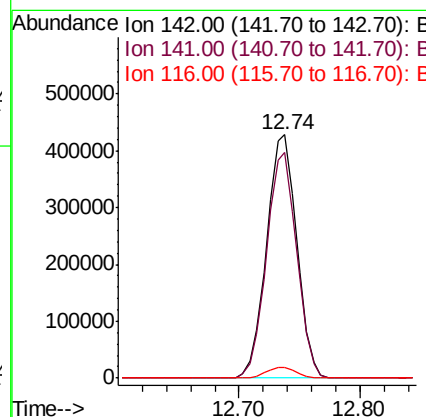
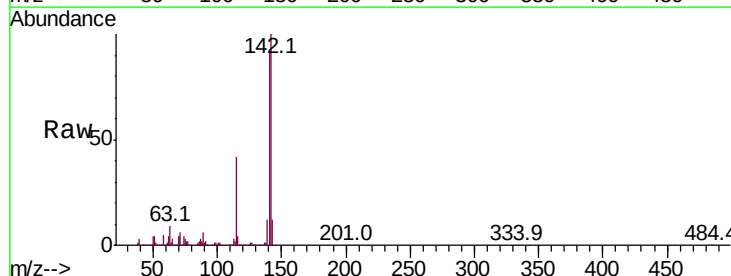
Instrument :
BNA_G
ClientSampleId :

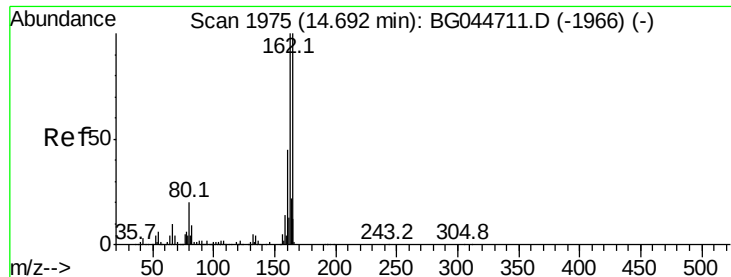
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.3	108.5
115	38.4	30.6	45.8



#38
1-Methylnaphthalene
Concen: 42.829 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	72.2	108.2
116	4.1	3.5	5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

ClientSampleId :

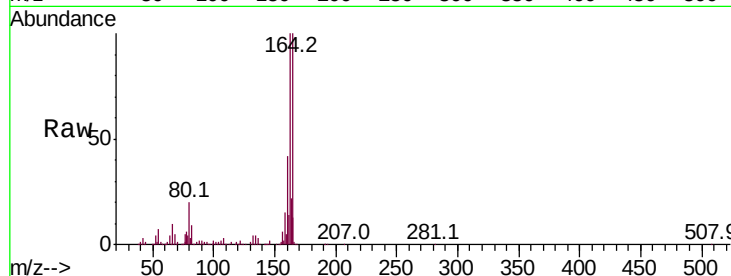
Tot Ion:164 Resp: 301205

Ion Ratio Lower Upper

164 100

162 100.5 80.2 120.4

160 42.3 36.2 54.2

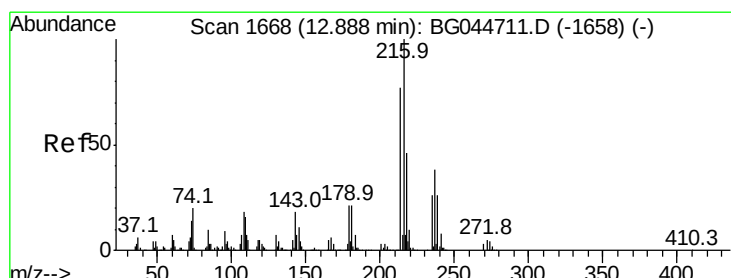
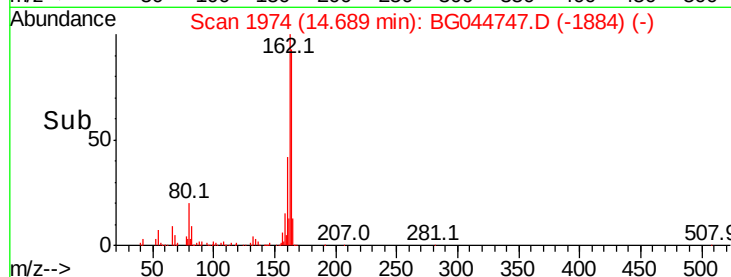
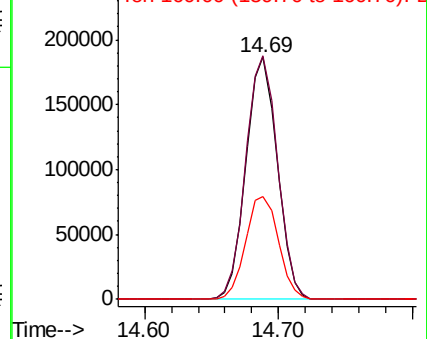


Abundance

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: 40.073 ng

RT: 12.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Tgt Ion:216 Resp: 397504

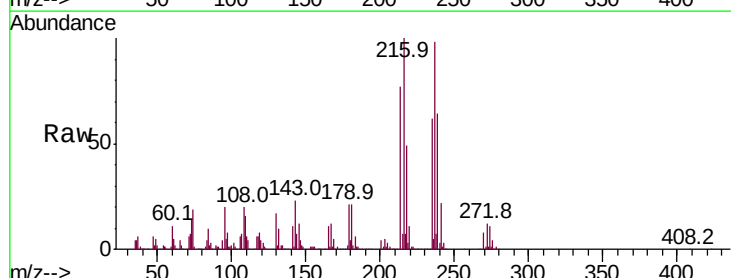
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 21.2 16.6 24.8

108 22.3 15.6 23.4



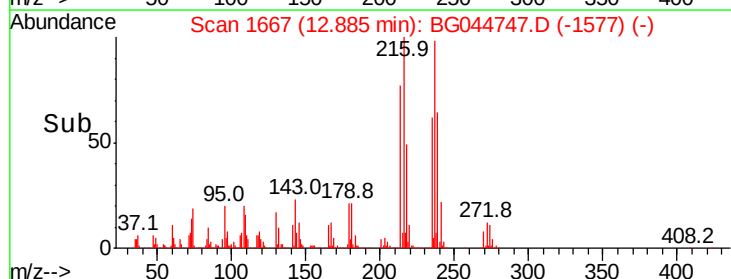
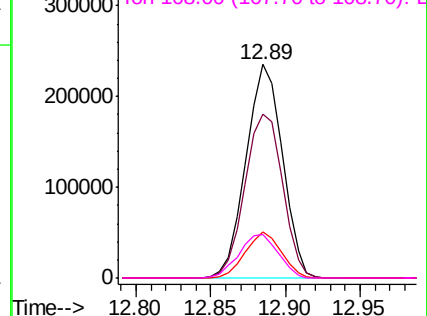
Abundance

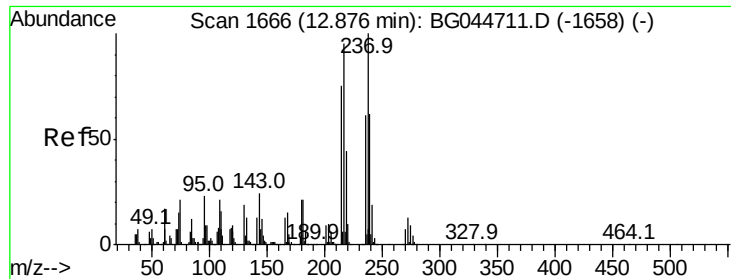
Ion 216.00 (215.70 to 216.70): E

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: 102.985 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

ClientSampleId :

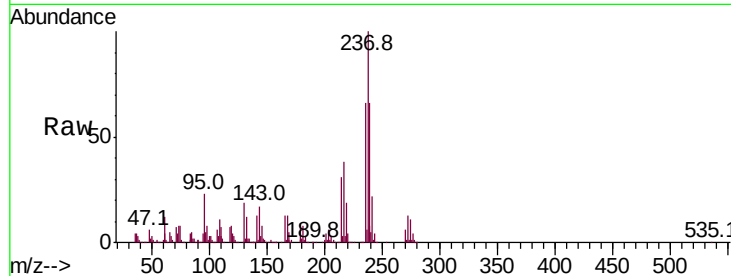
Tot Ion:237 Resp: 558294

Ion Ratio Lower Upper

237 100

235 66.1 40.6 80.6

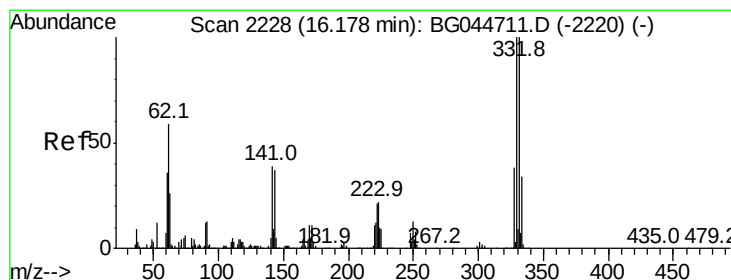
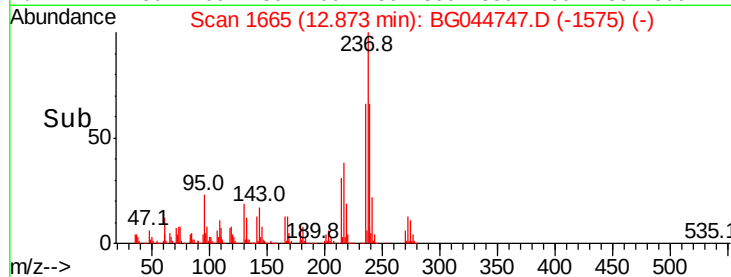
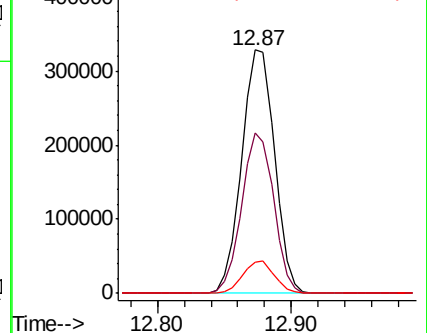
272 12.9 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 127.687 ng

RT: 16.18 min Scan# 2227

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

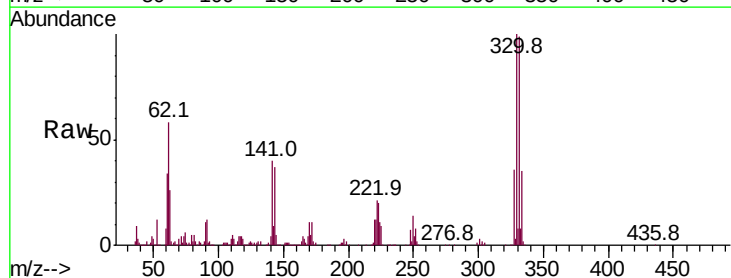
Tgt Ion:330 Resp: 503575

Ion Ratio Lower Upper

330 100

332 97.4 77.5 116.3

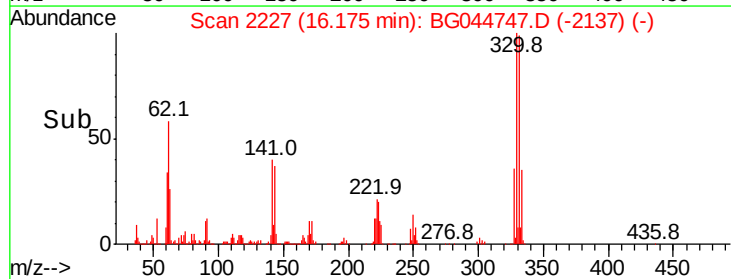
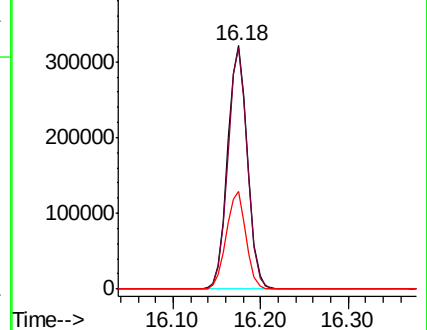
141 39.9 31.7 47.5

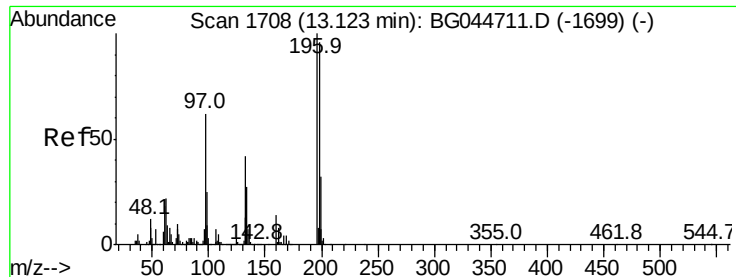


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

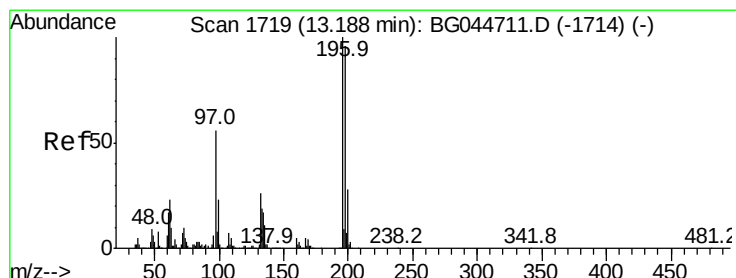
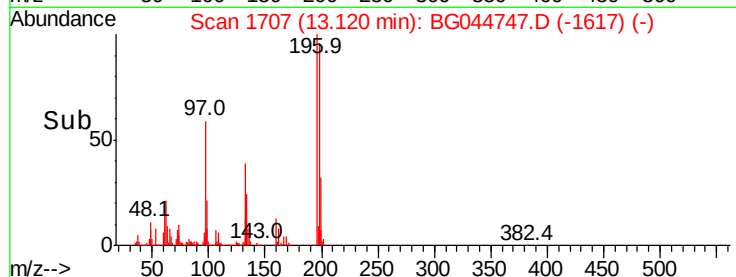
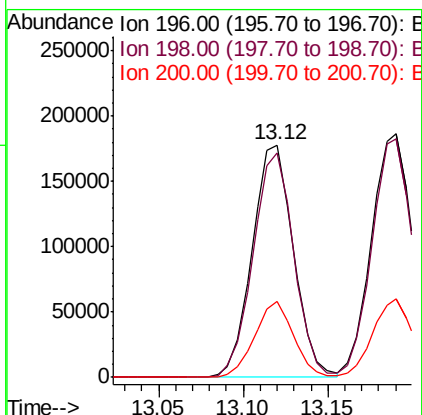
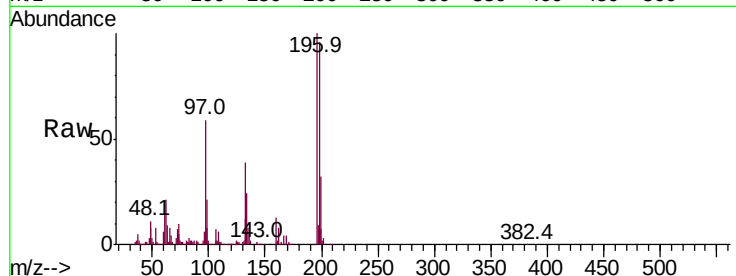




#43
 2,4,6-Trichlorophenol
 Concen: 45.683 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG044747.D
 Acq: 12 Mar 2020 23:28

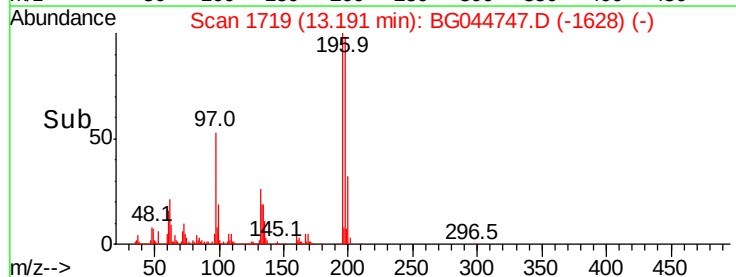
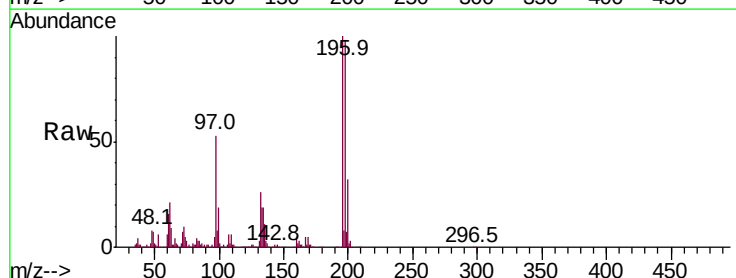
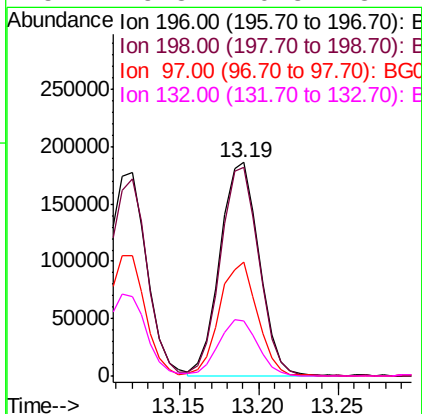
Instrument :
 BNA_G
 ClientSampled :

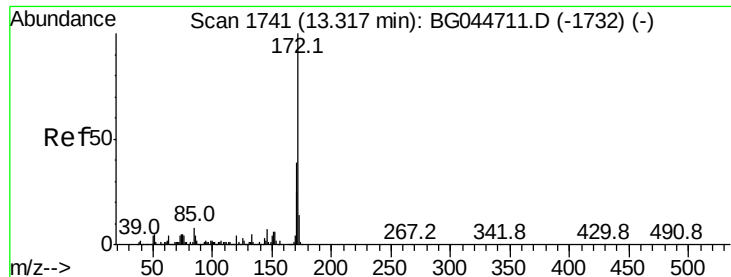
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.5	114.7
200	32.4	25.9	38.9



#44
 2,4,5-Trichlorophenol
 Concen: 46.607 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG044747.D
 Acq: 12 Mar 2020 23:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.8	77.3	115.9
97	53.4	44.9	67.3
132	25.8	20.8	31.2





#45

2-Fluorobiphenyl

Concen: 81.267 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

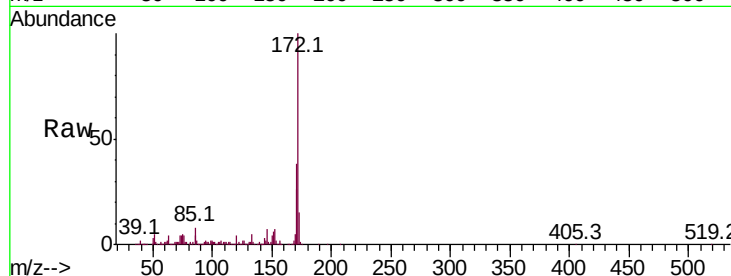
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 1709314

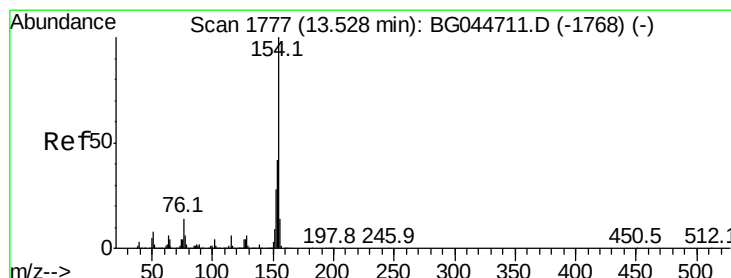
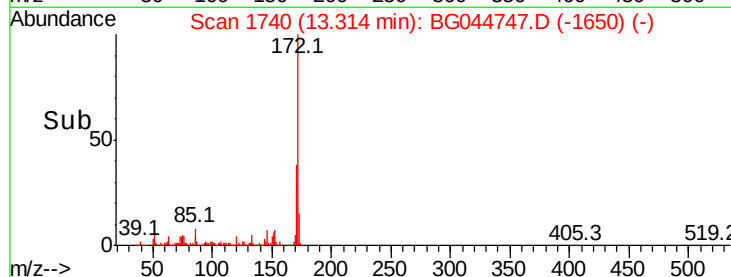
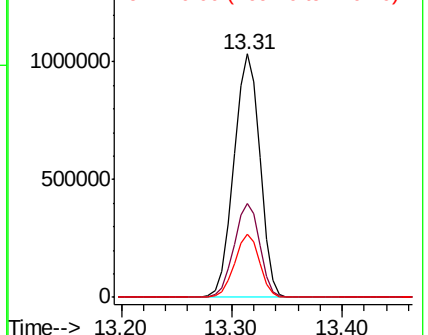
Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.8	46.2
170	26.1	20.0	30.0



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 40.101 ng

RT: 13.53 min Scan# 1776

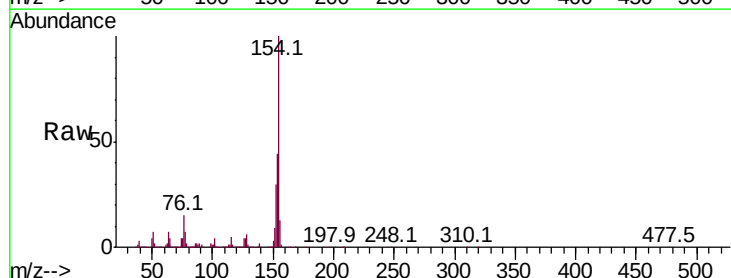
Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Tgt Ion:154 Resp: 965239

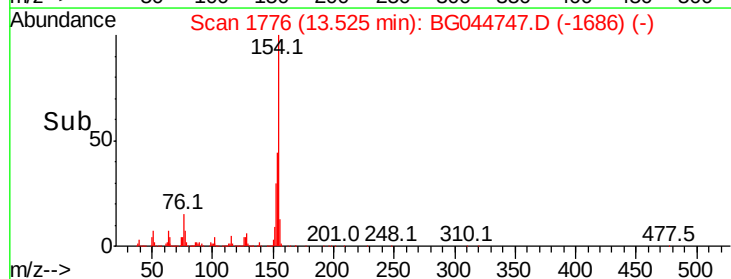
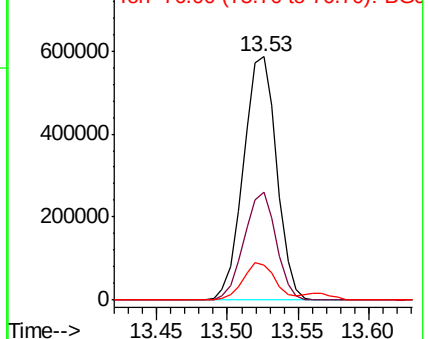
Ion	Ratio	Lower	Upper
154	100		
153	44.2	22.0	62.0
76	14.6	0.0	34.2

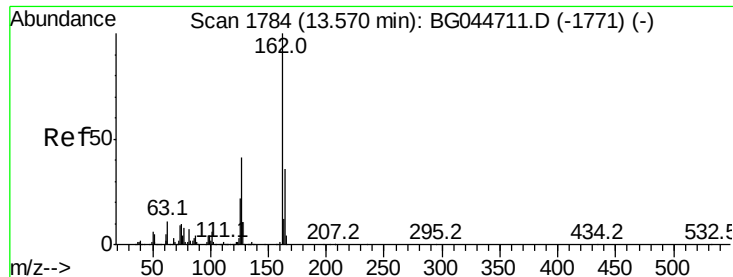


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

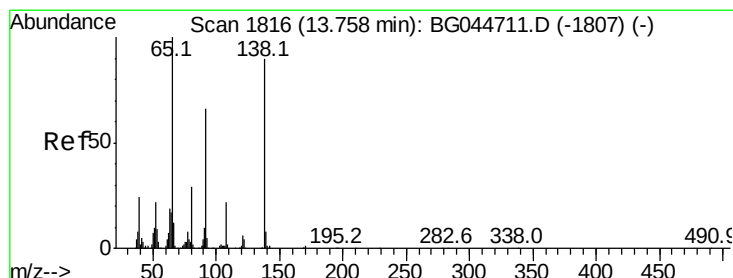
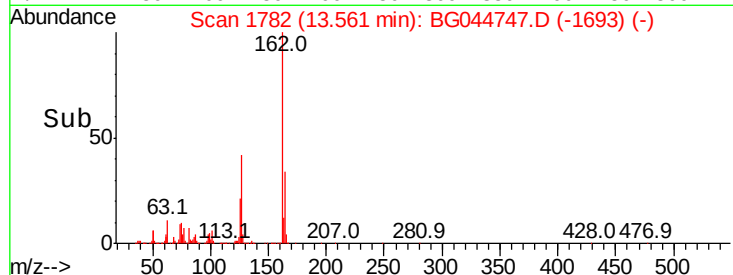
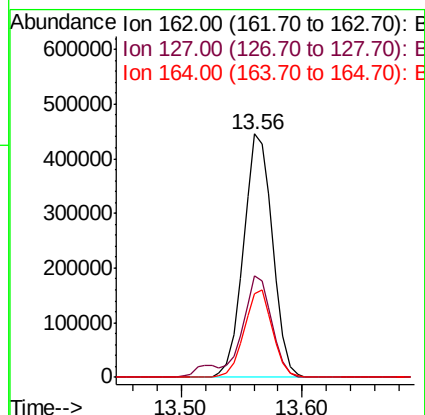
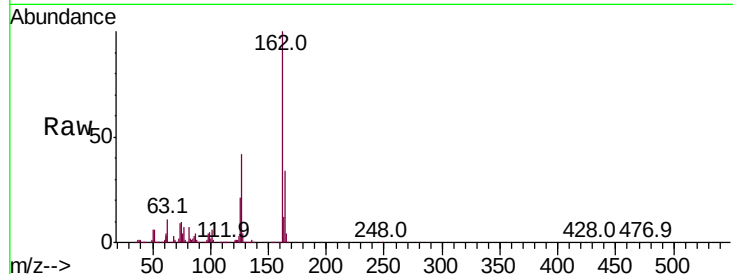




#47
 2-Chloronaphthalene
 Concen: 40.545 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.01 min
 Lab File: BG044747.D
 Acq: 12 Mar 2020 23:28

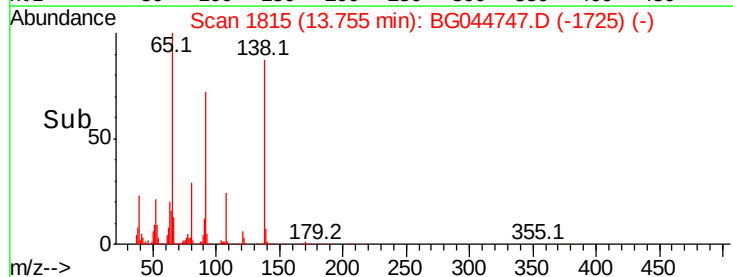
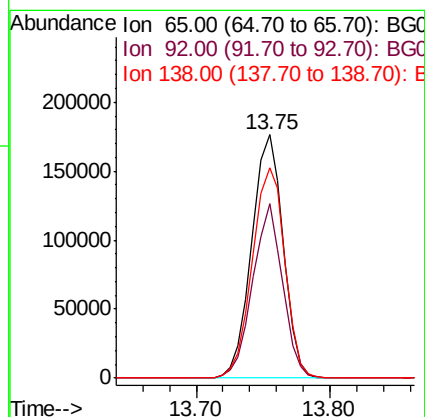
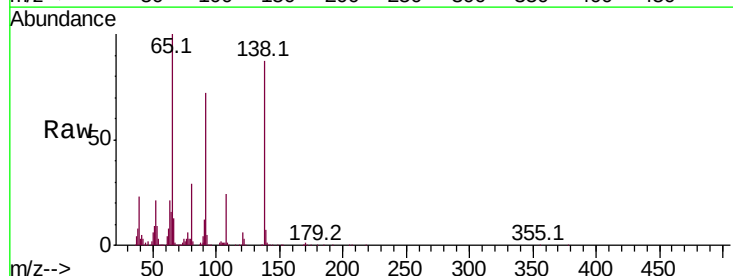
Instrument :
 BNA_G
 ClientSampleId :

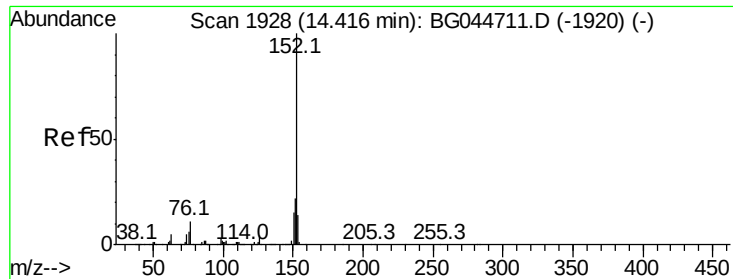
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	32.6	48.8
164	34.2	29.0	43.4



#48
 2-Nitroaniline
 Concen: 44.431 ng
 RT: 13.75 min Scan# 1815
 Delta R.T. -0.00 min
 Lab File: BG044747.D
 Acq: 12 Mar 2020 23:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.6	52.6	79.0
138	86.6	71.8	107.6





#49

Acenaphthylene

Concen: 43.230 ng

RT: 14.41 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

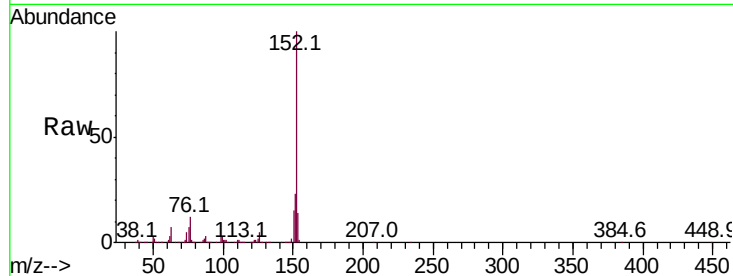
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 1245318

Ion	Ratio	Lower	Upper
152	100		
151	22.9	17.8	26.8
153	14.4	11.4	17.0

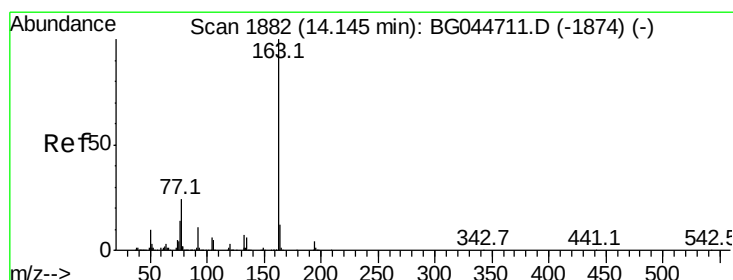
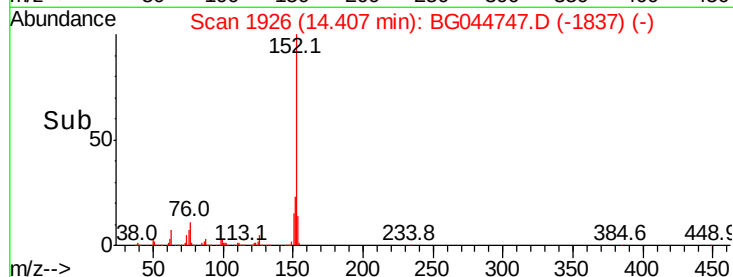
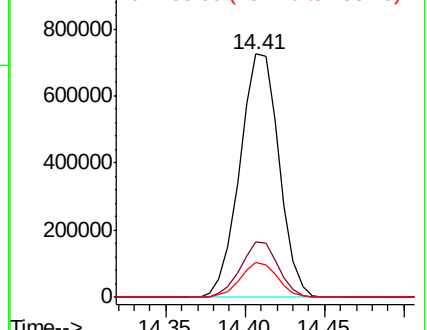


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.517 ng

RT: 14.14 min Scan# 1881

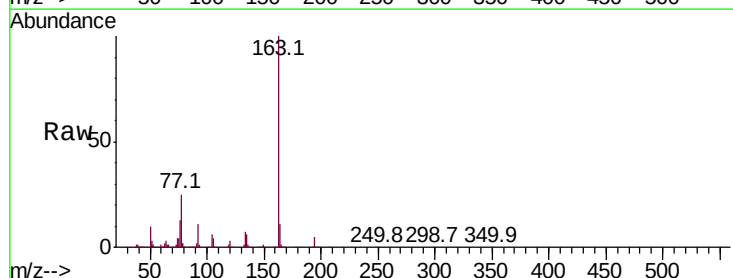
Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Tgt Ion:163 Resp: 995974

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.7	9.2	13.8

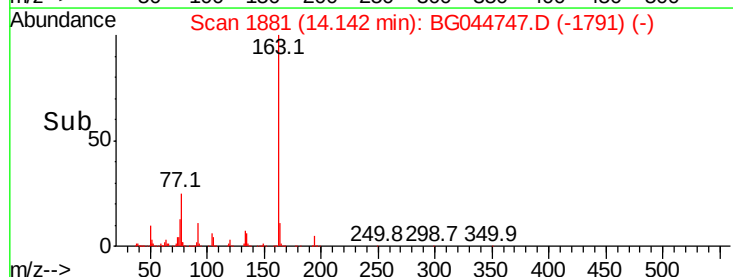
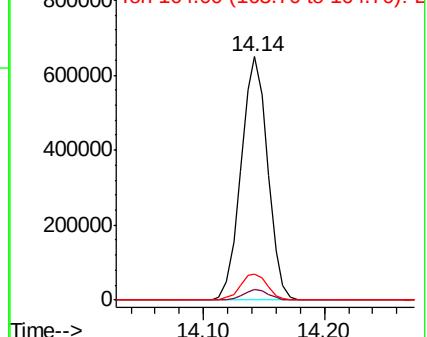


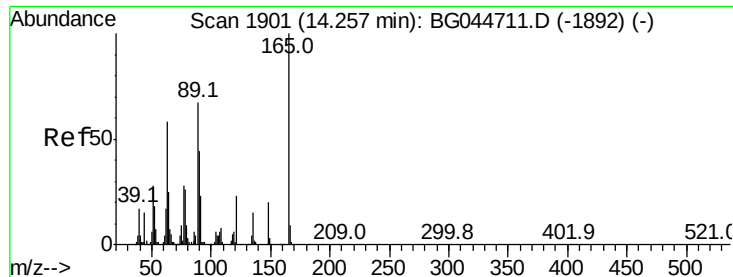
Abundance

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: 46.574 ng

RT: 14.25 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

ClientSampleId :

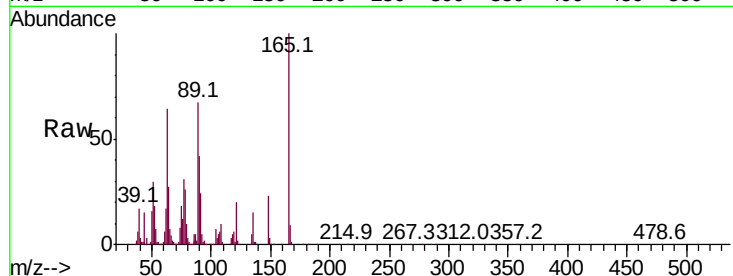
Tot Ion:165 Resp: 225210

Ion Ratio Lower Upper

165 100

63 64.4 48.9 73.3

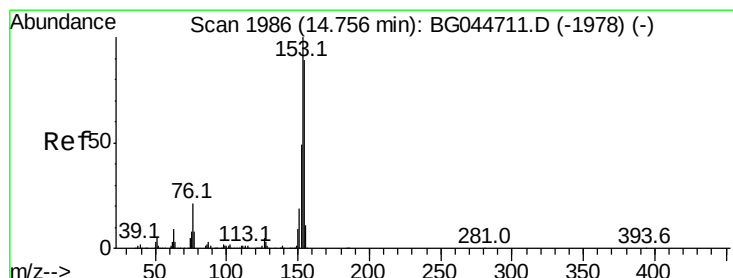
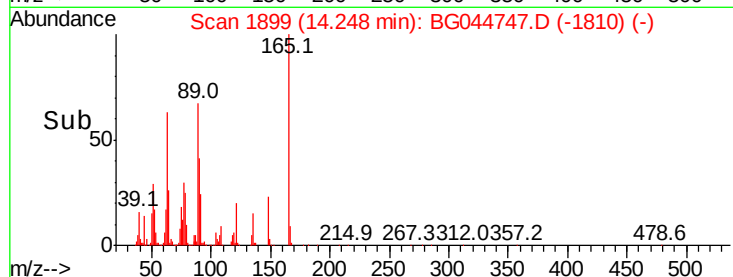
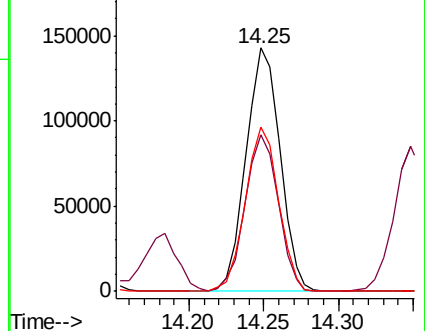
89 67.3 53.8 80.8



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: 46.705 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

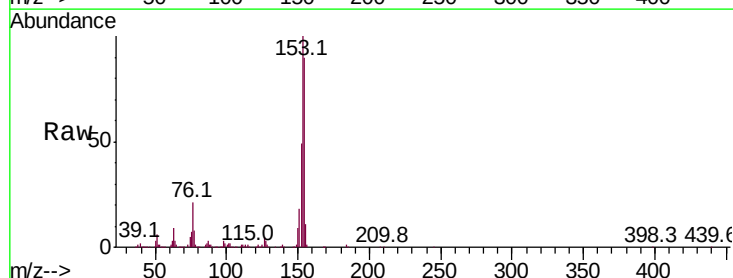
Tgt Ion:154 Resp: 881131

Ion Ratio Lower Upper

154 100

153 111.6 89.8 134.8

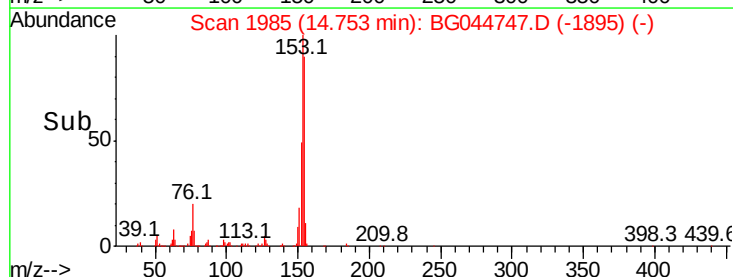
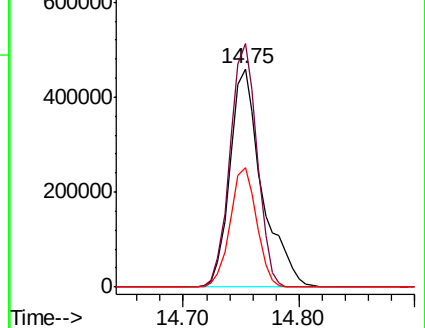
152 54.7 44.4 66.6

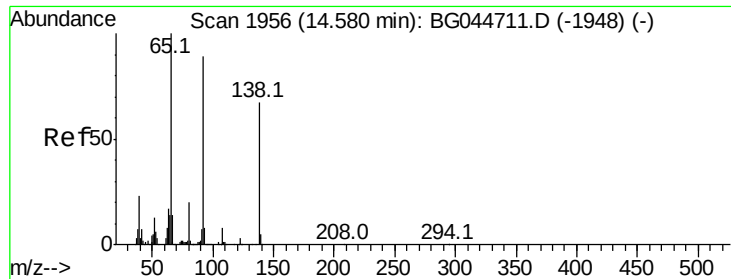


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 34.093 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

ClientSampleId :

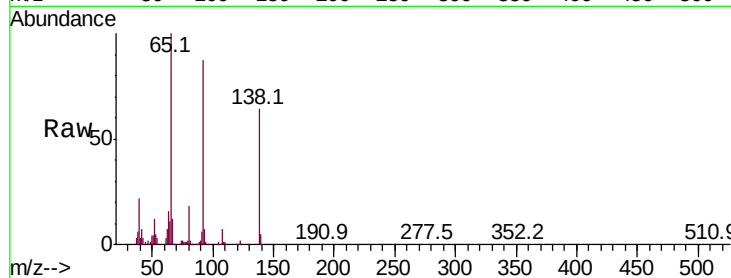
Tot Ion:138 Resp: 189535

Ion Ratio Lower Upper

138 100

108 11.2 9.2 13.8

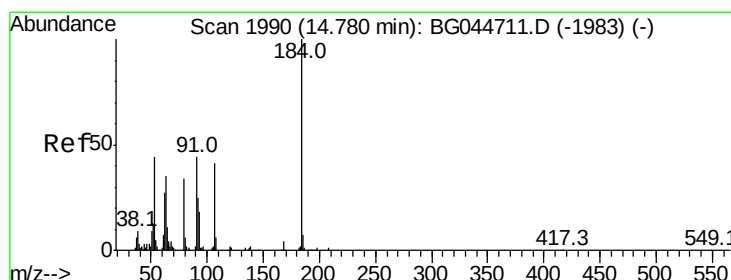
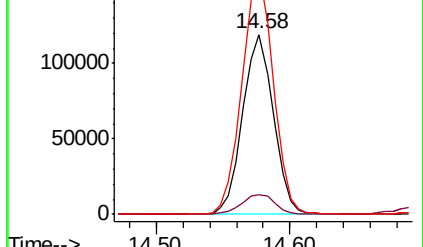
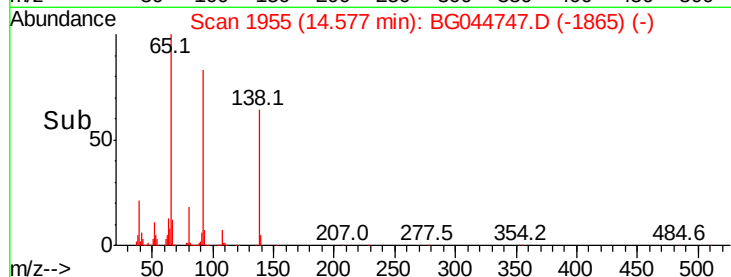
92 135.5 105.6 158.4



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: 91.022 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

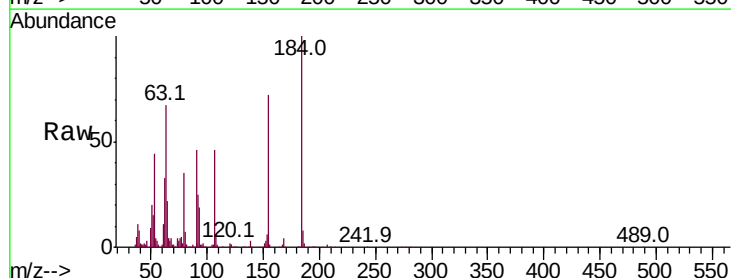
Tgt Ion:184 Resp: 233232

Ion Ratio Lower Upper

184 100

63 66.9 49.0 73.6

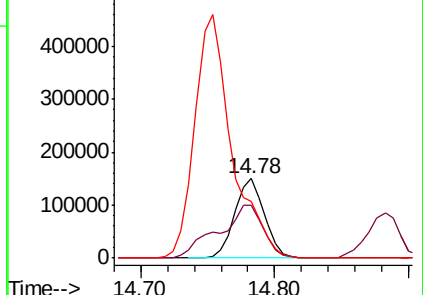
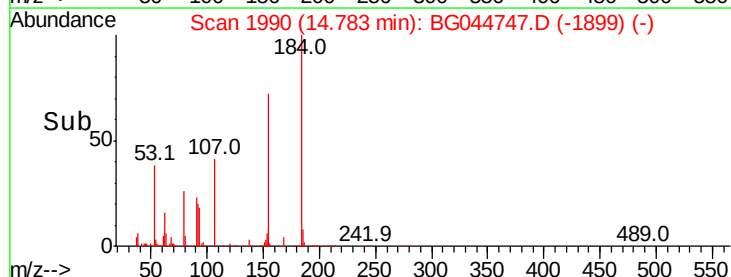
154 71.9 94.5 141.7#

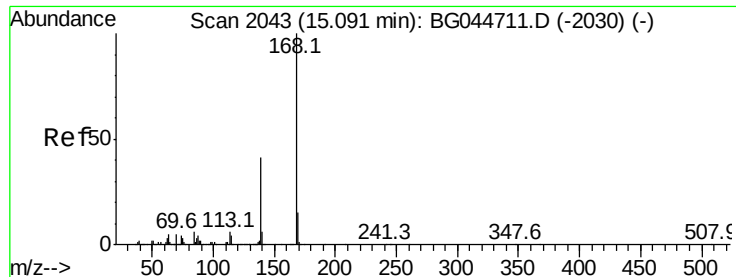


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 42.551 ng

RT: 15.09 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

ClientSampleId :

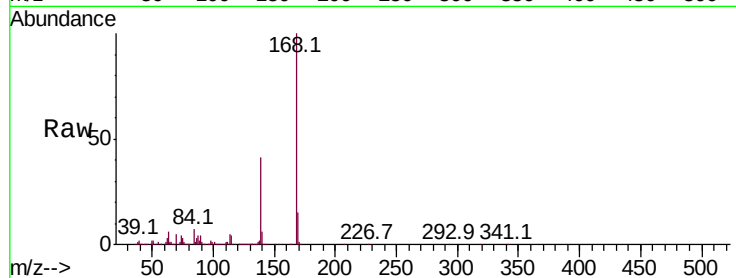
Tot Ion:168 Resp: 1164091

Ion	Ratio	Lower	Upper
168	100		
139	41.2	32.6	49.0
169	14.7	11.8	17.6

168 100

139 41.2 32.6 49.0

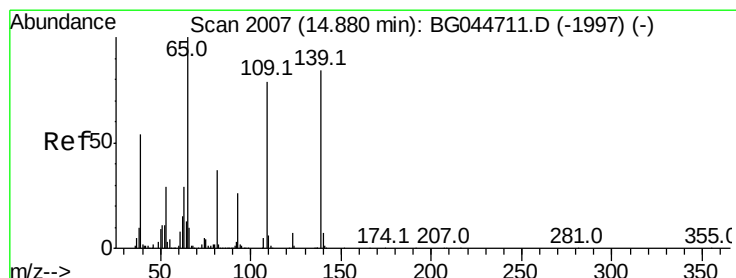
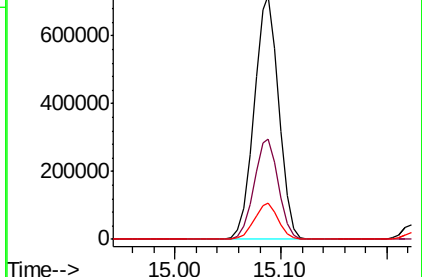
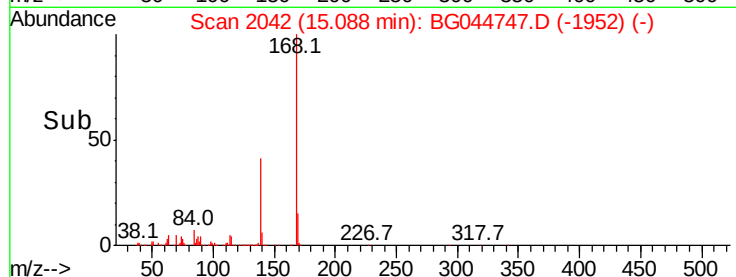
169 14.7 11.8 17.6



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: 90.399 ng

RT: 14.88 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

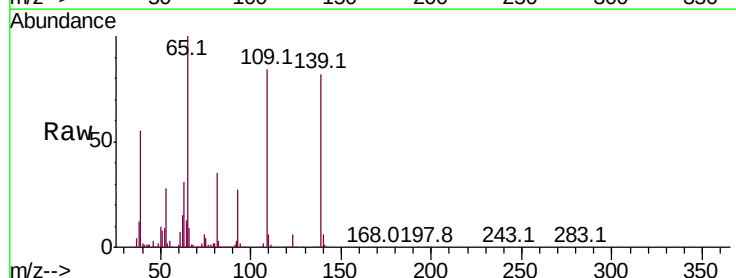
Tgt Ion:139 Resp: 383551

Ion	Ratio	Lower	Upper
139	100		
109	102.7	74.1	114.1
65	121.6	98.6	138.6

139 100

109 102.7 74.1 114.1

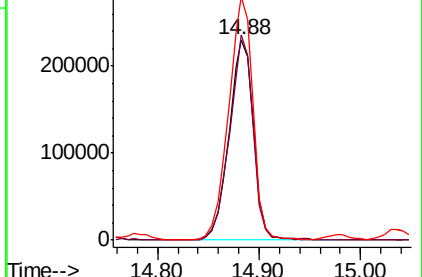
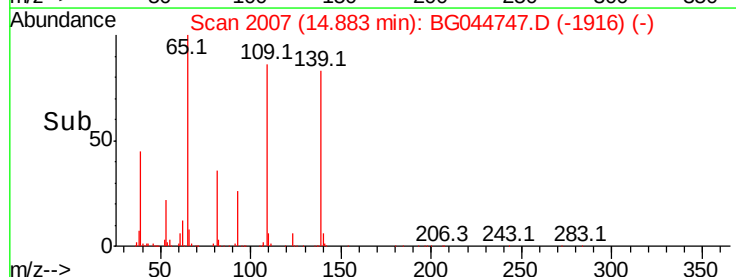
65 121.6 98.6 138.6

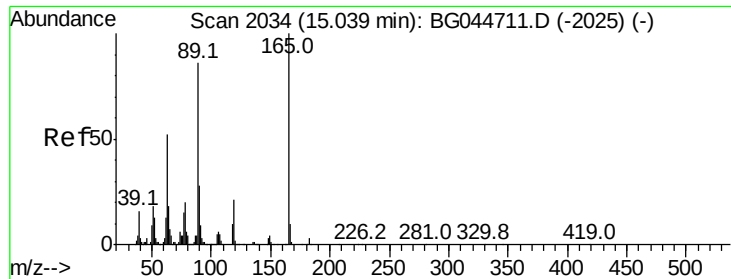


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 46.604 ng

RT: 15.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 309073

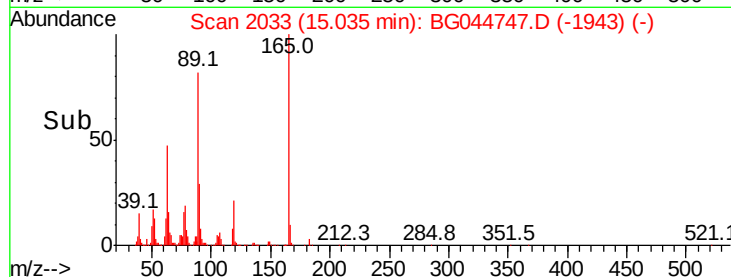
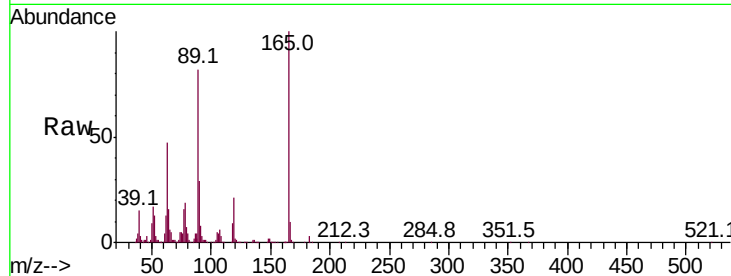
Ion Ratio Lower Upper

165 100

63 47.1 41.5 62.3

89 82.2 69.0 103.4

182 3.0 2.7 4.1

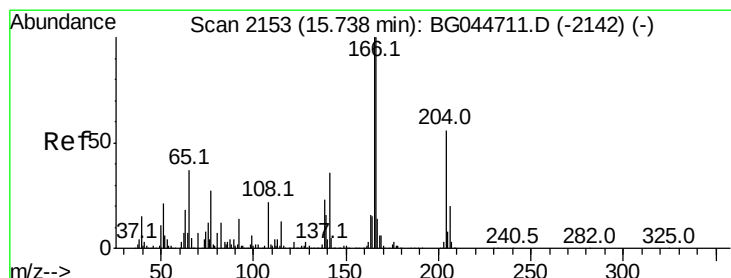
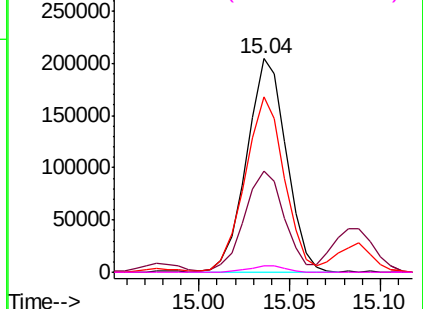


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.345 ng

RT: 15.73 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

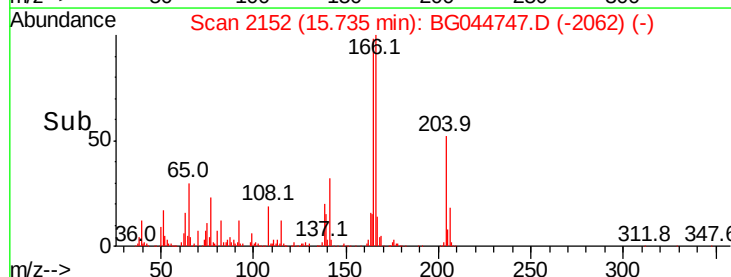
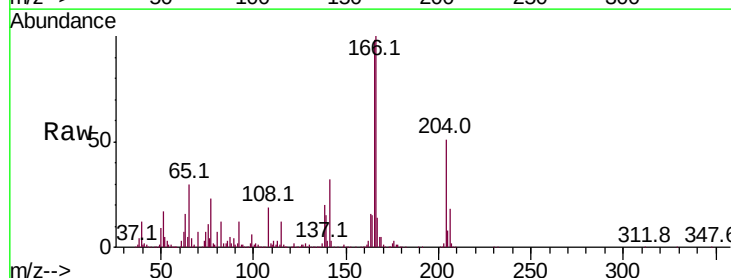
Tgt Ion:166 Resp: 952968

Ion Ratio Lower Upper

166 100

165 97.6 79.6 119.4

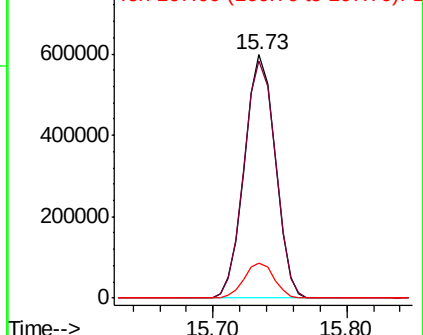
167 14.5 11.4 17.2

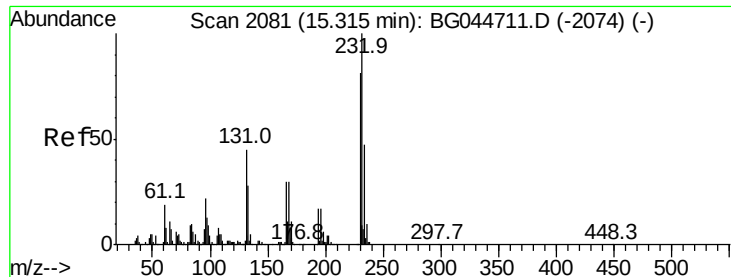


Abundance Ion 166.00 (165.70 to 166.70): E

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: 47.322 ng

RT: 15.23 min Scan# 2066

Delta R.T. -0.09 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 297442

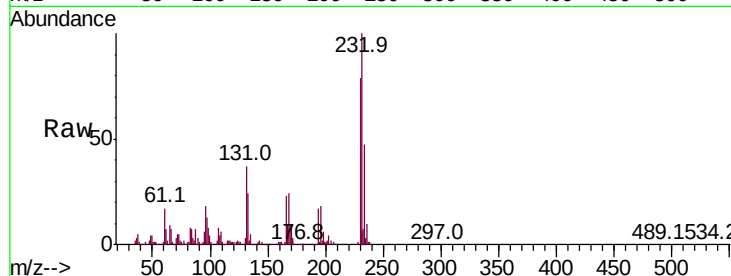
Ion Ratio Lower Upper

232 100

131 38.4 32.4 48.6

130 2.9 2.0 3.0

166 24.4 20.5 30.7

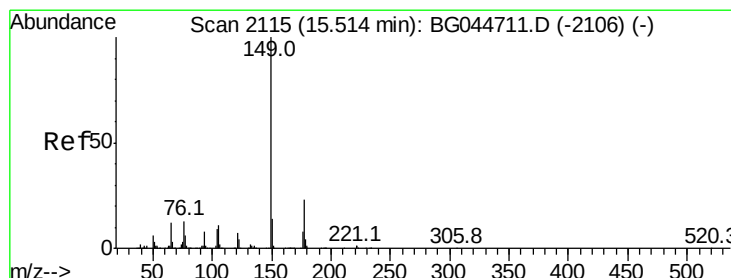
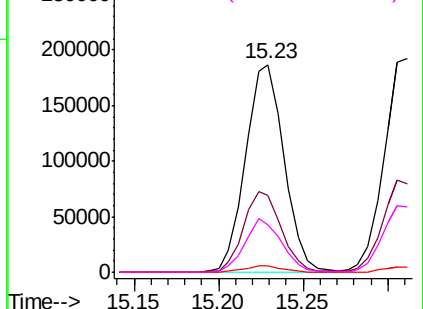
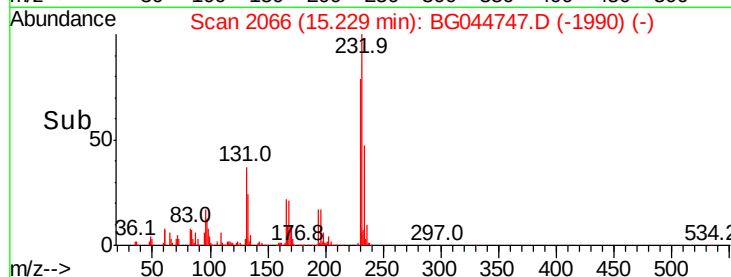


Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.293 ng

RT: 15.51 min Scan# 2114

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

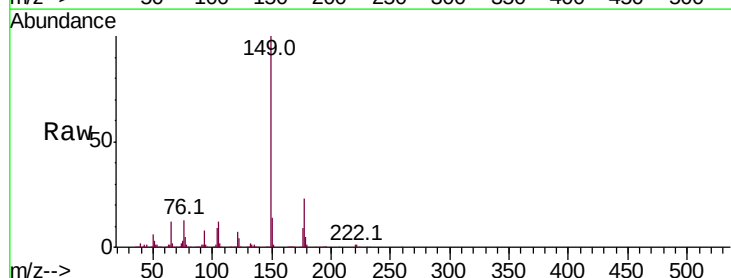
Tgt Ion:149 Resp: 1033186

Ion Ratio Lower Upper

149 100

177 23.3 18.8 28.2

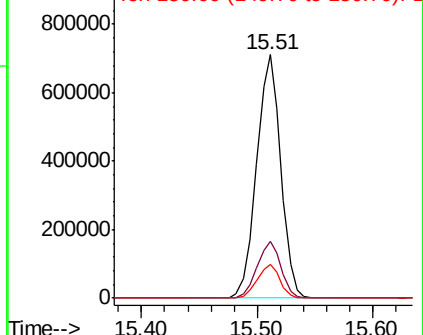
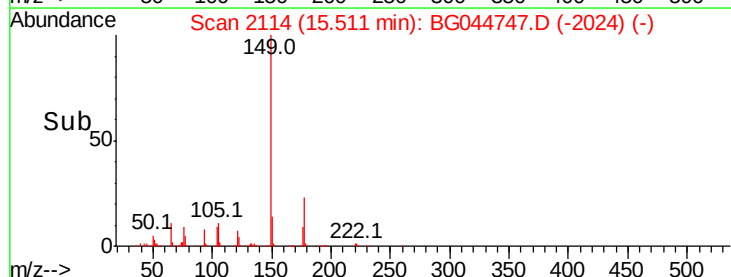
150 13.6 11.2 16.8

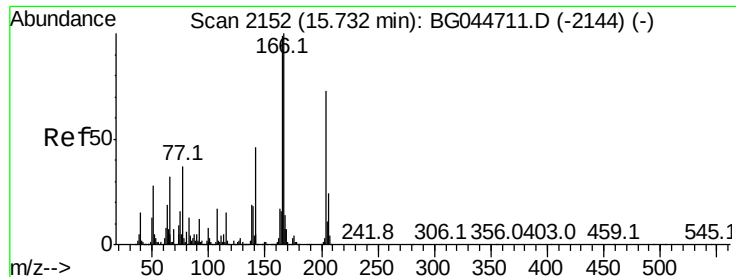


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

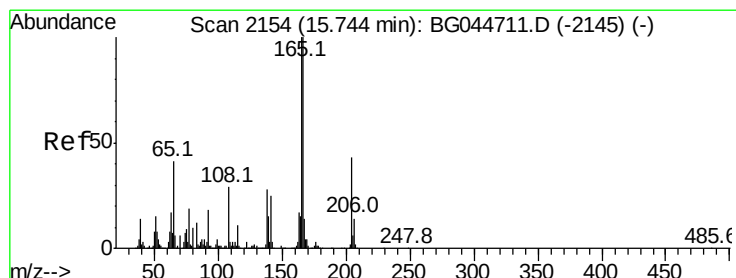
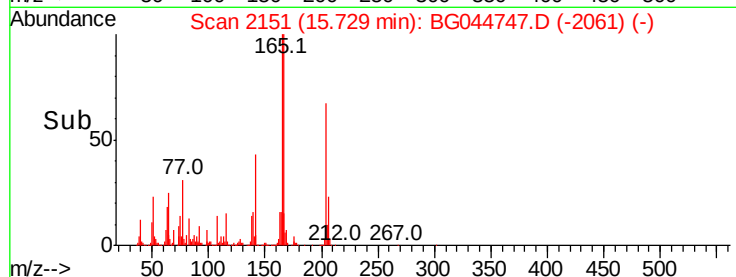
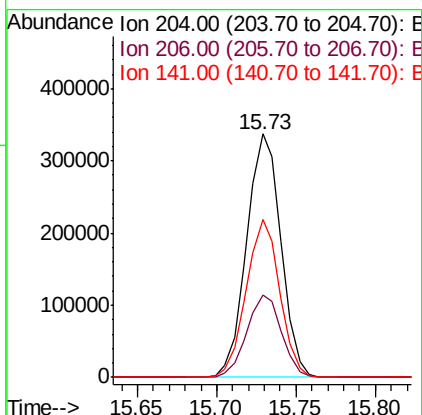
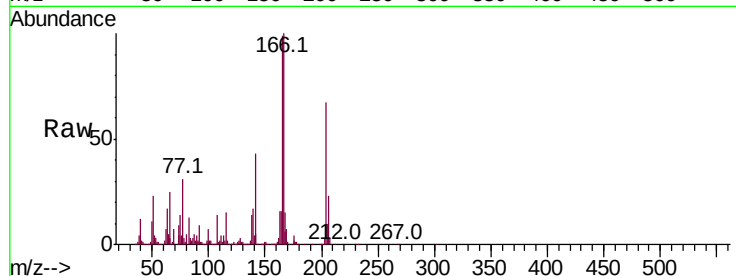




#61
4-Chlorophenyl-phenylether
Concen: 41.730 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

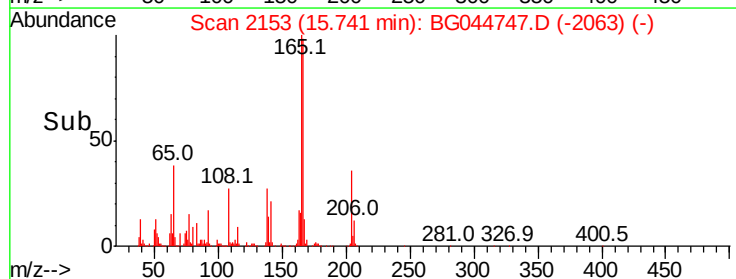
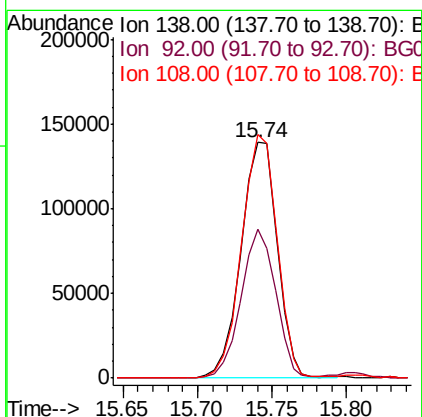
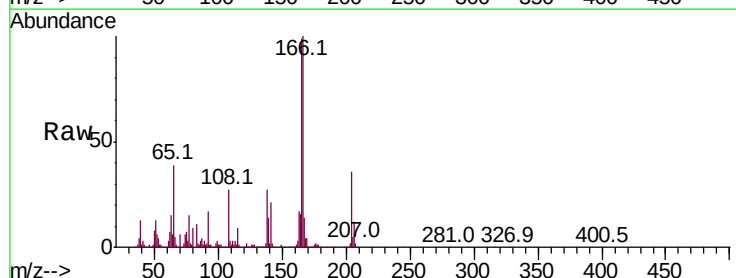
Instrument :
BNA_G
ClientSampled :

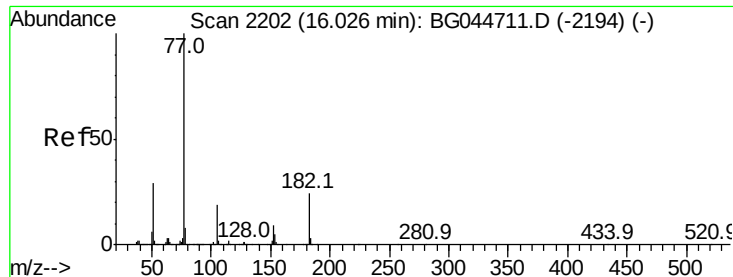
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	25.8	38.6
141	64.7	50.8	76.2



#62
4-Nitroaniline
Concen: 39.570 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	63.1	42.1	82.1
108	103.3	81.2	121.2





#63

Azobenzene

Concen: 42.352 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 1100451

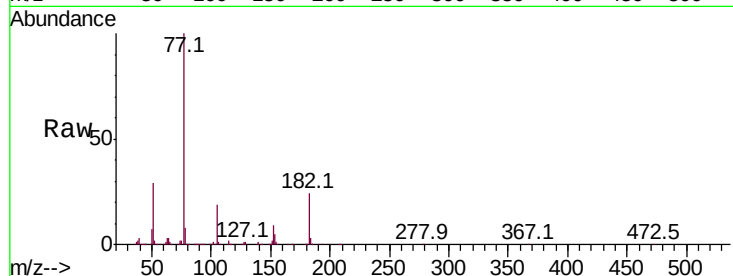
Ion Ratio Lower Upper

77 100

182 24.1 3.6 43.6

105 19.0 0.0 39.3

51 29.0 8.7 48.7

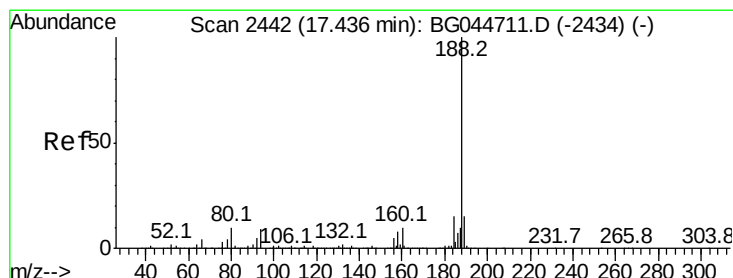
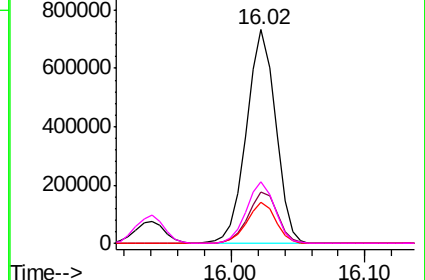
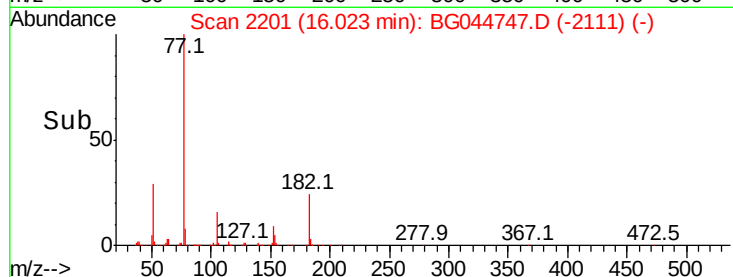


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.43 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

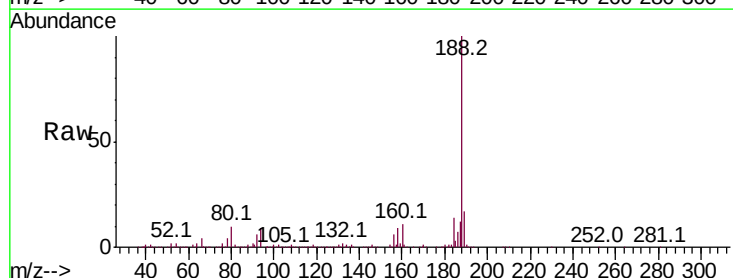
Tgt Ion: 188 Resp: 676738

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

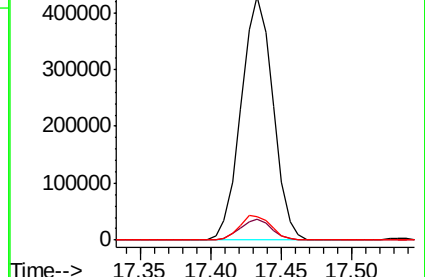
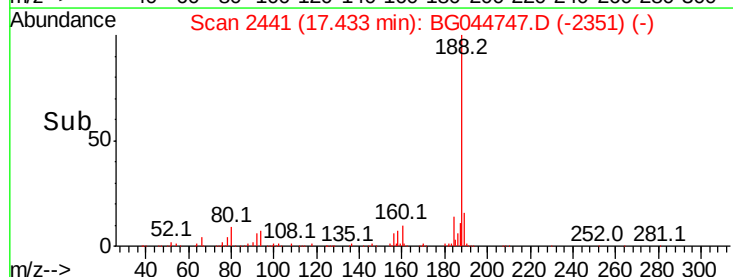
80 9.6 8.4 12.6

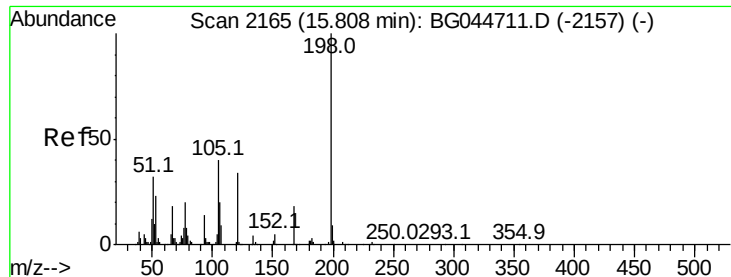


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

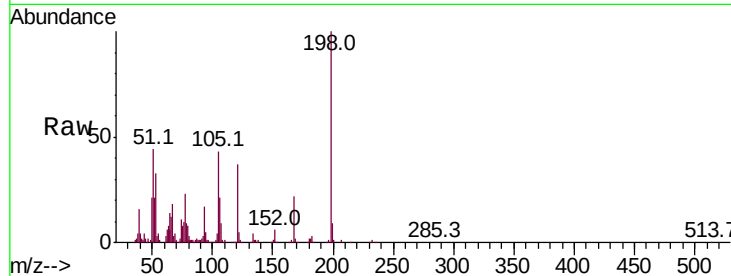




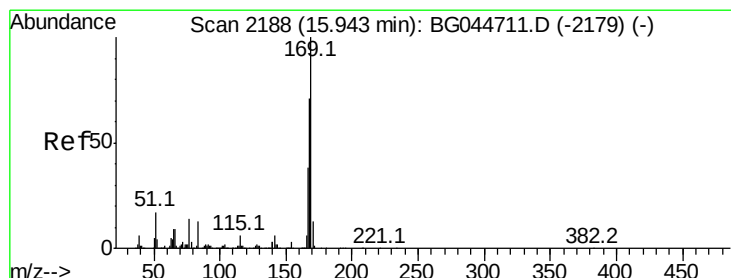
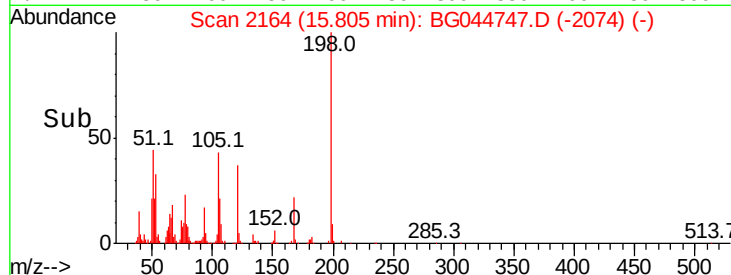
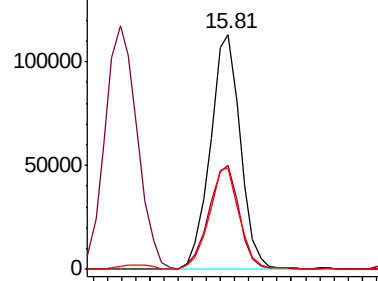
#65
4,6-Dinitro-2-methylphenol
Concen: 52.140 ng
RT: 15.81 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 168575
Ion Ratio Lower Upper
198 100
51 44.0 20.1 60.1
105 43.1 21.3 61.3

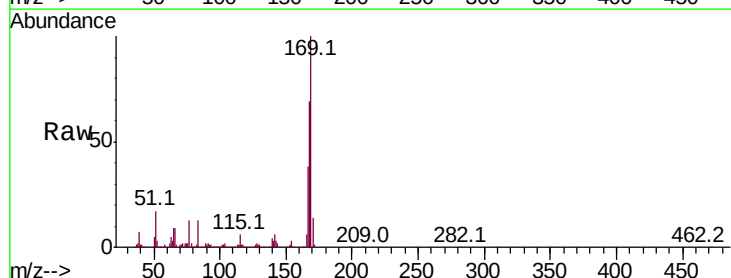


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

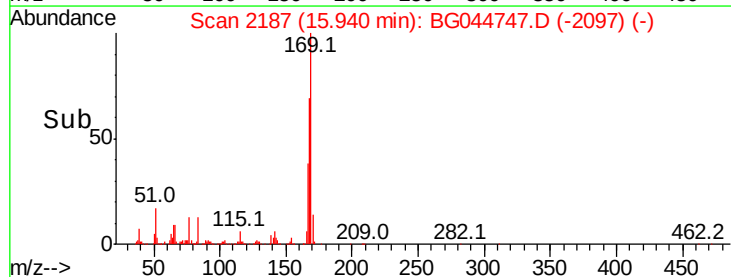
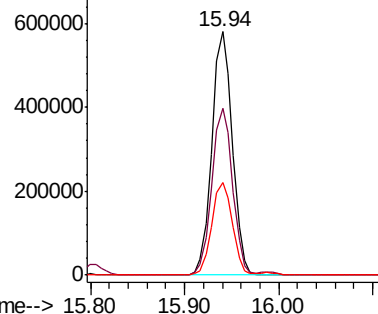


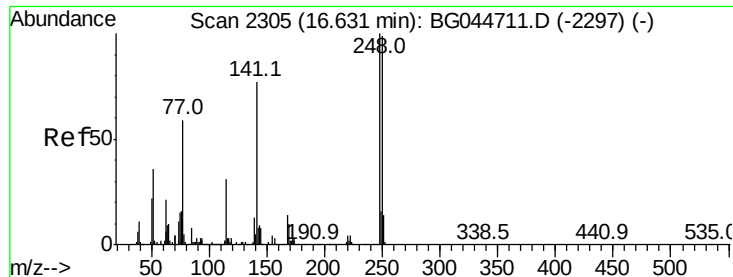
#66
n-Nitrosodiphenylamine
Concen: 42.873 ng
RT: 15.94 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion:169 Resp: 873519
Ion Ratio Lower Upper
169 100
168 68.7 56.6 85.0
167 38.2 30.1 45.1



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: 41.578 ng

RT: 16.62 min Scan# 2303

Delta R.T. -0.01 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

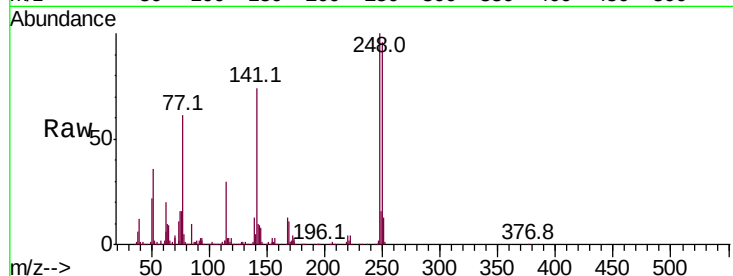
Instrument :

BNA_G

ClientSampleId :

Tot Ion:248 Resp: 351754

Ion	Ratio	Lower	Upper
248	100		
250	96.3	79.4	119.0
141	73.8	61.7	92.5

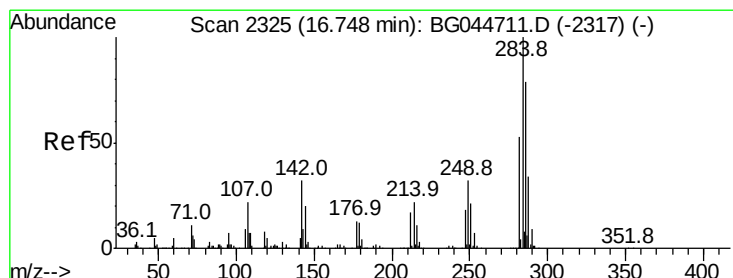
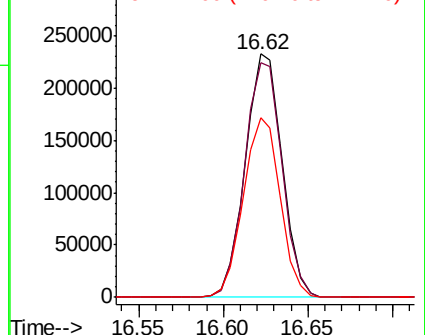
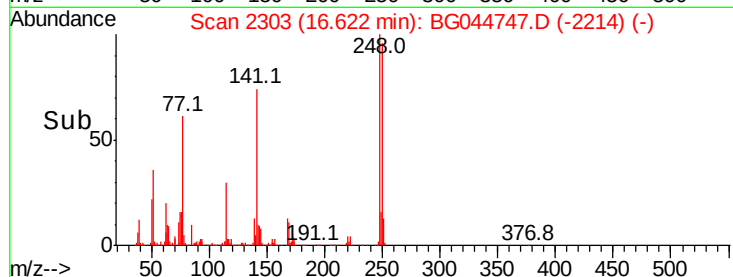


Abundance

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: 40.514 ng

RT: 16.75 min Scan# 2324

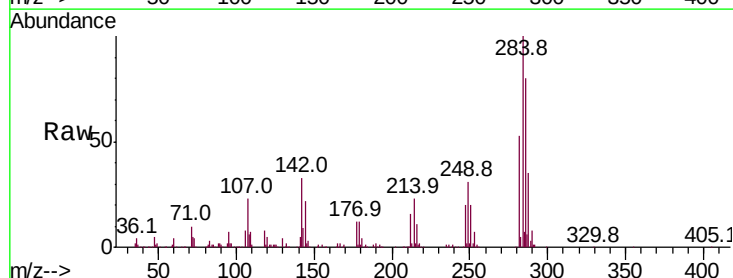
Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Tgt Ion:284 Resp: 371856

Ion	Ratio	Lower	Upper
284	100		
142	33.0	25.6	38.4
249	31.3	25.8	38.6

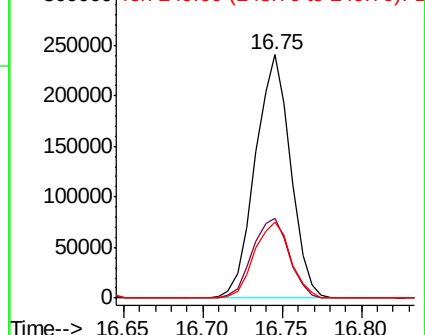
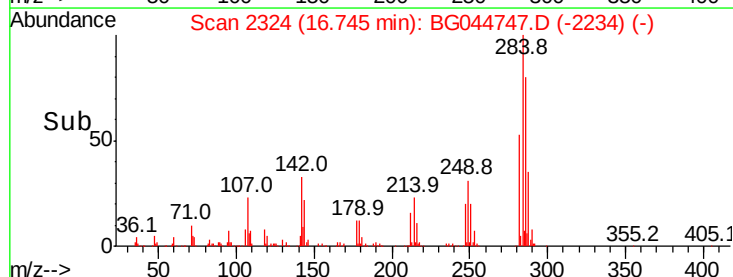


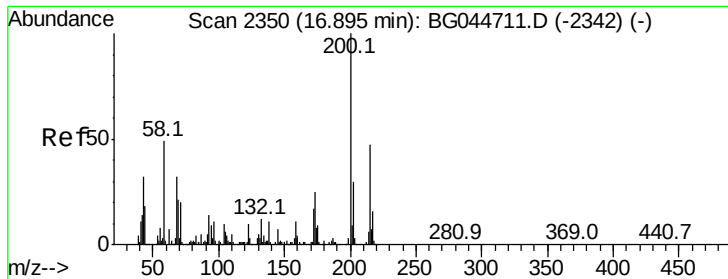
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 45.261 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

ClientSampleId :

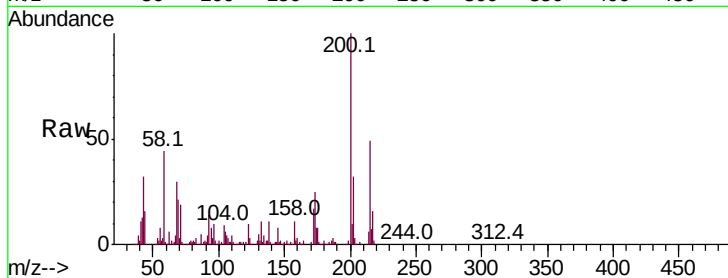
Tot Ion:200 Resp: 337862

Ion Ratio Lower Upper

200 100

173 25.0 4.8 44.8

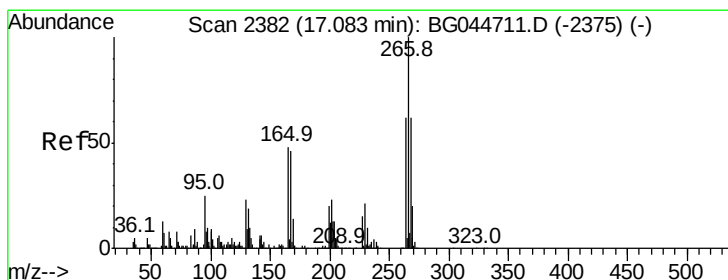
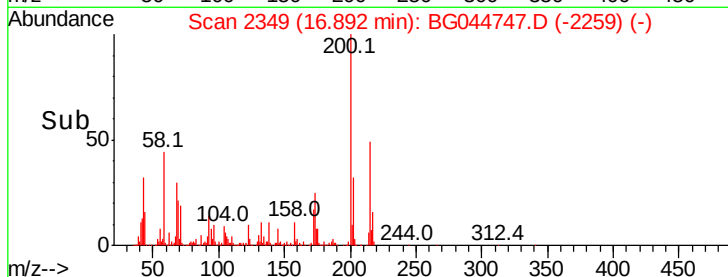
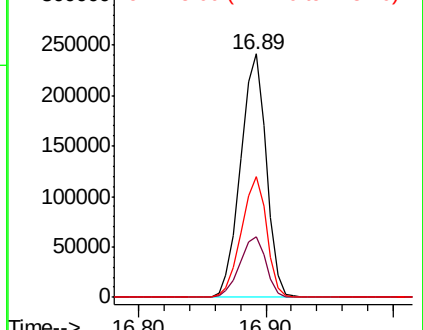
215 49.5 27.4 67.4



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: 93.089 ng

RT: 17.08 min Scan# 2381

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

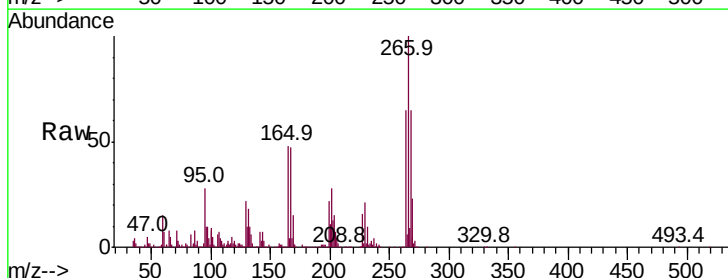
Tgt Ion:266 Resp: 470108

Ion Ratio Lower Upper

266 100

268 65.0 49.9 74.9

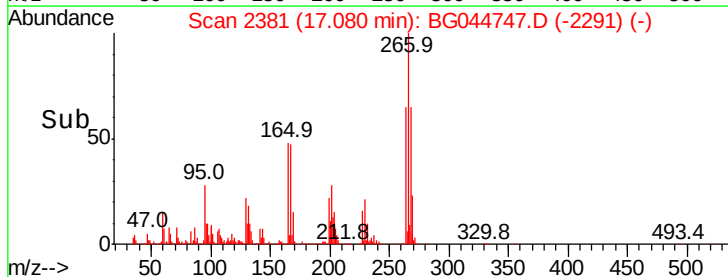
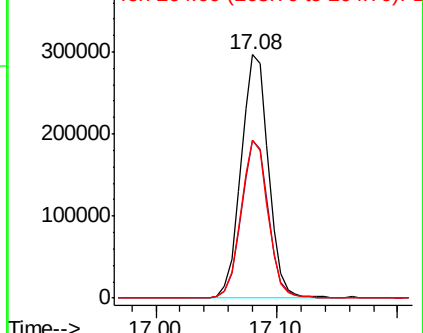
264 64.9 49.9 74.9

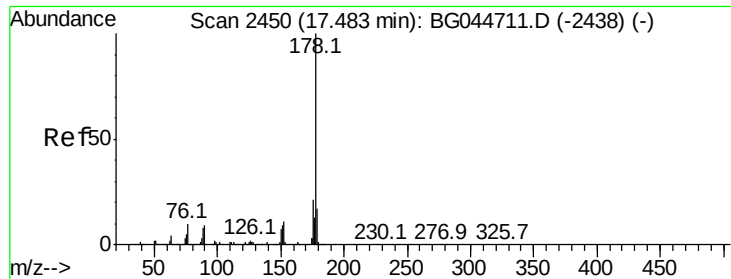


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

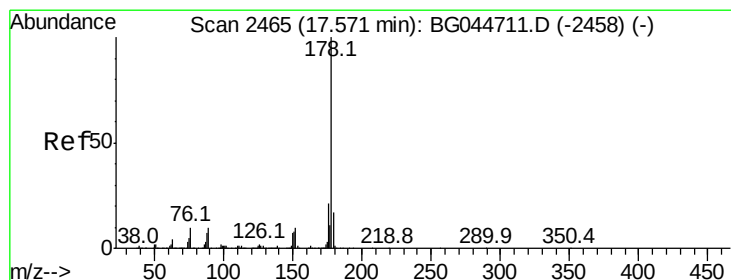
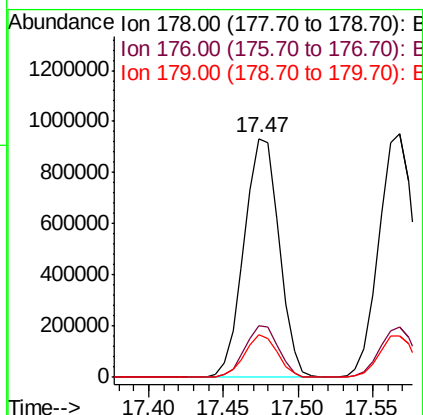
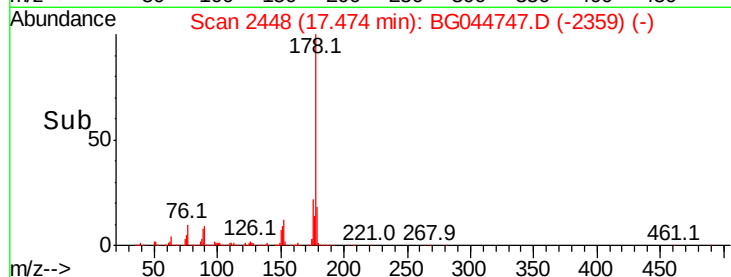
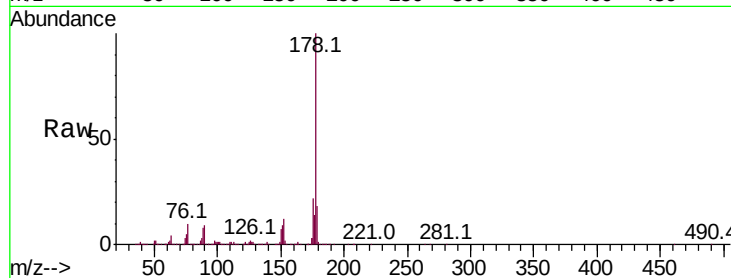




#71
Phenanthrene
Concen: 41.978 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

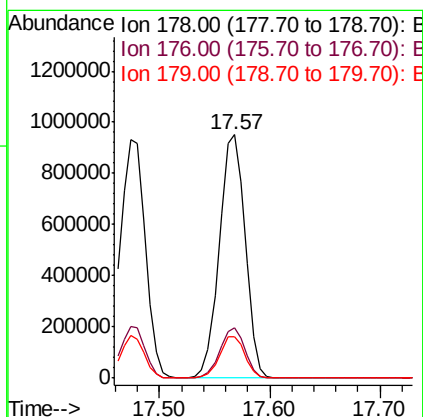
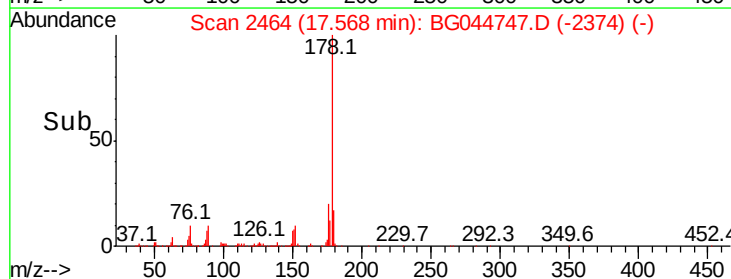
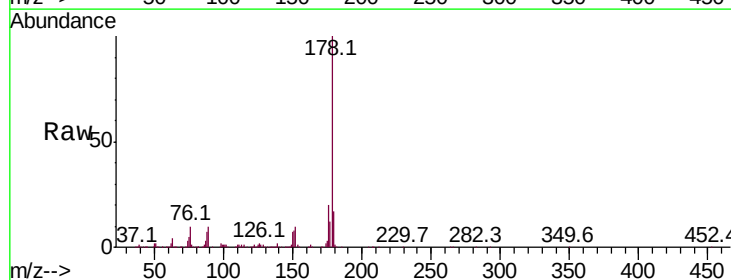
Instrument :
BNA_G
ClientSampleId :

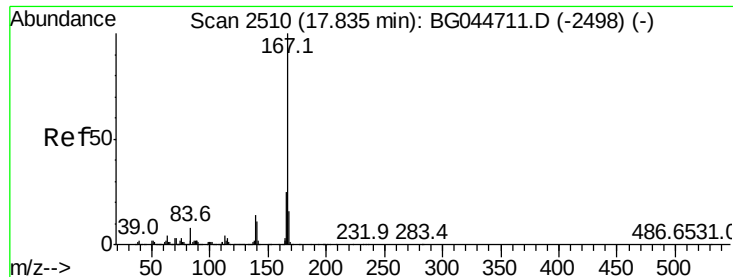
Tot Ion:178 Resp: 1518095
Ion Ratio Lower Upper
178 100
176 21.6 17.0 25.6
179 17.7 13.7 20.5



#72
Anthracene
Concen: 43.727 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.00 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion:178 Resp: 1559284
Ion Ratio Lower Upper
178 100
176 20.5 17.0 25.6
179 17.2 13.8 20.8





#73

Carbazole

Concen: 42.025 ng

RT: 17.83 min Scan# 2508

Delta R.T. -0.01 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

ClientSampleId :

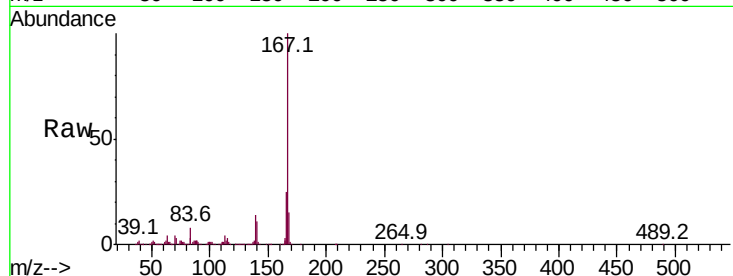
Tot Ion:167 Resp: 1439496

Ion Ratio Lower Upper

167 100

166 24.7 19.6 29.4

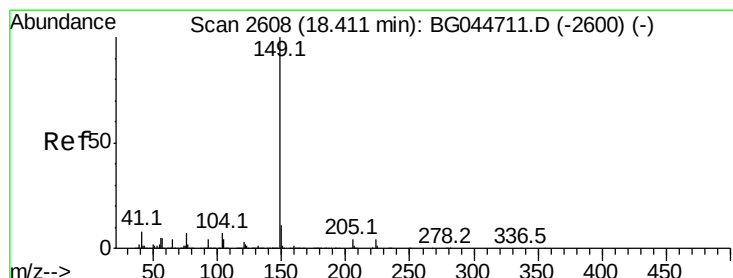
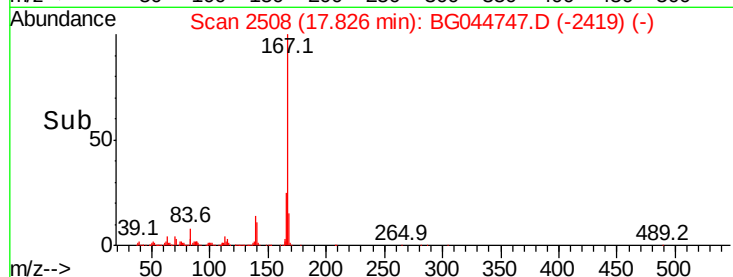
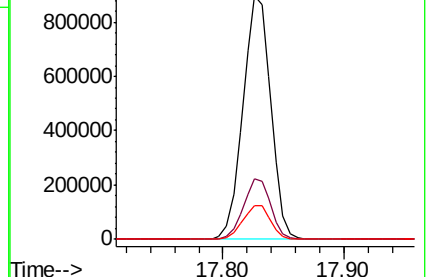
139 13.8 11.4 17.2



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: 40.872 ng

RT: 18.40 min Scan# 2606

Delta R.T. -0.01 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

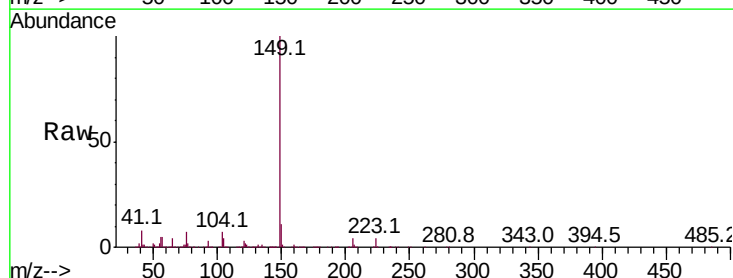
Tgt Ion:149 Resp: 1701872

Ion Ratio Lower Upper

149 100

150 10.8 8.4 12.6

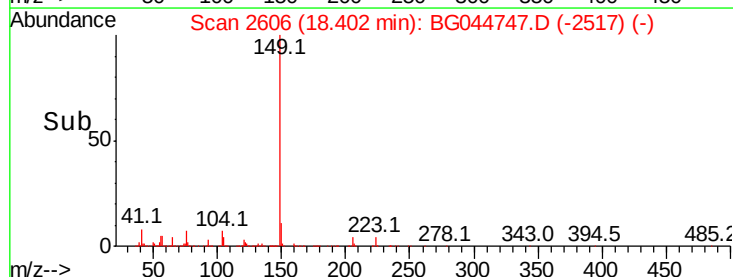
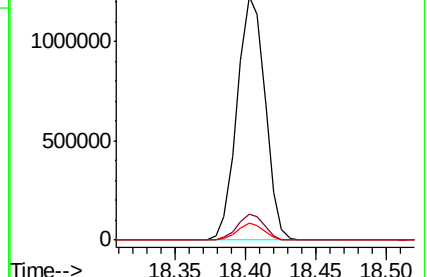
104 6.8 5.6 8.4

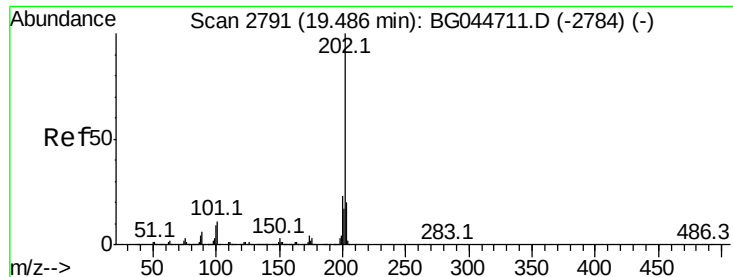


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.154 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

ClientSampleId :

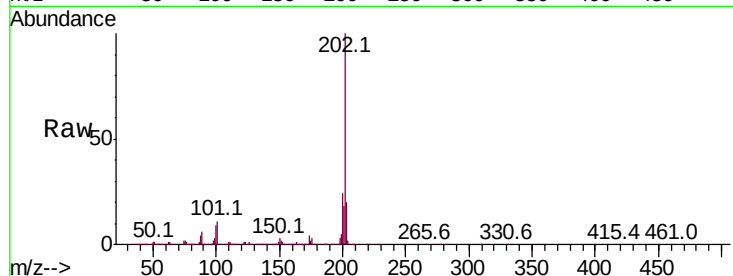
Tot Ion:202 Resp: 1815091

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.3

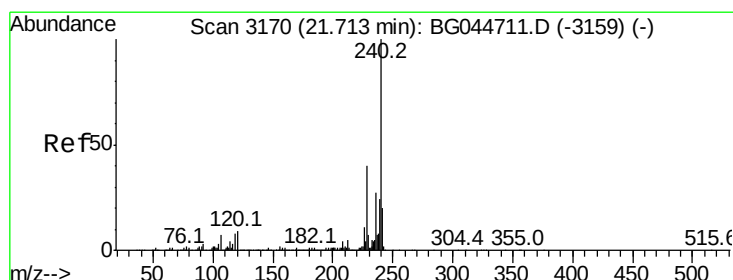
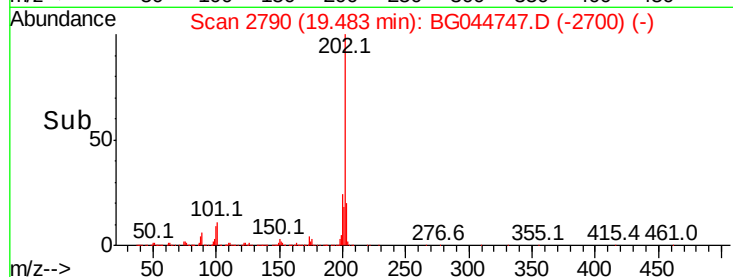
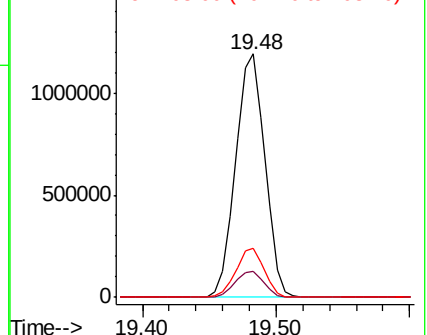
203 20.2 0.4 40.4



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: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

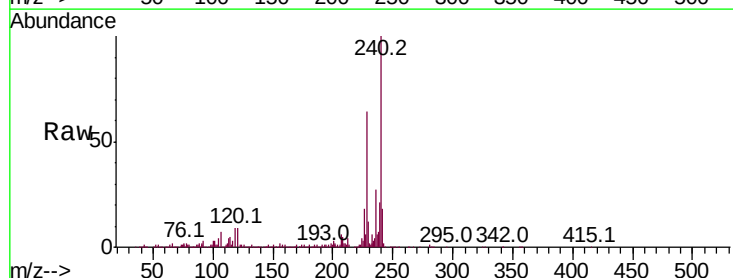
Tgt Ion:240 Resp: 566829

Ion Ratio Lower Upper

240 100

120 8.7 6.9 10.3

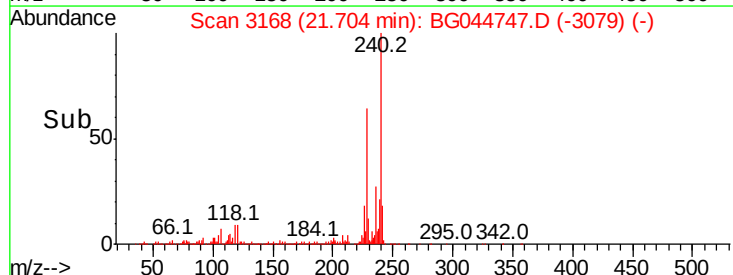
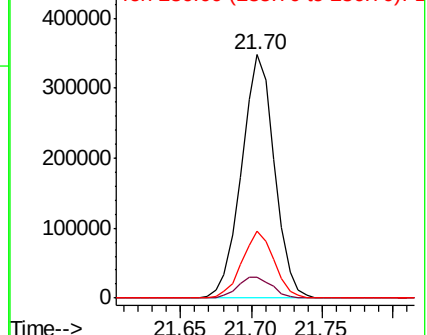
236 27.3 21.9 32.9

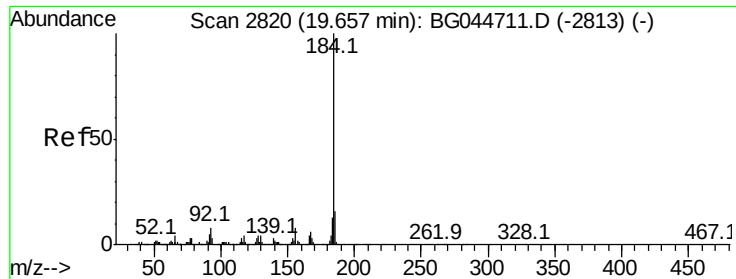


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 69.852 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

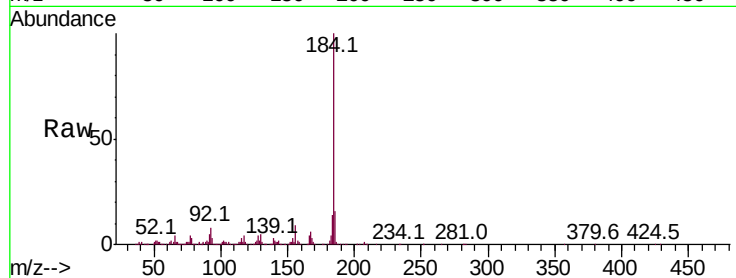
Instrument :

BNA_G

ClientSampled :

Tot Ion:184 Resp: 1285376

Ion	Ratio	Lower	Upper
184	100		
185	16.1	12.9	19.3
183	13.9	10.6	15.8

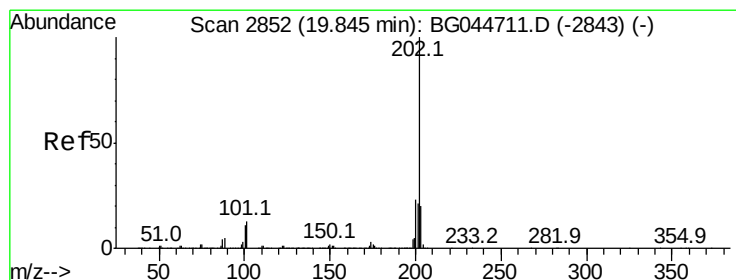
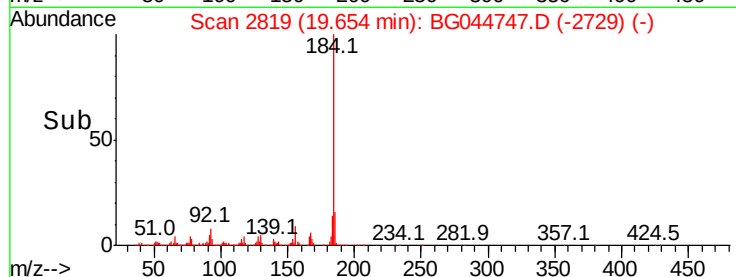
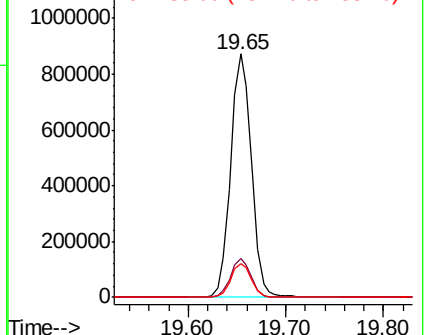


Abundance

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: 43.252 ng

RT: 19.84 min Scan# 2851

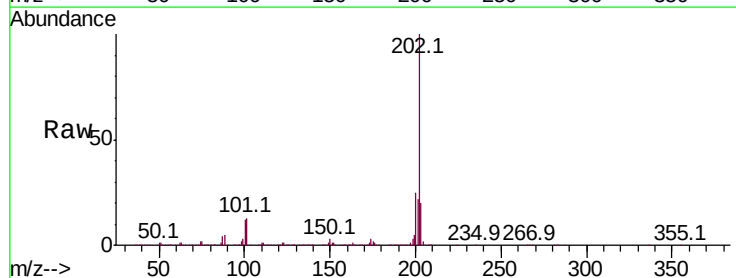
Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Tgt Ion:202 Resp: 1798705

Ion	Ratio	Lower	Upper
202	100		
200	24.6	18.7	28.1
203	20.2	16.0	24.0

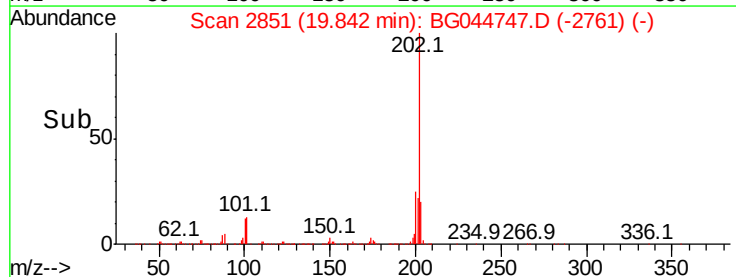
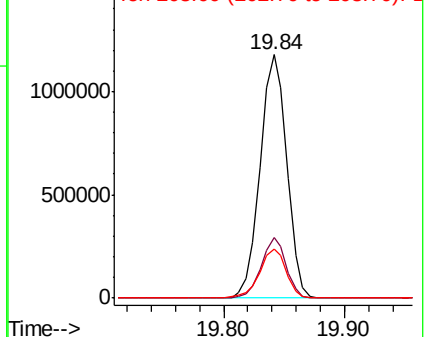


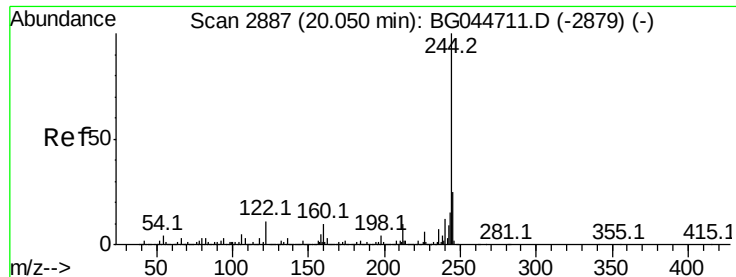
Abundance

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: 84.746 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

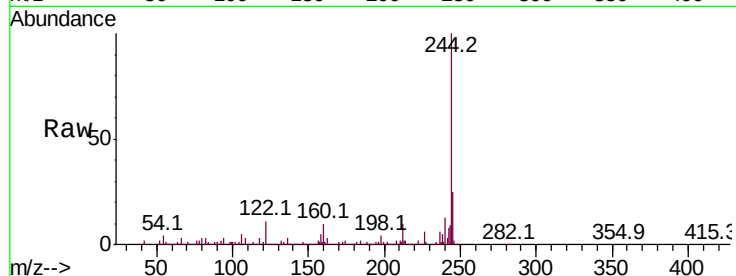
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2568038

Ion	Ratio	Lower	Upper
244	100		
212	10.5	8.4	12.6
122	11.3	8.7	13.1

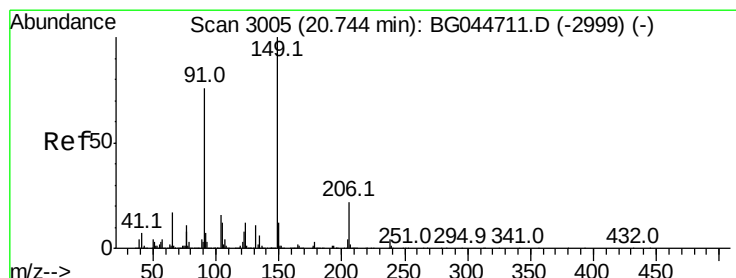
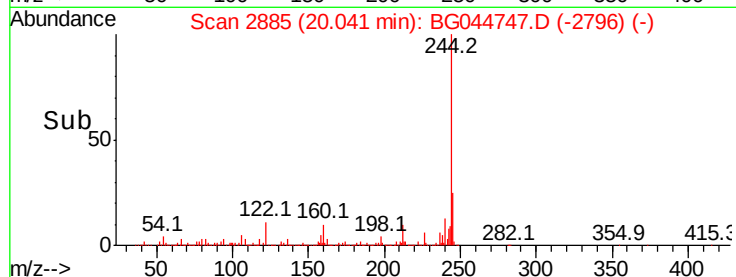


Abundance

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: 42.784 ng

RT: 20.73 min Scan# 3003

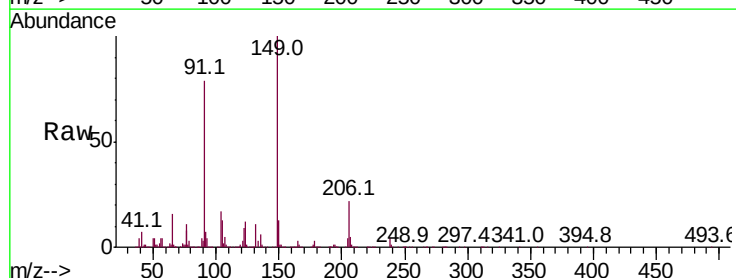
Delta R.T. -0.01 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Tgt Ion:149 Resp: 791550

Ion	Ratio	Lower	Upper
149	100		
91	78.6	61.1	91.7
206	21.6	17.4	26.2

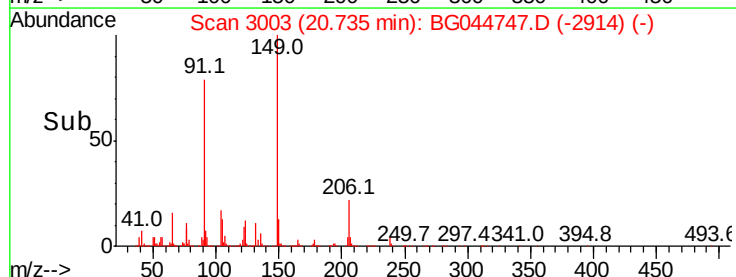


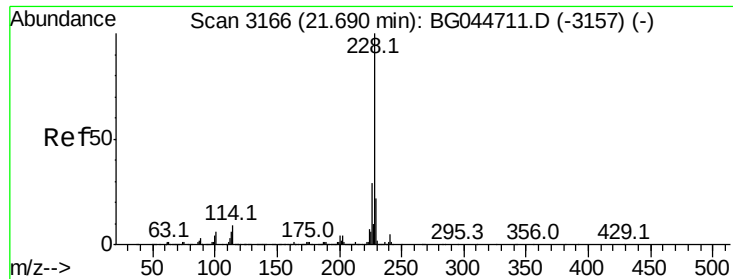
Abundance

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: 42.797 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

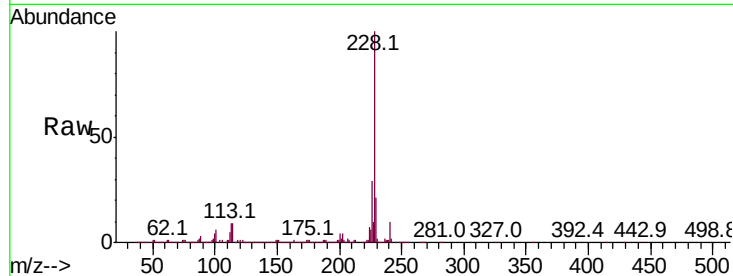
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1746791

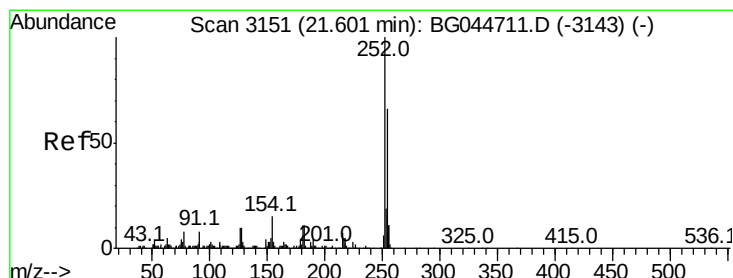
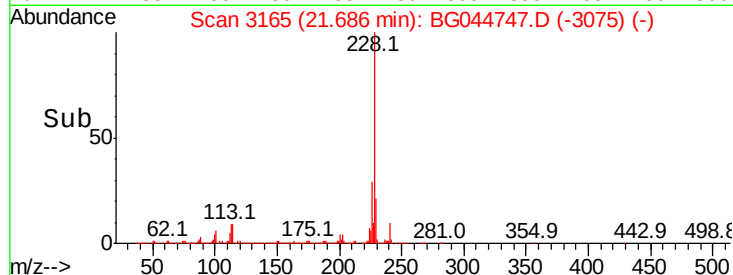
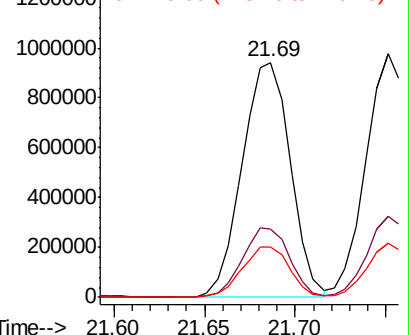
Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.5	35.3
229	21.5	17.2	25.8



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: 35.109 ng

RT: 21.60 min Scan# 3150

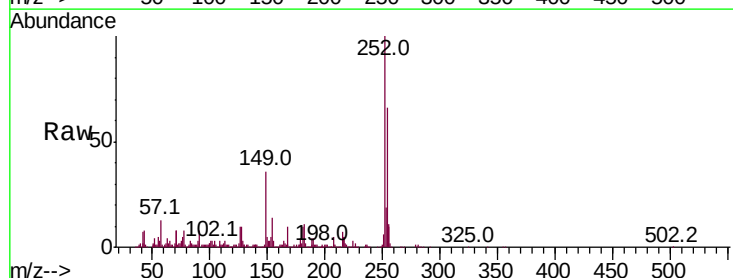
Delta R.T. -0.00 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Tgt Ion:252 Resp: 554374

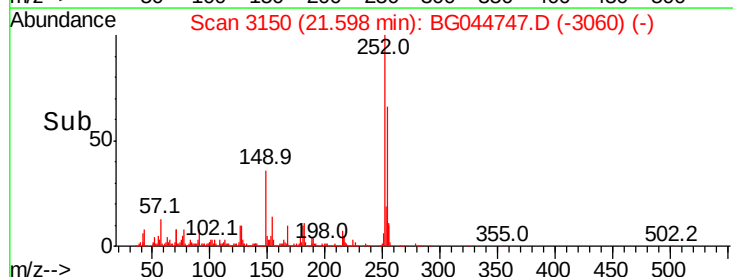
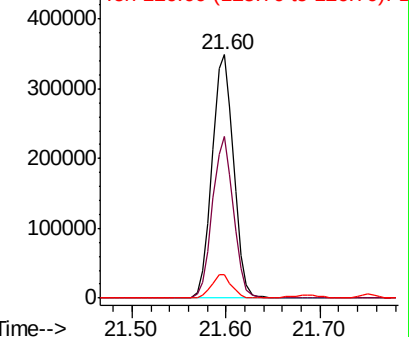
Ion	Ratio	Lower	Upper
252	100		
254	66.3	53.0	79.4
126	9.7	8.2	12.4

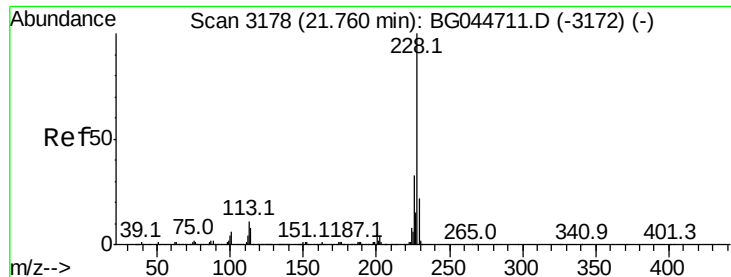


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

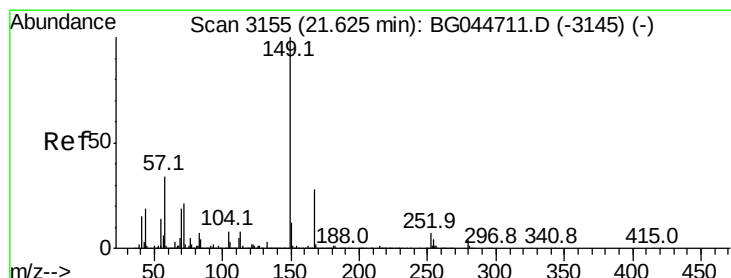
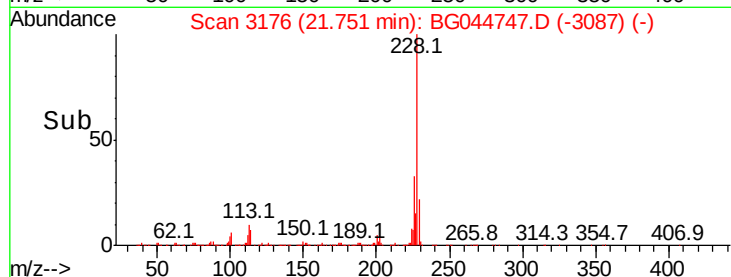
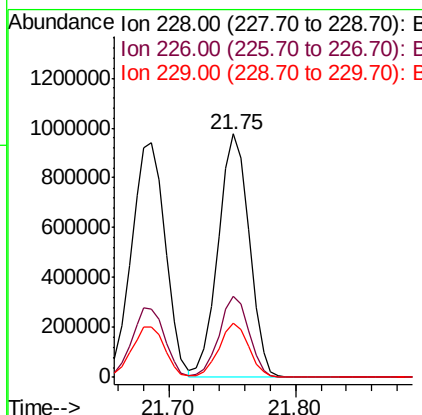
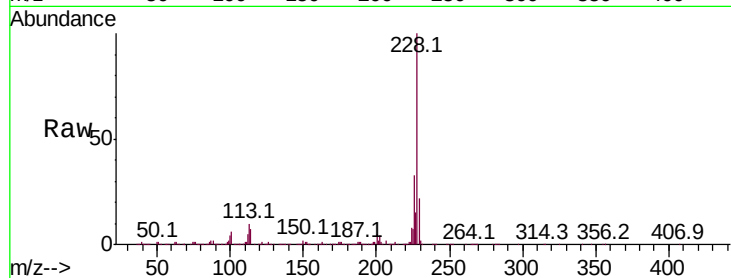




#83
Chrysene
Concen: 42.473 ng
RT: 21.75 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

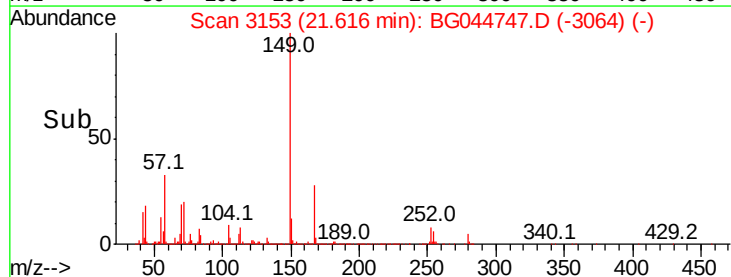
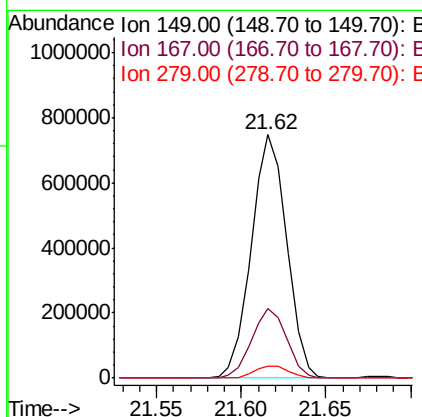
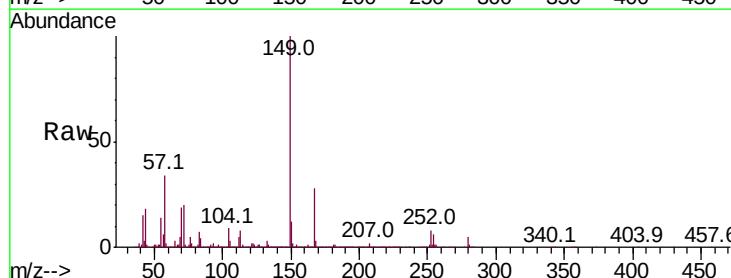
Instrument :
BNA_G
ClientSampleId :

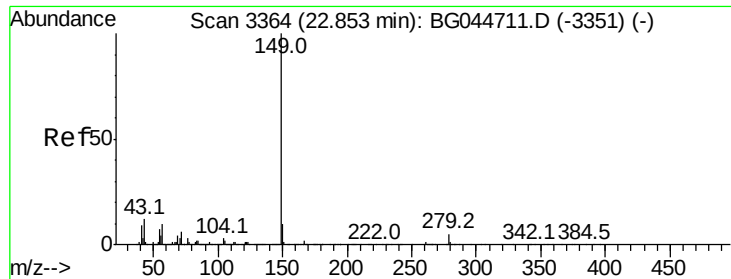
Tot Ion:228 Resp: 1655962
Ion Ratio Lower Upper
228 100
226 33.5 26.1 39.1
229 22.1 17.4 26.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.583 ng
RT: 21.62 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion:149 Resp: 1087296
Ion Ratio Lower Upper
149 100
167 28.5 22.6 33.8
279 4.7 3.5 5.3

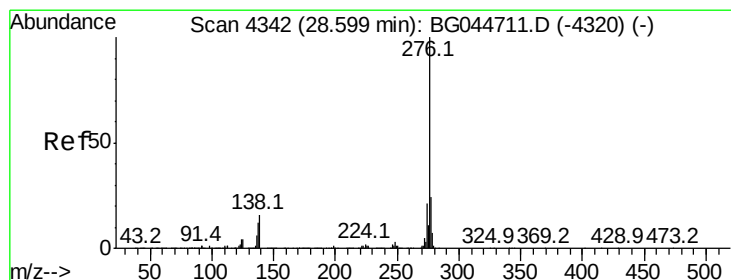
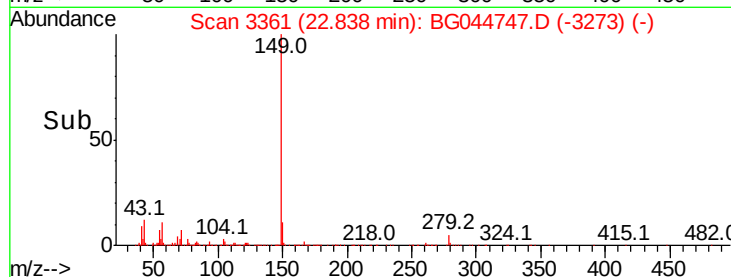
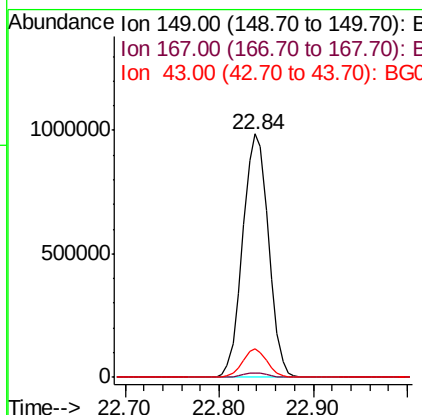
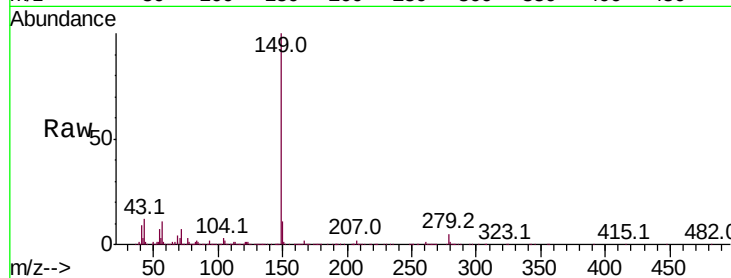




#85
Di-n-octyl phthalate
Concen: 43.758 ng
RT: 22.84 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

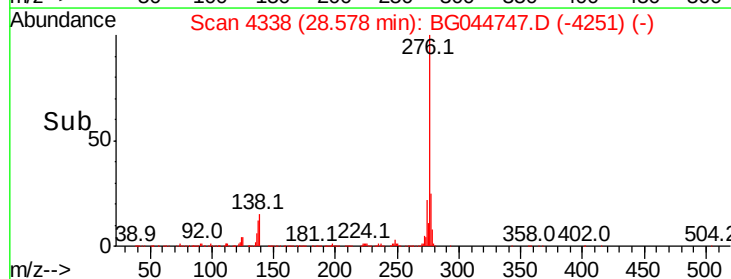
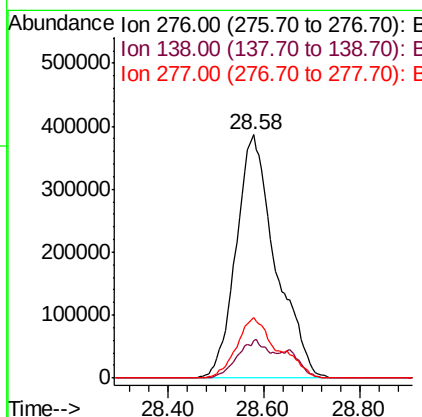
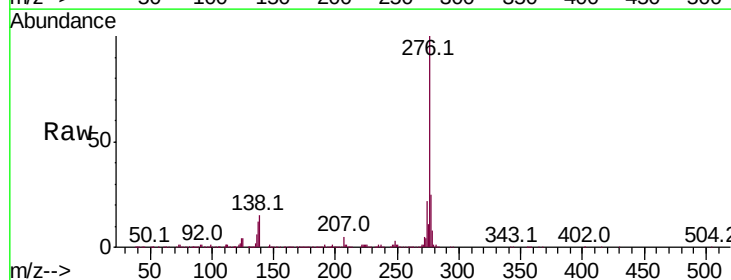
Instrument :
BNA_G
ClientSampleId :

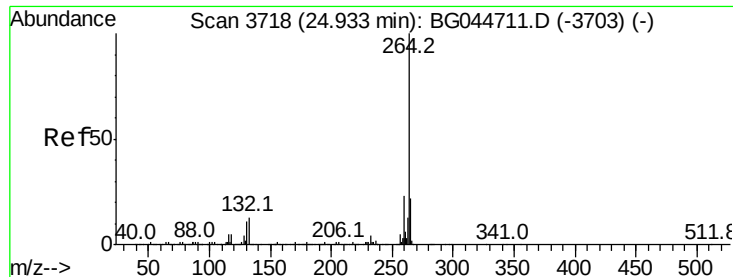
Tot Ion:149 Resp: 1869699
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 11.1 9.0 13.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.189 ng
RT: 28.58 min Scan# 4338
Delta R.T. -0.02 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion:276 Resp: 2207568
Ion Ratio Lower Upper
276 100
138 13.1 10.9 16.3
277 25.9 20.8 31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3715

Delta R.T. -0.01 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

ClientSampleId :

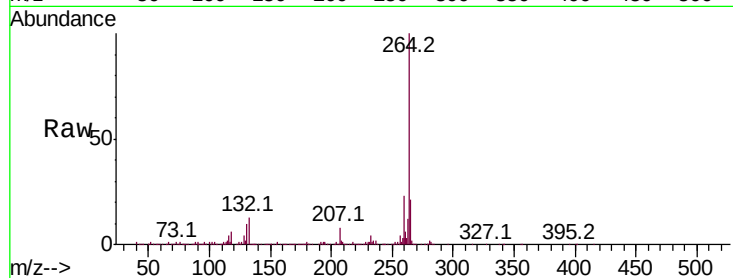
Tot Ion:264 Resp: 671466

Ion Ratio Lower Upper

264 100

260 22.5 18.4 27.6

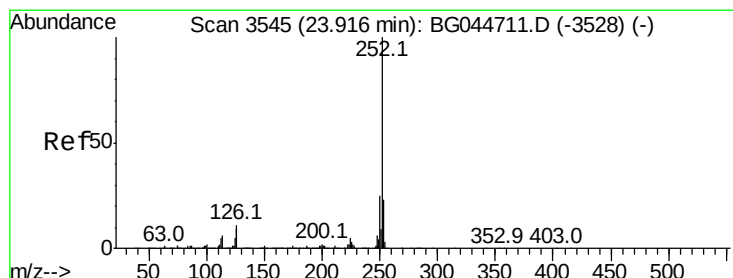
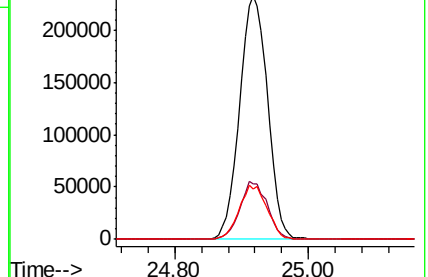
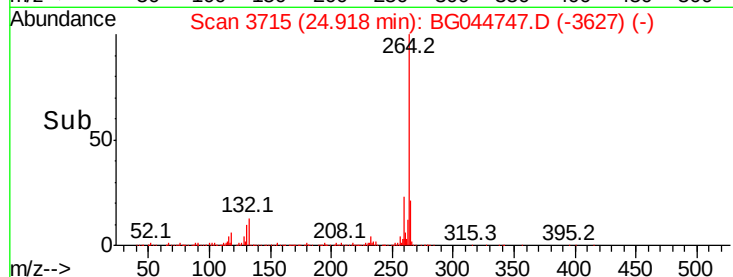
265 20.9 17.4 26.2



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: 41.514 ng

RT: 23.91 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

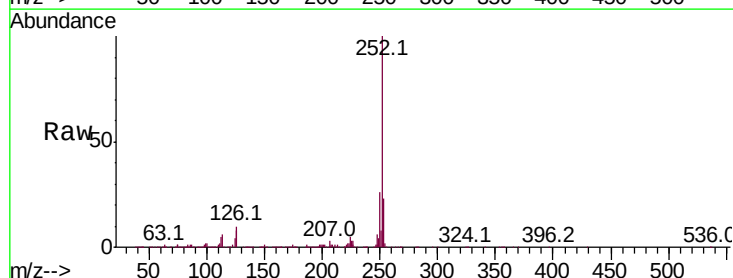
Tgt Ion:252 Resp: 1840277

Ion Ratio Lower Upper

252 100

253 23.2 18.7 28.1

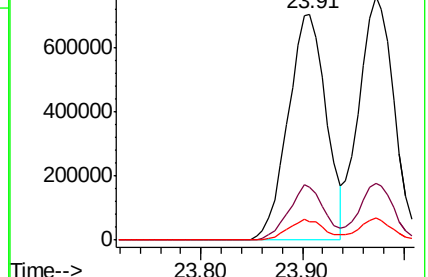
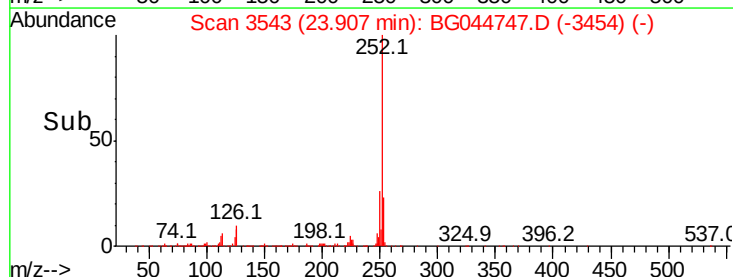
125 8.2 7.2 10.8

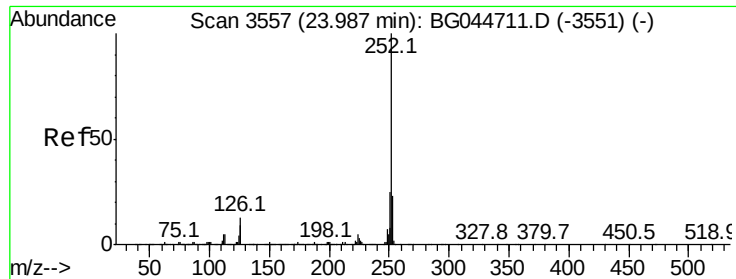


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.078 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.01 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

Instrument :

BNA_G

ClientSampleId :

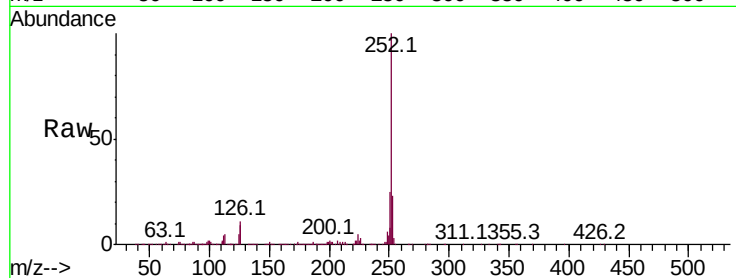
Tot Ion:252 Resp: 1807120

Ion Ratio Lower Upper

252 100

253 23.2 18.4 27.6

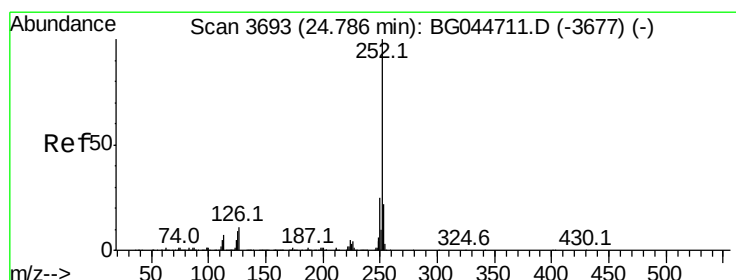
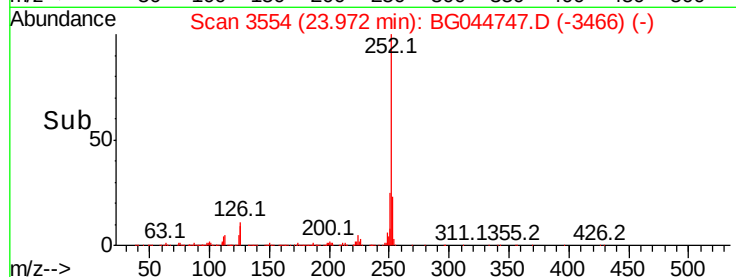
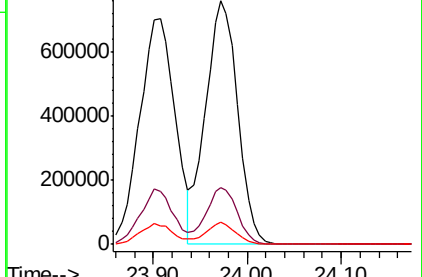
125 9.0 7.0 10.4



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



#90

Benzo(a)pyrene

Concen: 41.592 ng

RT: 24.77 min Scan# 3690

Delta R.T. -0.01 min

Lab File: BG044747.D

Acq: 12 Mar 2020 23:28

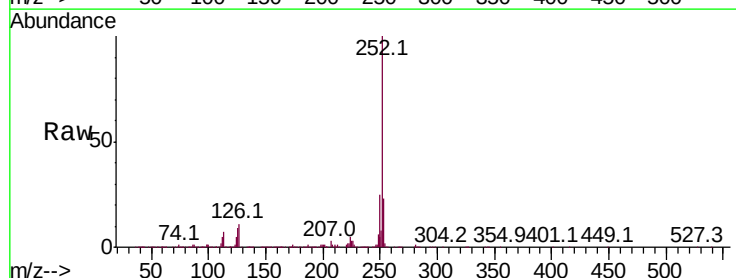
Tgt Ion:252 Resp: 1725183

Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

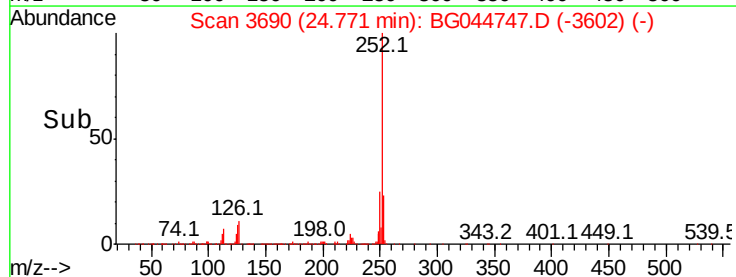
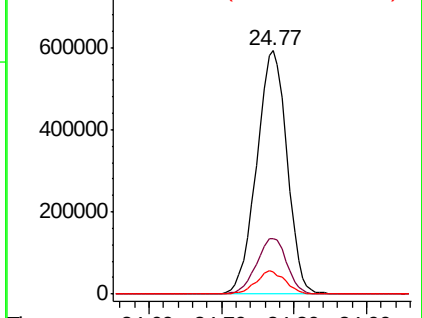
125 9.0 7.0 10.6

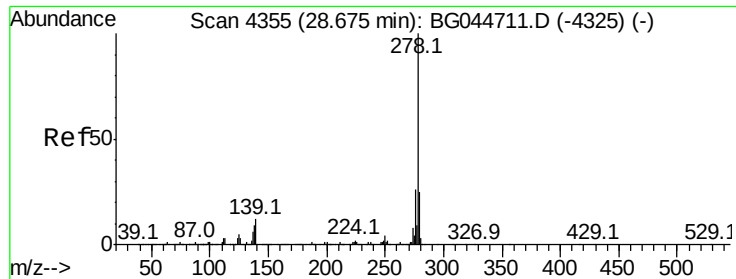


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

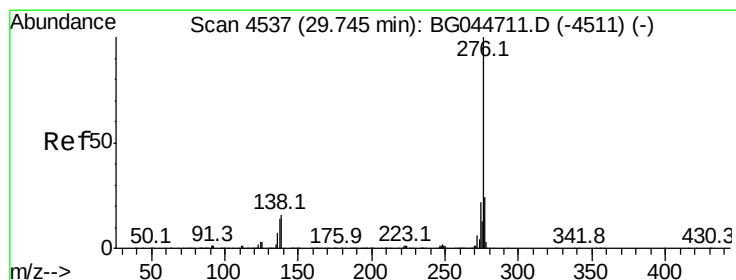
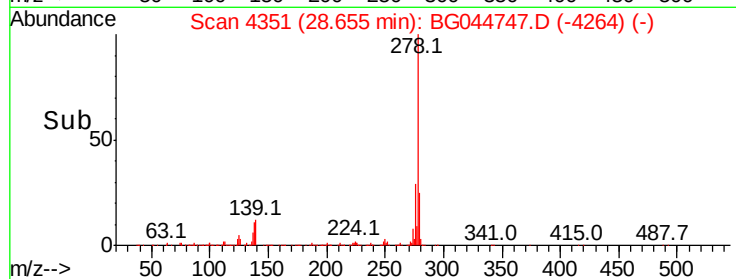
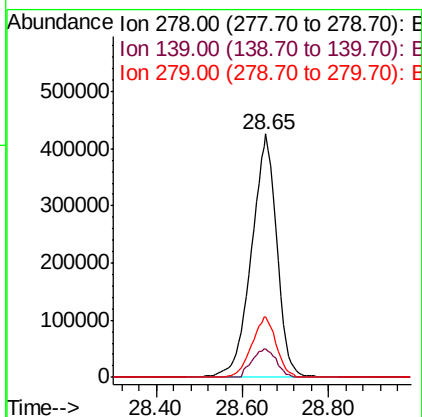
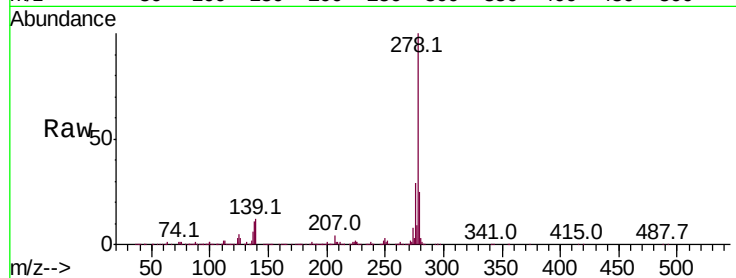




#91
Dibenzo(a,h)anthracene
Concen: 43.710 ng
RT: 28.65 min Scan# 4351
Delta R.T. -0.02 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1788667
Ion Ratio Lower Upper
278 100
139 11.9 9.9 14.9
279 24.6 20.2 30.4



#92
Benzo(g,h,i)perylene
Concen: 44.184 ng
RT: 29.72 min Scan# 4532
Delta R.T. -0.03 min
Lab File: BG044747.D
Acq: 12 Mar 2020 23:28

Tgt Ion:276 Resp: 1826727
Ion Ratio Lower Upper
276 100
277 24.9 18.8 28.2
138 15.7 13.0 19.4

