

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
 Data File : BG042944.D
 Acq On : 30 Sep 2019 15:44
 Operator : JU
 Sample : K5083-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 01 07:10:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	65776	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	250779	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	178030	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	431180	20.00	ng	0.00
76) Chrysene-d12	21.70	240	481385	20.00	ng	-0.01
87) Perylene-d12	24.93	264	556902	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	385882	104.70	ng	0.00
7) Phenol-d6	7.24	99	552548	104.10	ng	0.00
23) Nitrobenzene-d5	9.23	82	353362	68.49	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	303431	99.12	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	808153	65.81	ng	-0.01
79) Terphenyl-d14	20.04	244	1487223	65.83	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.55	88	49518	32.224	ng	100
3) Pyridine	3.95	79	123287	28.525	ng	95
4) n-Nitrosodimethylamine	3.86	42	77637	37.354	ng	99
6) Aniline	7.40	93	127555	19.909	ng	97
8) 2-Chlorophenol	7.64	128	150134	39.060	ng	98
9) Benzaldehyde	7.21	77	101876	31.411	ng	92
10) Phenol	7.27	94	205215	42.142	ng	97
11) bis(2-Chloroethyl)ether	7.49	93	134838	35.788	ng	98
12) 1,3-Dichlorobenzene	7.96	146	166197	33.895	ng	98
13) 1,4-Dichlorobenzene	8.11	146	168880	34.550	ng	98
14) 1,2-Dichlorobenzene	8.43	146	159128	34.194	ng	96
15) Benzyl Alcohol	8.31	79	143405	35.937	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.60	45	232802	32.174	ng	99
17) 2-Methylphenol	8.52	107	127833	37.517	ng	94
18) Hexachloroethane	9.16	117	62346	33.867	ng	98
19) n-Nitroso-di-n-propylamine	8.88	70	116310	33.373	ng	97
20) 3+4-Methylphenols	8.84	107	174351	37.339	ng	97
22) Acetophenone	8.89	105	223918	34.639	ng	99
24) Nitrobenzene	9.27	77	182165	37.015	ng	99
25) Isophorone	9.80	82	332280	36.664	ng	99
26) 2-Nitrophenol	9.99	139	83679	39.942	ng	98
27) 2,4-Dimethylphenol	10.05	122	141177	43.879	ng	96
28) bis(2-Chloroethoxy)methane	10.28	93	179153	34.841	ng	98
29) 2,4-Dichlorophenol	10.52	162	153045	38.248	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	179290	34.697	ng	96
31) Naphthalene	10.93	128	454881	36.848	ng	99
32) Benzoic acid	10.16	122	78490	33.684	ng	94
33) 4-Chloroaniline	11.03	127	66317	12.380	ng	99
34) Hexachlorobutadiene	11.22	225	134754	34.828	ng	95
35) Caprolactam	11.80	113	20994	14.878	ng	89
36) 4-Chloro-3-methylphenol	12.16	107	168753	38.787	ng	97
37) 2-Methylnaphthalene	12.53	142	343349	36.458	ng	97
38) 1-Methylnaphthalene	12.74	142	319880	35.896	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	225935	33.753	ng	99

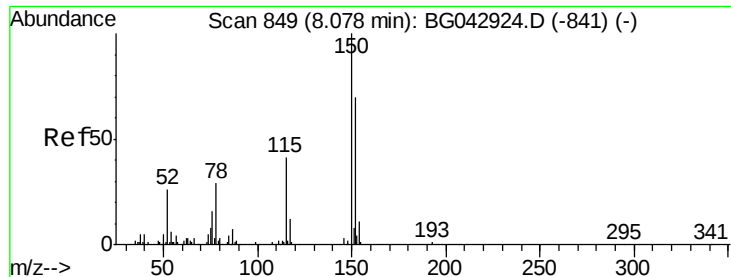
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
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 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	347363	81.445	nq	98
43) 2,4,6-Trichlorophenol	13.13	196	146368	37.359	nq	98
44) 2,4,5-Trichlorophenol	13.20	196	157454	39.012	nq	96
46) 1,1'-Biphenyl	13.52	154	465053	34.446	nq	99
47) 2-Chloronaphthalene	13.57	162	369197	36.474	nq	99
48) 2-Nitroaniline	13.77	65	120428	35.777	nq	95
49) Acenaphthylene	14.41	152	595541	38.450	nq	99
50) Dimethylphthalate	14.15	163	568983	42.655	nq	99
51) 2,6-Dinitrotoluene	14.26	165	106640	37.541	nq	99
52) Acenaphthene	14.75	154	371710	35.854	nq	98
53) 3-Nitroaniline	14.59	138	44633	15.204	nq	# 95
54) 2,4-Dinitrophenol	14.79	184	143019	80.998	nq	96
55) Dibenzofuran	15.09	168	577968	37.687	nq	99
56) 4-Nitrophenol	14.91	139	175632	78.519	nq	94
57) 2,4-Dinitrotoluene	15.04	165	155005	37.262	nq	97
58) Fluorene	15.73	166	484044	36.969	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	161327	37.541	nq	99
60) Diethylphthalate	15.50	149	484282	35.674	nq	98
61) 4-Chlorophenyl-phenylether	15.73	204	281510	35.850	nq	99
62) 4-Nitroaniline	15.75	138	107887	33.697	nq	91
63) Azobenzene	16.02	77	451160	36.504	nq	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	95133	38.991	nq	98
66) n-Nitrosodiphenylamine	15.94	169	435000	38.216	nq	99
67) 4-Bromophenyl-phenylether	16.62	248	197273	36.453	nq	100
68) Hexachlorobenzene	16.74	284	211263	35.061	nq	94
69) Atrazine	16.89	200	168229	35.098	nq	97
70) Pentachlorophenol	17.09	266	278125	79.992	nq	99
71) Phenanthrene	17.47	178	779704	37.040	nq	97
72) Anthracene	17.57	178	803048	38.213	nq	99
73) Carbazole	17.83	167	737159	37.827	nq	99
74) Di-n-butylphthalate	18.40	149	853218	36.696	nq	100
75) Fluoranthene	19.48	202	1046030	37.569	nq	98
77) Benzidine	19.66	184	528492	43.846	nq	99
78) Pyrene	19.84	202	1076447	37.465	nq	99
80) Butylbenzylphthalate	20.73	149	398549	36.544	nq	98
81) Benzo(a)anthracene	21.69	228	1105107	36.843	nq	99
82) 3,3'-Dichlorobenzidine	21.60	252	184497	15.683	nq	99
83) Chrysene	21.75	228	1082728	37.197	nq	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	572587	36.897	nq	98
85) Di-n-octyl phthalate	22.81	149	963696	37.977	nq	99
86) Indeno(1,2,3-cd)pyrene	28.61	276	1345550	37.132	nq	99
88) Benzo(b)fluoranthene	23.91	252	1175154	37.293	nq	100
89) Benzo(k)fluoranthene	23.98	252	1133134	36.350	nq	99
90) Benzo(a)pyrene	24.78	252	1137735	38.270	nq	98
91) Dibenzo(a,h)anthracene	28.68	278	1131660	37.122	nq	97
92) Benzo(g,h,i)perylene	29.75	276	1122530	38.003	nq	99

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

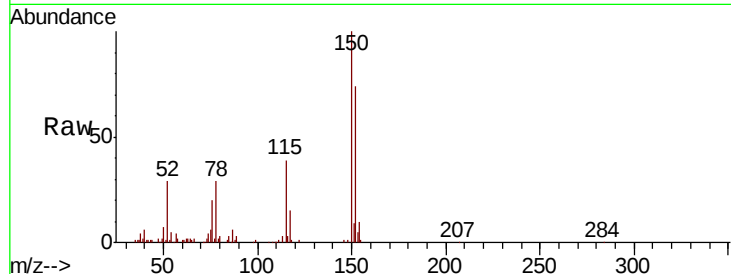


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	134.9	115.0	172.4
115	52.6	47.0	70.6

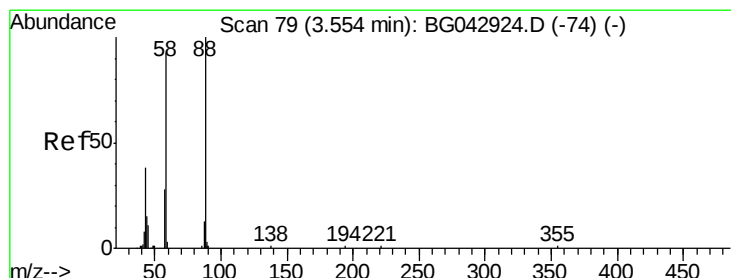
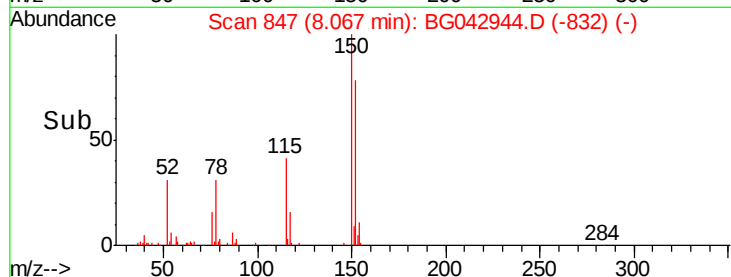
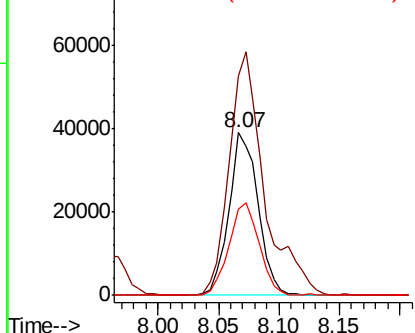


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

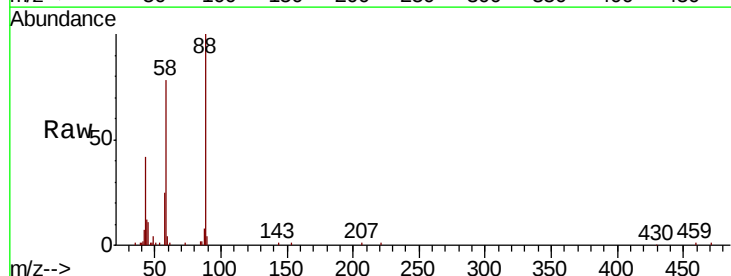
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.224 ng
RT: 3.55 min Scan# 79
Delta R.T. -0.00 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.0	74.3	111.5
43	36.8	29.8	44.8

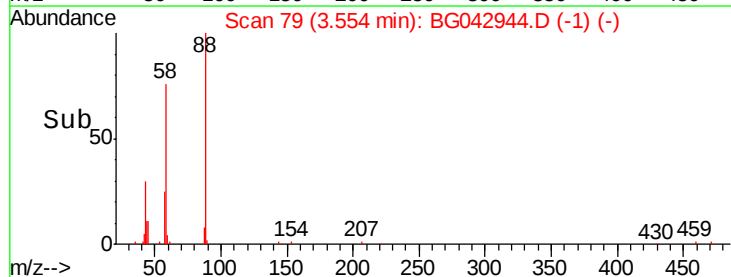
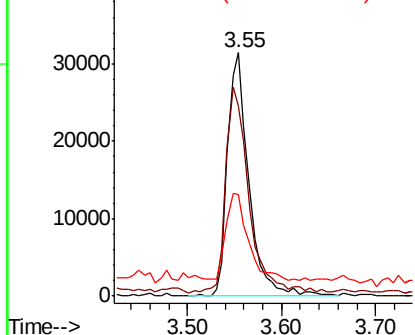


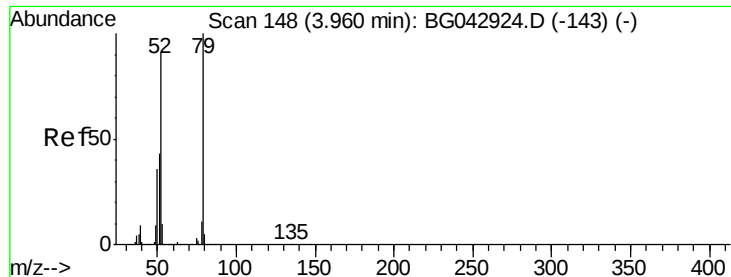
Abundance

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: 28.525 ng

RT: 3.95 min Scan# 147

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

ClientSampleId :

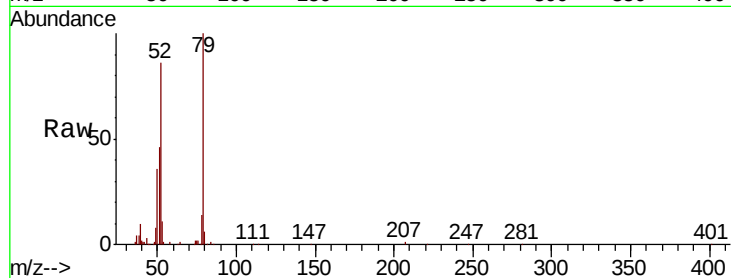
Tot Ion: 79 Resp: 123287

Ion Ratio Lower Upper

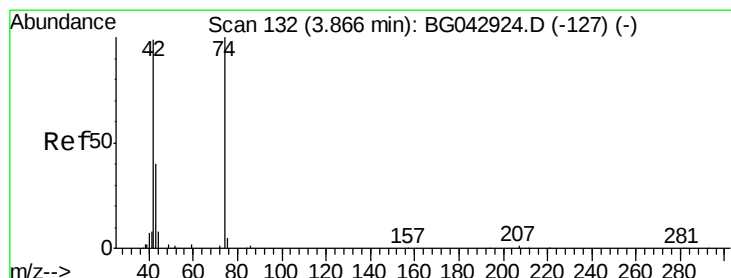
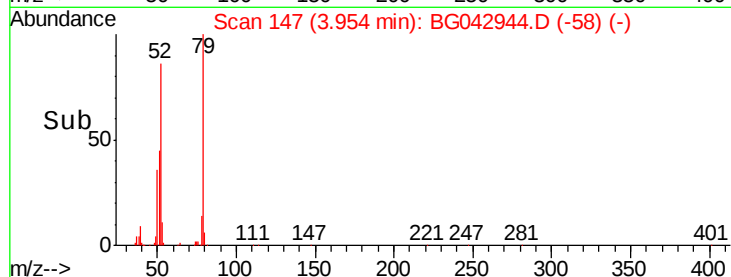
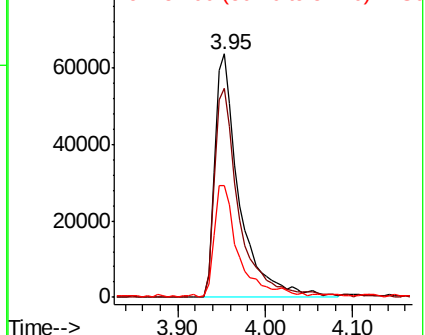
79 100

52 85.8 73.0 109.4

51 45.8 35.1 52.7



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: 37.354 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

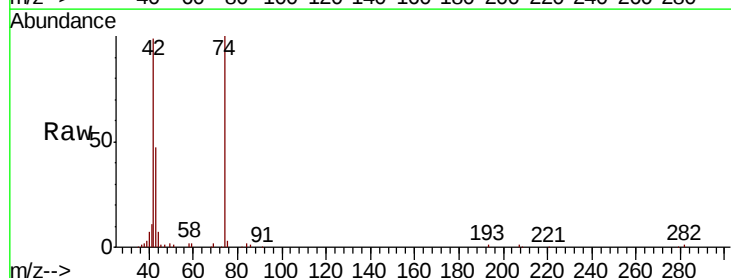
Tgt Ion: 42 Resp: 77637

Ion Ratio Lower Upper

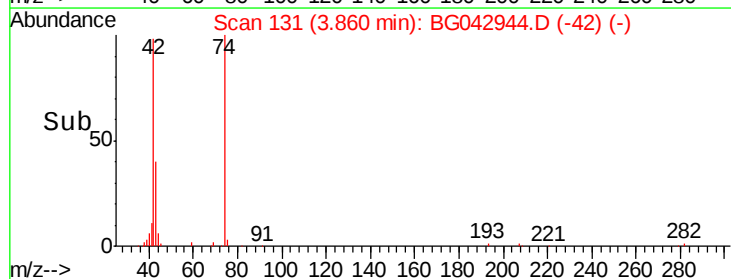
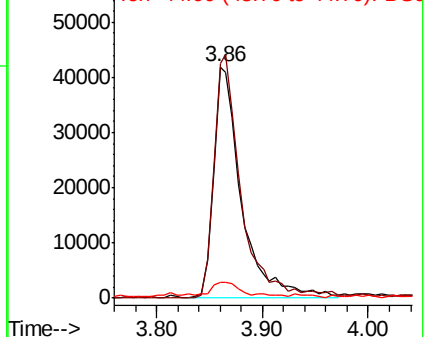
42 100

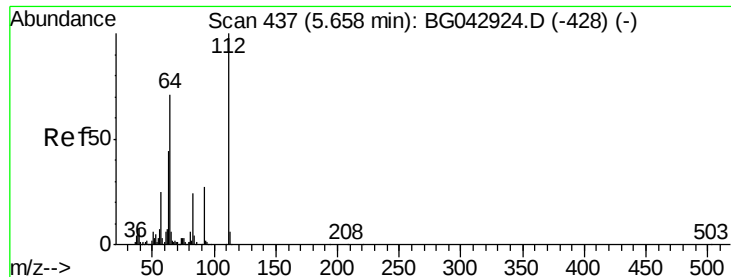
74 101.5 80.5 120.7

44 6.9 6.9 10.3



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: 104.697 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

ClientSampleId :

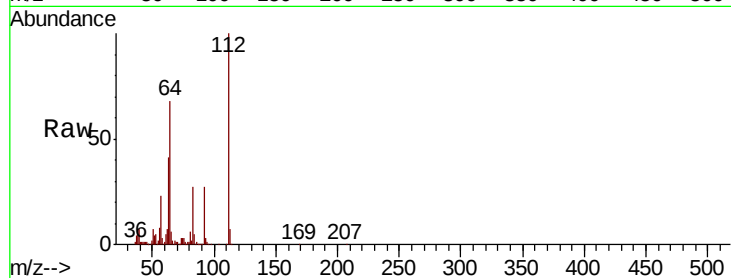
Tot Ion:112 Resp: 385882

Ion Ratio Lower Upper

112 100

64 68.4 56.6 84.8

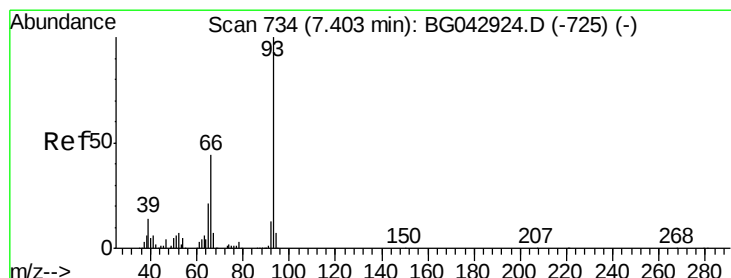
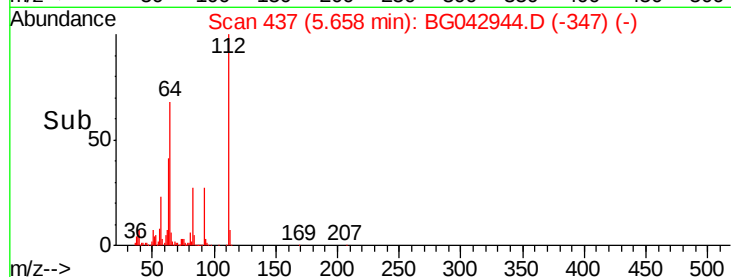
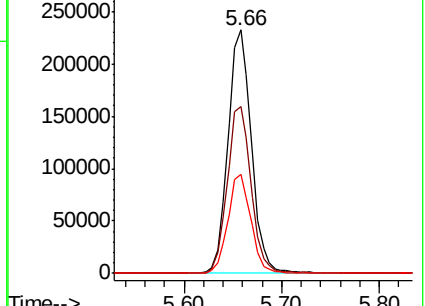
63 40.5 35.1 52.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 19.909 ng

RT: 7.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

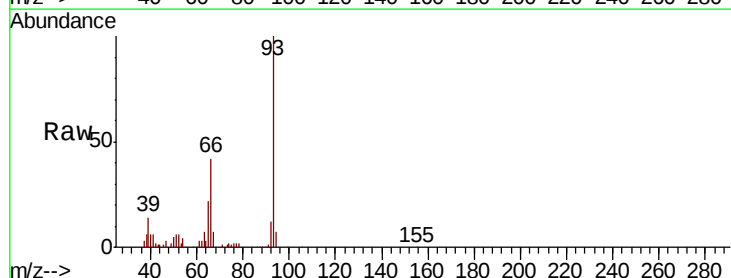
Tgt Ion: 93 Resp: 127555

Ion Ratio Lower Upper

93 100

66 41.6 35.0 52.6

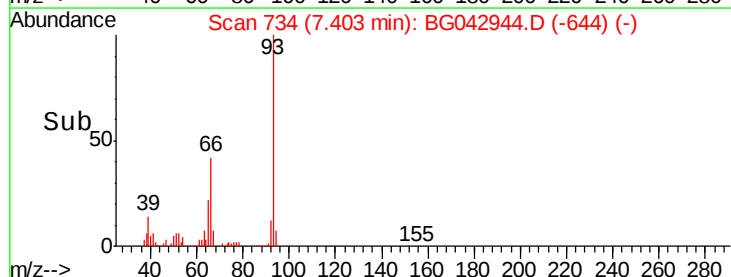
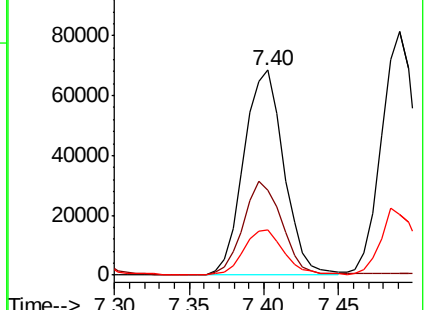
65 22.1 17.4 26.0

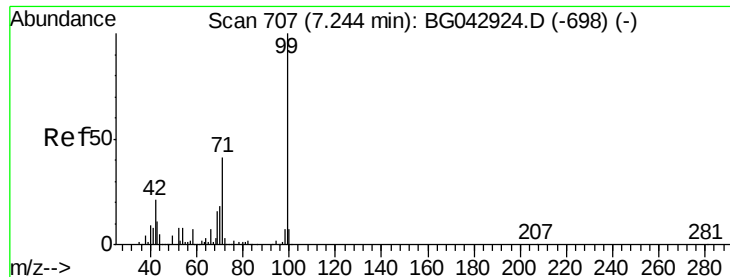


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 104.104 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

ClientSampled :

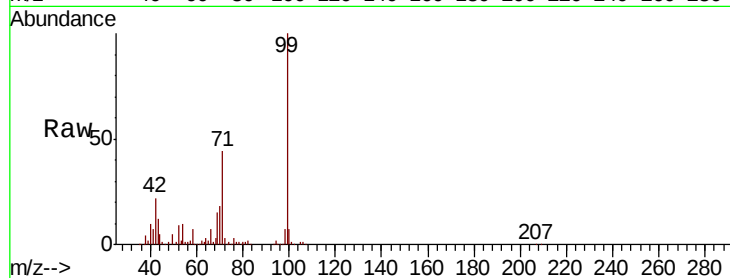
Tot Ion: 99 Resp: 552548

Ion Ratio Lower Upper

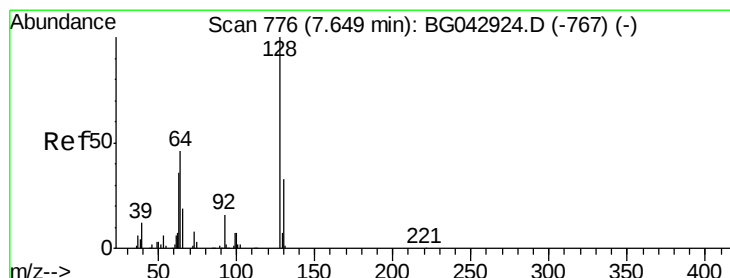
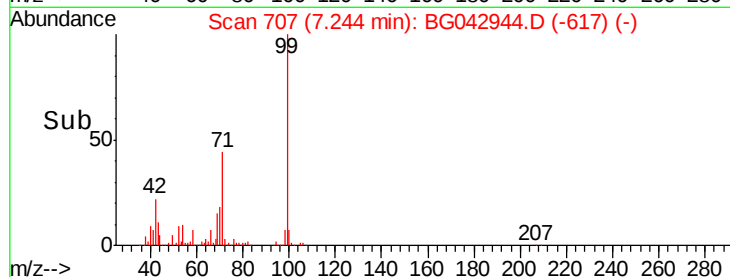
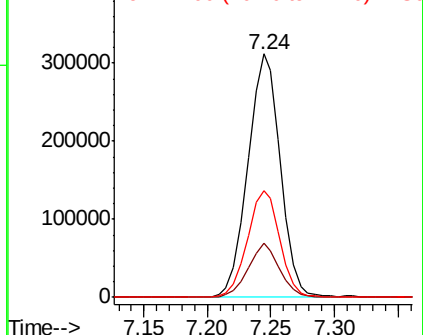
99 100

42 22.0 17.2 25.8

71 43.7 33.1 49.7



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: 39.060 ng

RT: 7.64 min Scan# 775

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

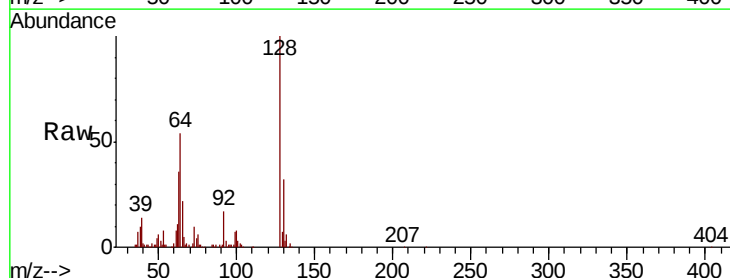
Tgt Ion: 128 Resp: 150134

Ion Ratio Lower Upper

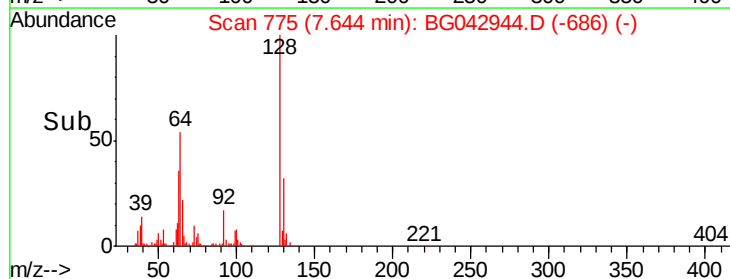
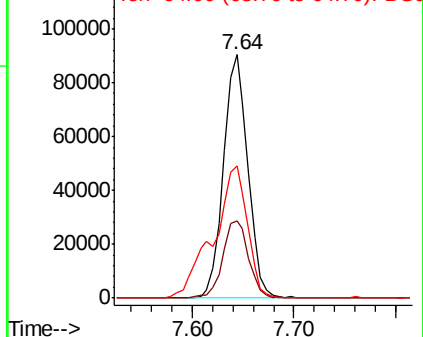
128 100

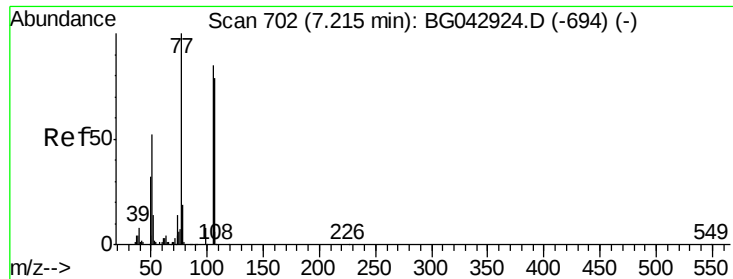
130 31.6 12.5 52.5

64 54.3 32.8 72.8



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: 31.411 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

ClientSampleId :

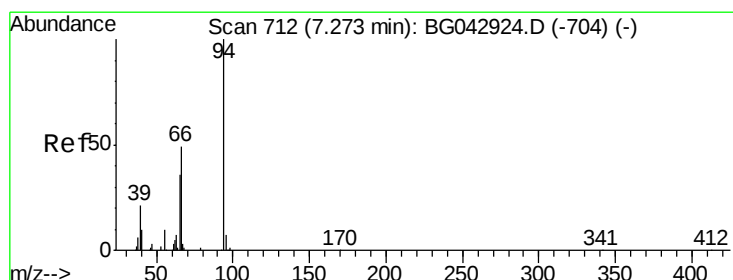
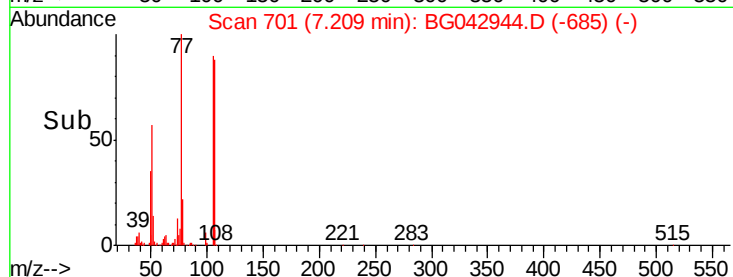
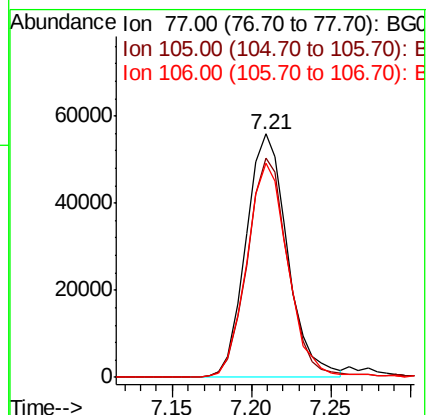
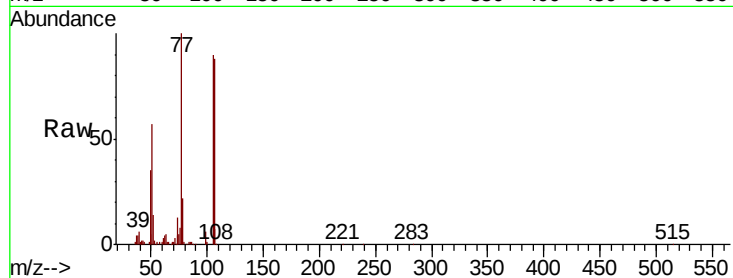
Tot Ion: 77 Resp: 101876

Ion Ratio Lower Upper

77 100

105 90.2 64.6 104.6

106 88.0 59.4 99.4



#10

Phenol

Concen: 42.142 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

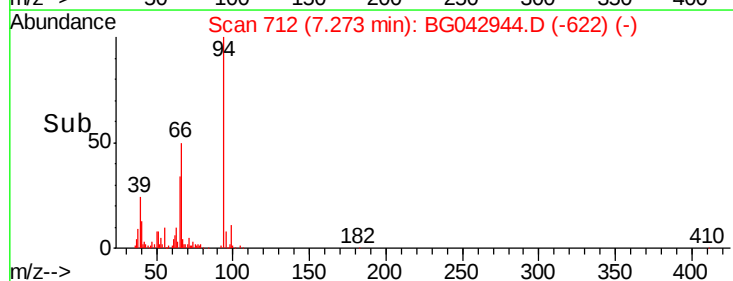
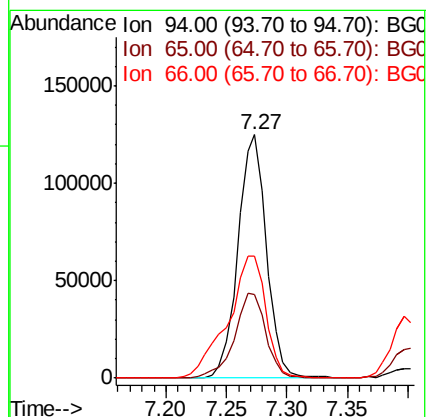
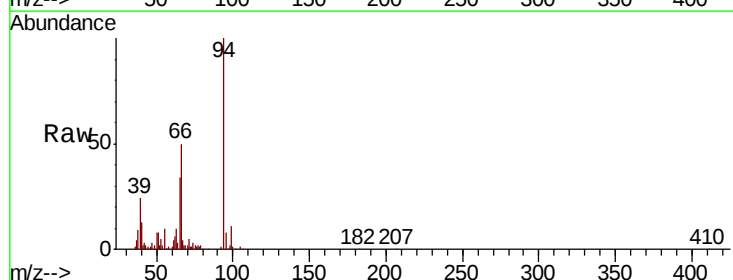
Tgt Ion: 94 Resp: 205215

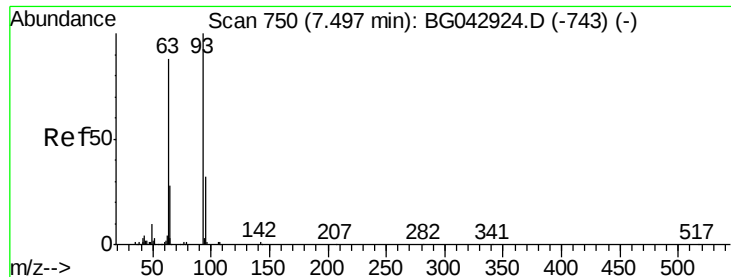
Ion Ratio Lower Upper

94 100

65 34.3 16.6 56.6

66 50.3 32.4 72.4

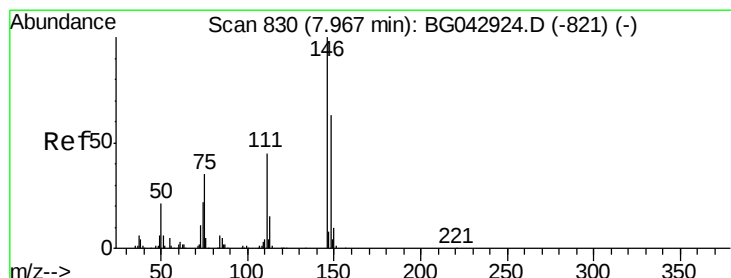
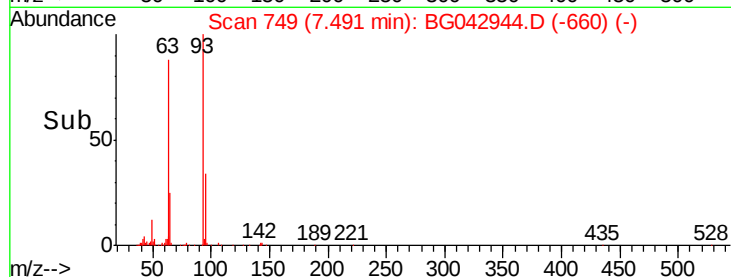
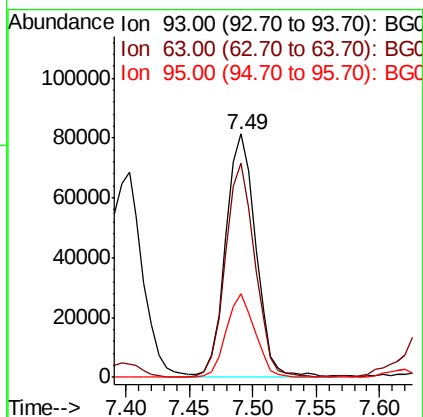
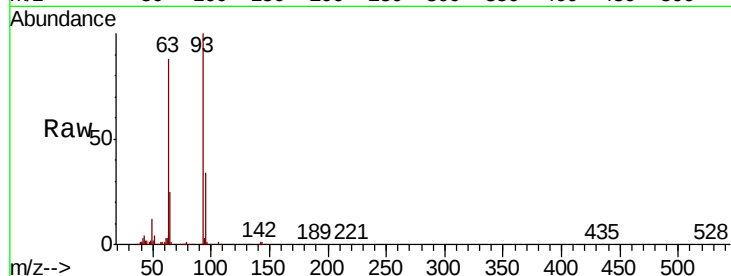




#11
 bis(2-Chloroethyl)ether
 Concen: 35.788 ng
 RT: 7.49 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BG042944.D
 Acq: 30 Sep 2019 15:44

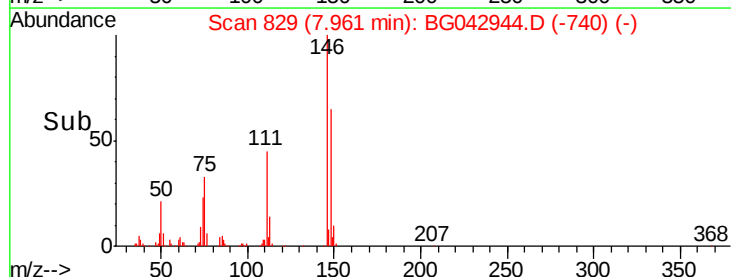
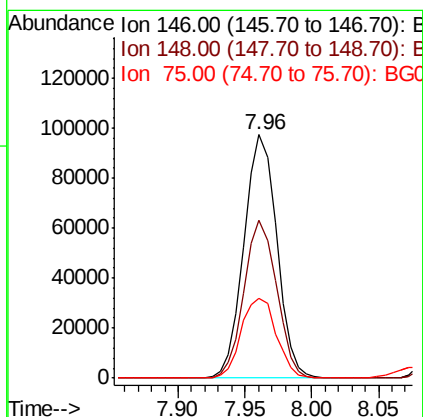
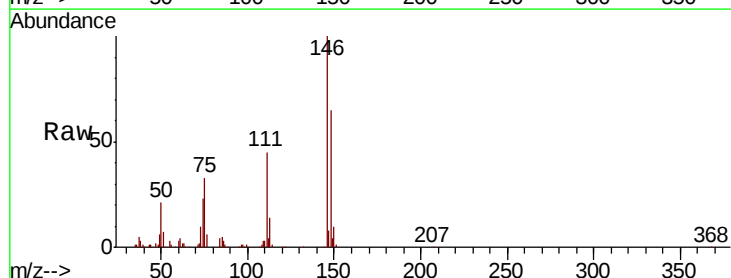
Instrument :
 BNA_G
 ClientSampled :

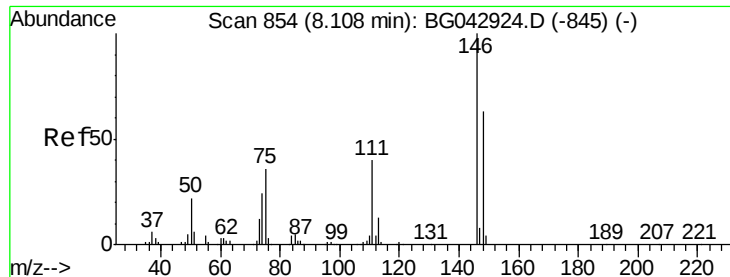
Tot Ion: 93 Resp: 134838
 Ion Ratio Lower Upper
 93 100
 63 88.1 67.4 107.4
 95 34.2 11.9 51.9



#12
 1,3-Dichlorobenzene
 Concen: 33.895 ng
 RT: 7.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BG042944.D
 Acq: 30 Sep 2019 15:44

Tgt Ion: 146 Resp: 166197
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.7 76.1
 75 32.8 27.7 41.5





#13

1,4-Dichlorobenzene

Concen: 34.550 ng

RT: 8.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

ClientSampleId :

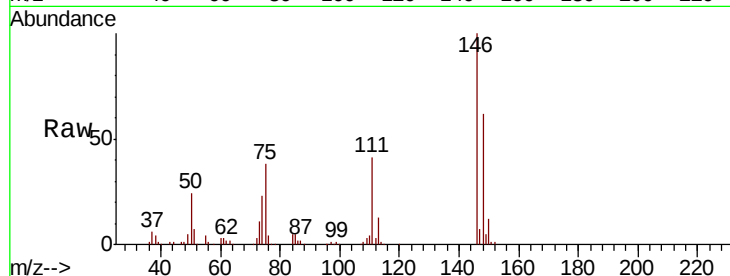
Tot Ion:146 Resp: 168880

Ion Ratio Lower Upper

146 100

148 61.8 50.9 76.3

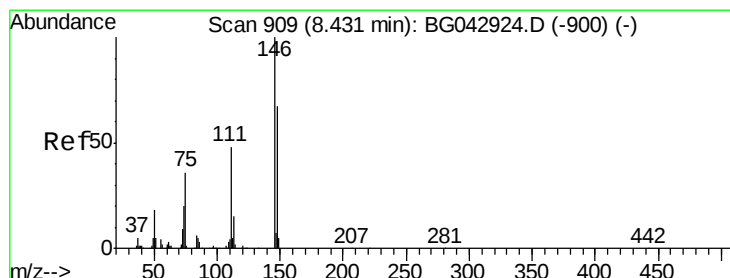
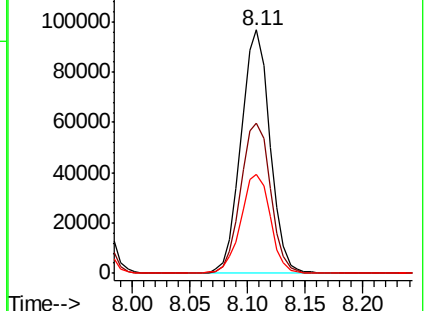
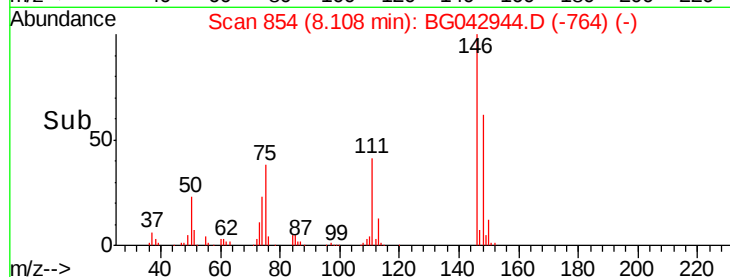
111 40.9 31.8 47.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.194 ng

RT: 8.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

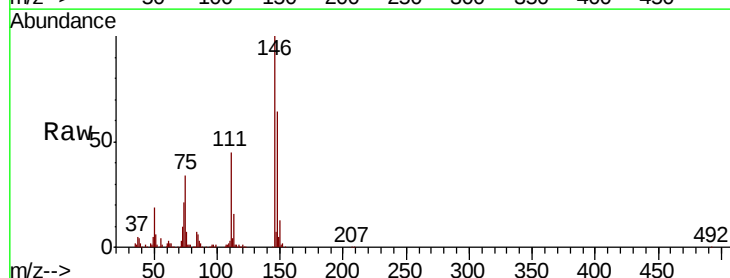
Tgt Ion:146 Resp: 159128

Ion Ratio Lower Upper

146 100

148 64.1 53.4 80.2

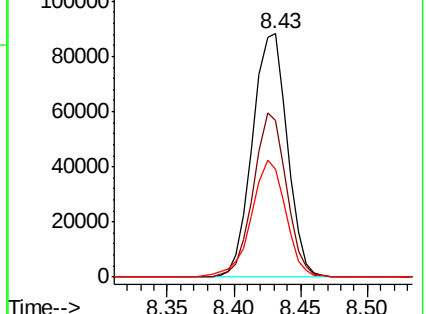
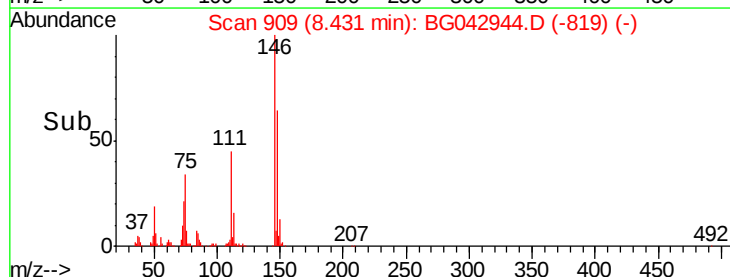
111 44.6 38.5 57.7

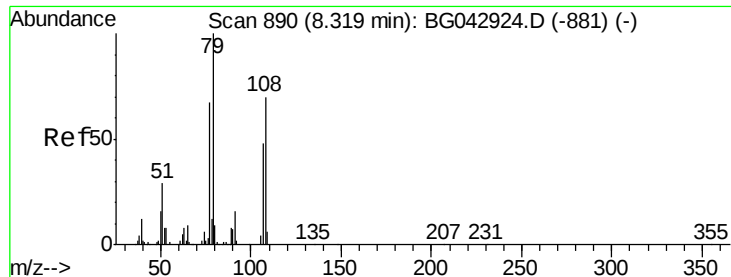


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.937 ng

RT: 8.31 min Scan# 889

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

ClientSampled :

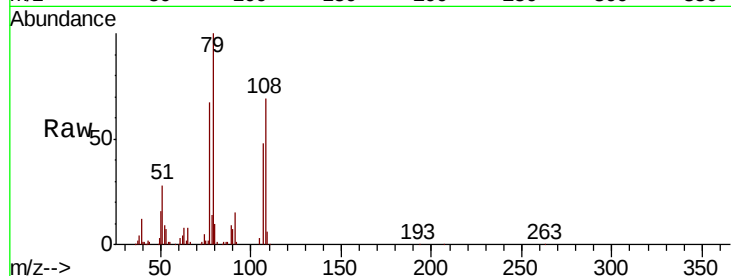
Tot Ion: 79 Resp: 143405

Ion Ratio Lower Upper

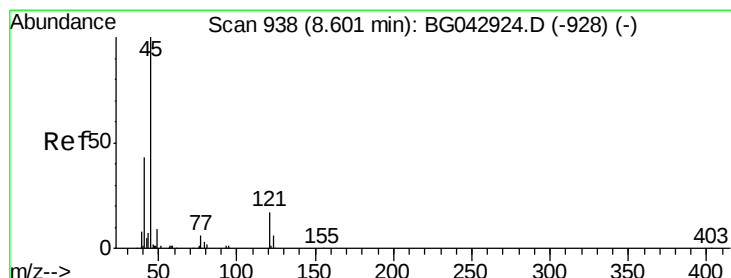
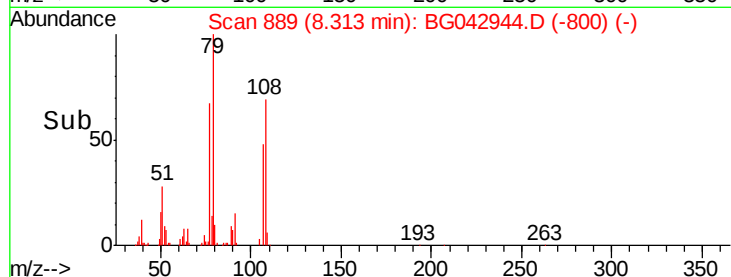
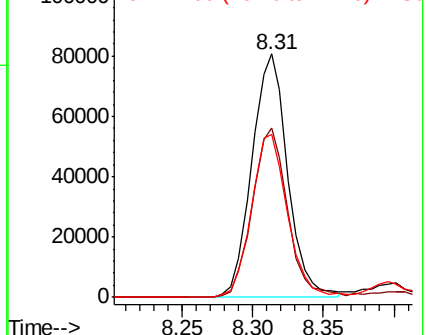
79 100

108 69.4 55.7 83.5

77 66.8 53.3 79.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.174 ng

RT: 8.60 min Scan# 938

Delta R.T. -0.00 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

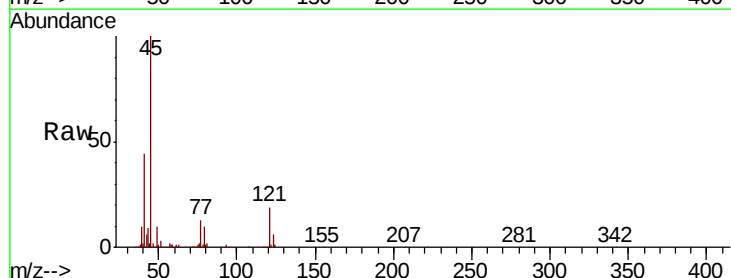
Tgt Ion: 45 Resp: 232802

Ion Ratio Lower Upper

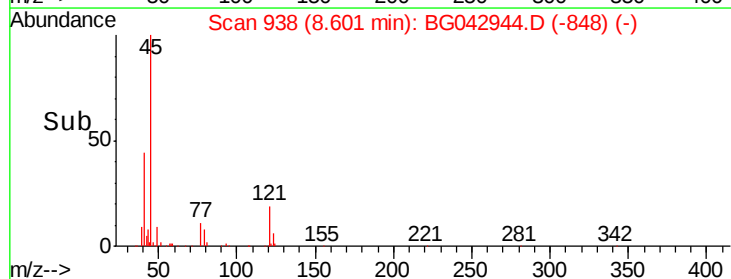
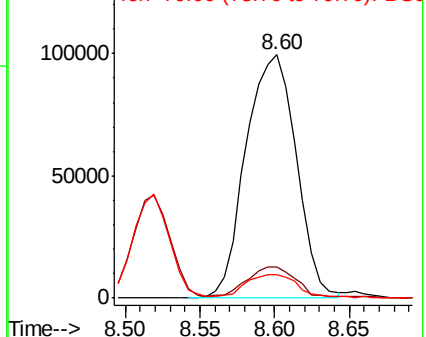
45 100

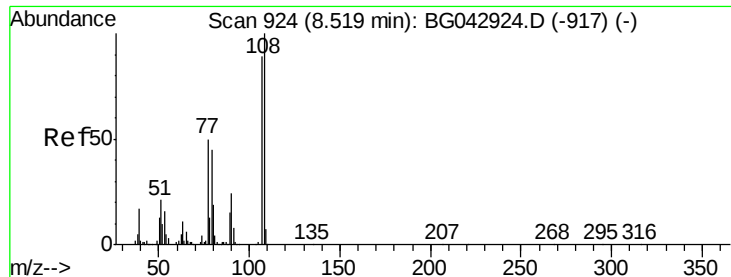
77 13.0 0.0 32.8

79 9.6 0.0 29.4



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

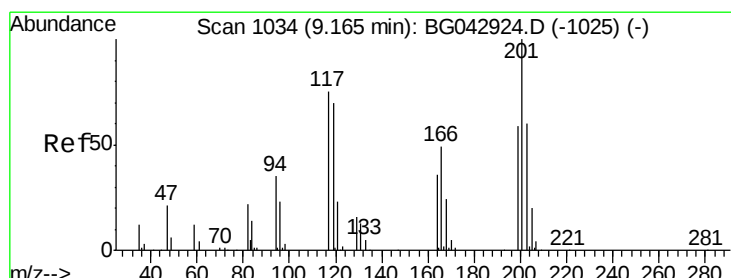
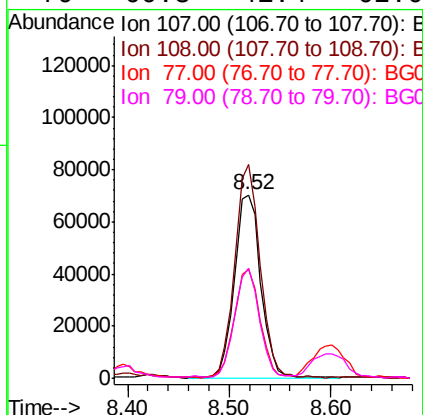
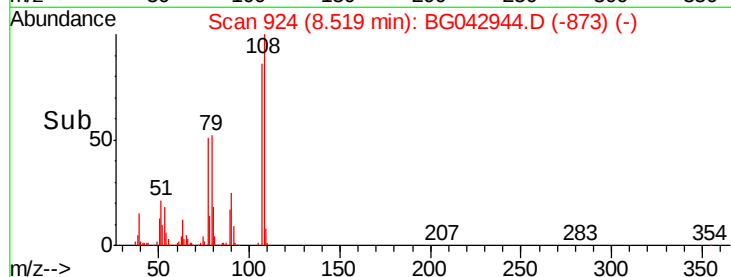
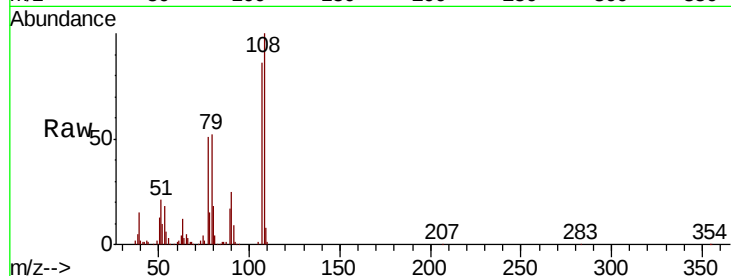




#17
2-Methylphenol
Concen: 37.517 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

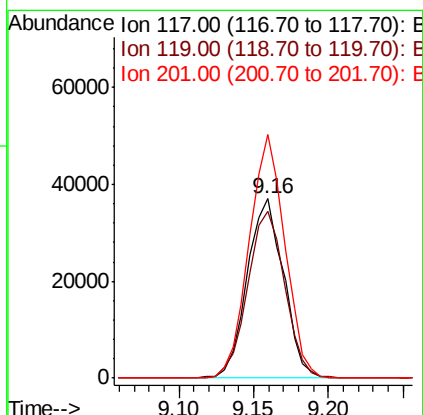
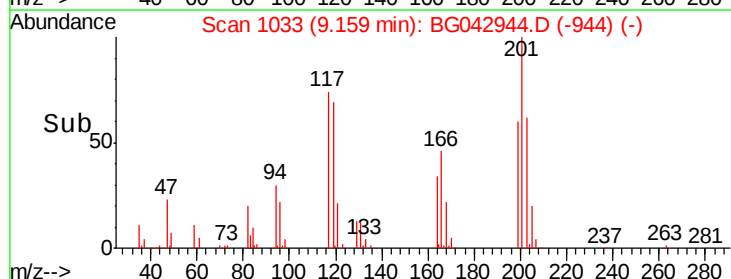
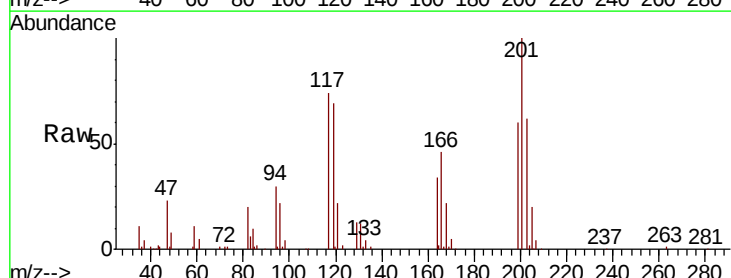
Instrument :
BNA_G
ClientSampleId :

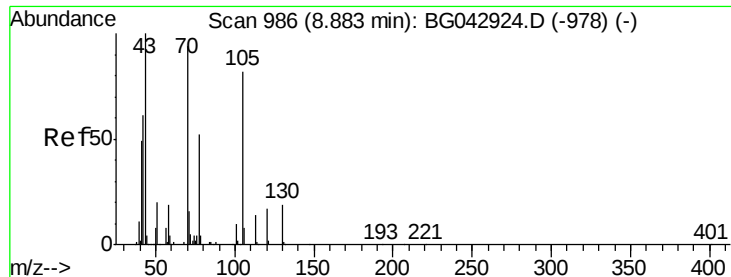
Tot Ion	Ratio	Lower	Upper
107	100		
108	116.5	89.9	134.9
77	59.4	45.4	68.2
79	60.3	41.4	62.0



#18
Hexachloroethane
Concen: 33.867 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	74.6	111.8
201	135.9	106.0	159.0

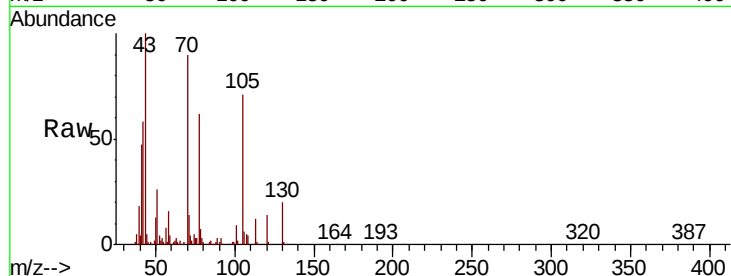




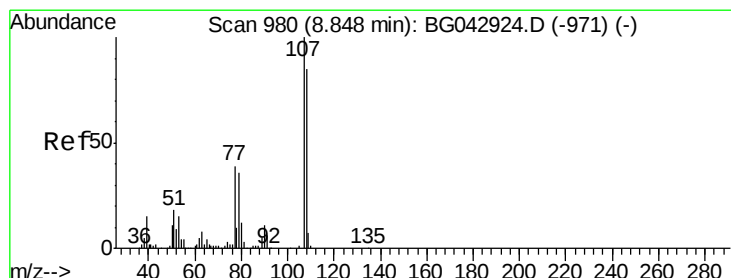
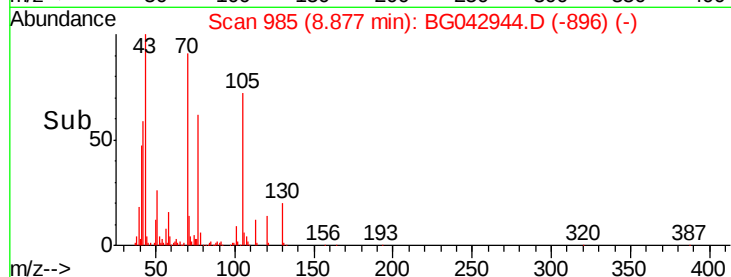
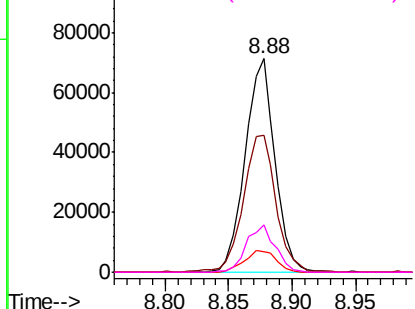
#19
n-Nitroso-di-n-propylamine
Concen: 33.373 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Instrument :
BNA_G
ClientSampled :

Tot Ion: 70 Resp: 116310
Ion Ratio Lower Upper
70 100
42 64.1 52.6 79.0
101 9.6 8.7 13.1
130 22.1 15.8 23.8

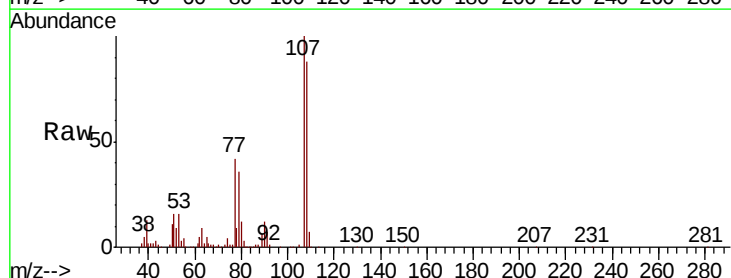


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

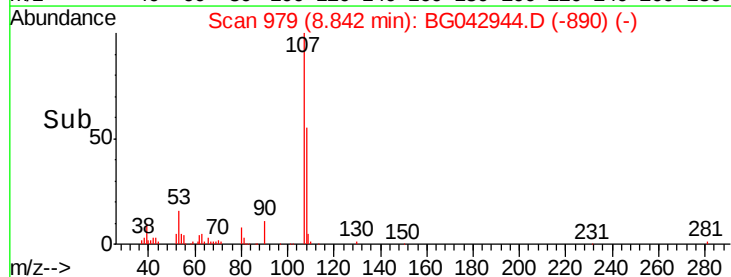
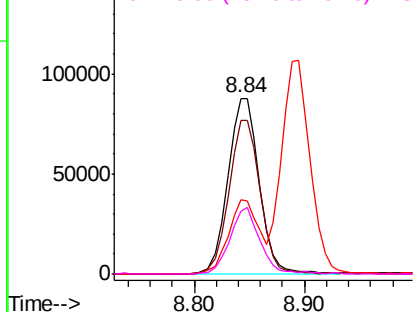


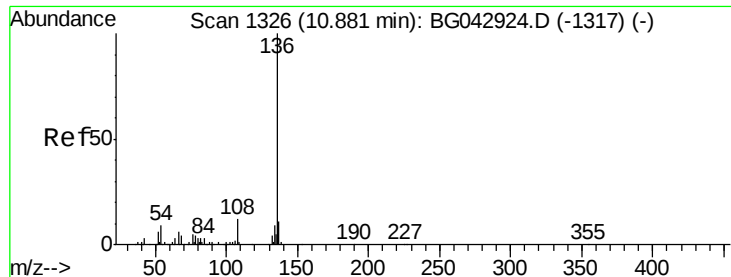
#20
3+4-Methylphenols
Concen: 37.339 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Tgt Ion:107 Resp: 174351
Ion Ratio Lower Upper
107 100
108 87.6 64.9 104.9
77 42.0 19.4 59.4
79 35.6 16.2 56.2



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: 10.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 250779

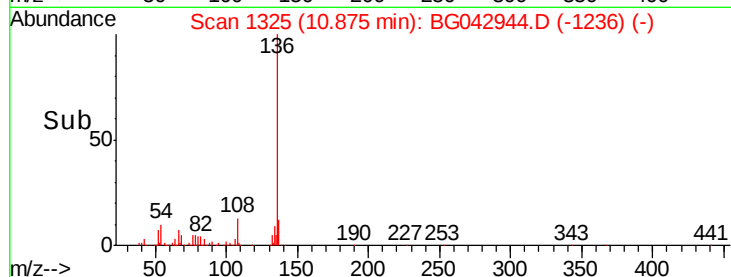
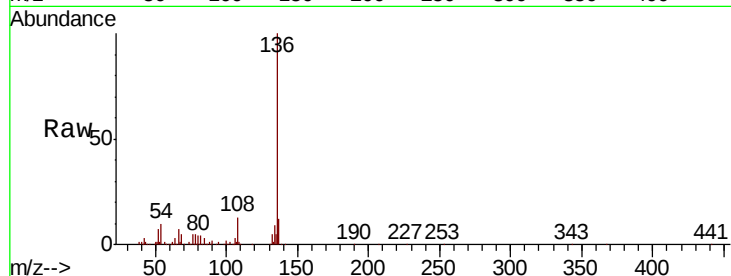
Ion Ratio Lower Upper

136 100

137 12.4 8.5 12.7

54 10.3 7.4 11.2

68 5.2 3.6 5.4

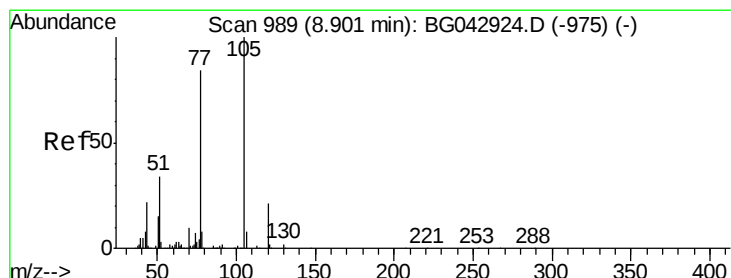
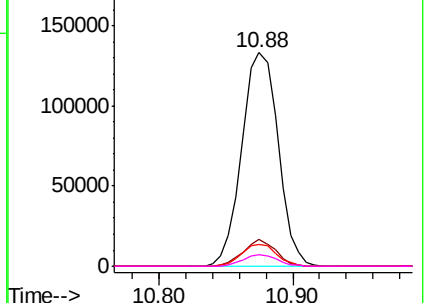


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 34.639 ng

RT: 8.89 min Scan# 988

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Tgt Ion:105 Resp: 223918

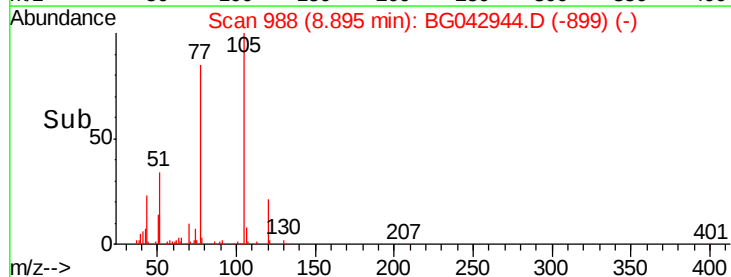
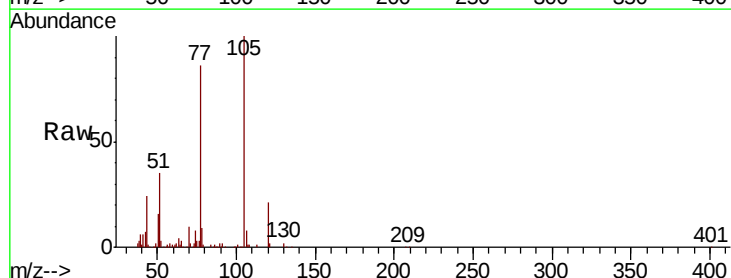
Ion Ratio Lower Upper

105 100

71 1.6 1.2 1.8

51 34.7 27.2 40.8

120 21.4 16.9 25.3

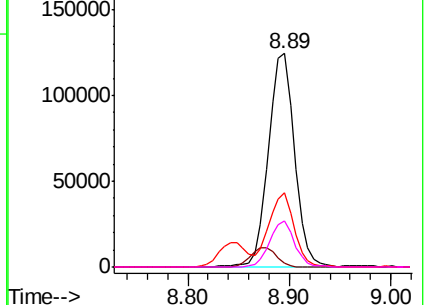


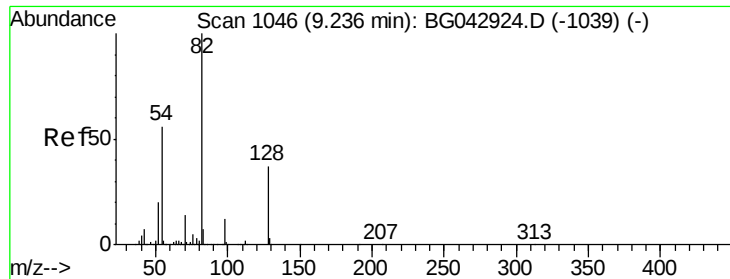
Abundance Ion 105.00 (104.70 to 105.70): E

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

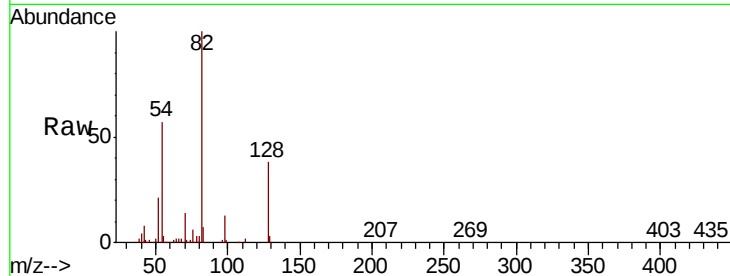




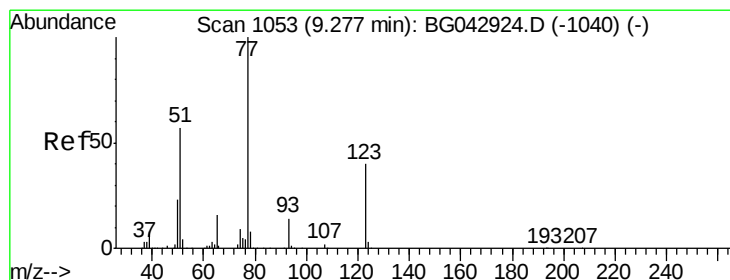
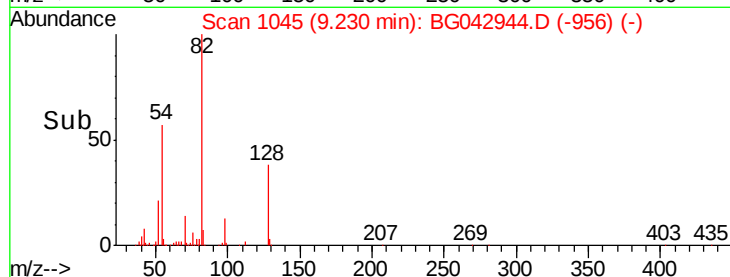
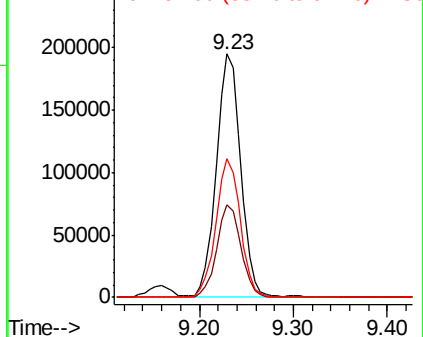
#23
Nitrobenzene-d5
Concen: 68.487 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	353362
Ion	Ratio	Lower	Upper
82	100		
128	37.9	29.5	44.3
54	57.0	44.6	67.0

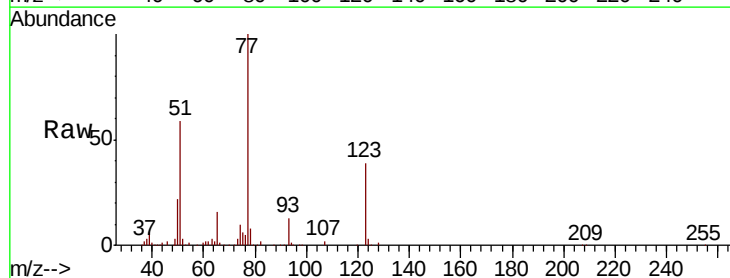


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

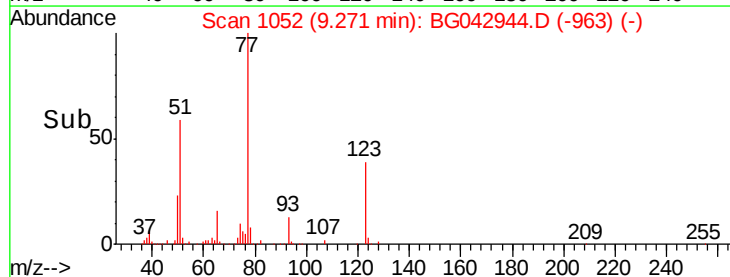
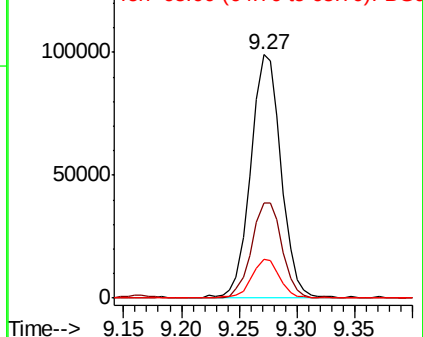


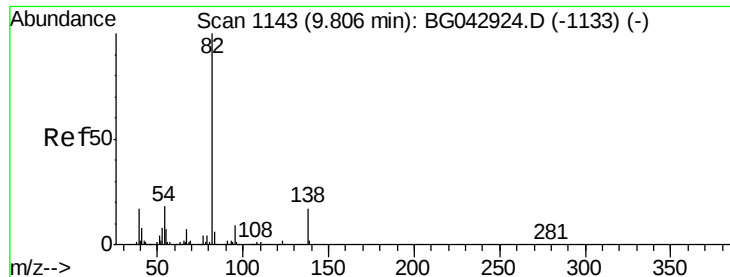
#24
Nitrobenzene
Concen: 37.015 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Tgt Ion	77	Resp	182165
Ion	Ratio	Lower	Upper
77	100		
123	39.0	31.9	47.9
65	16.1	12.4	18.6



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: 36.664 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

ClientSampleId :

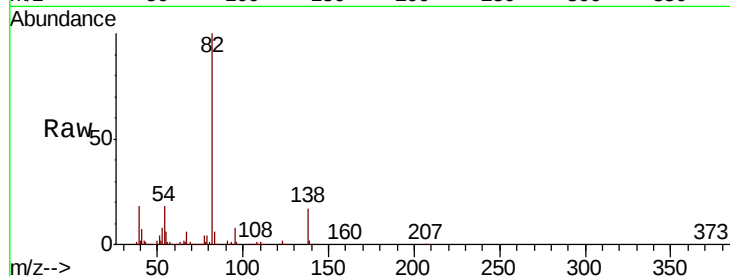
Tot Ion: 82 Resp: 332280

Ion Ratio Lower Upper

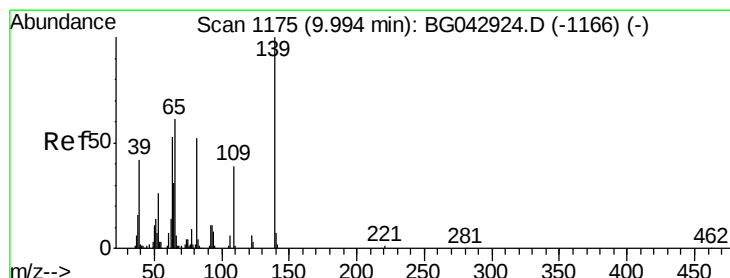
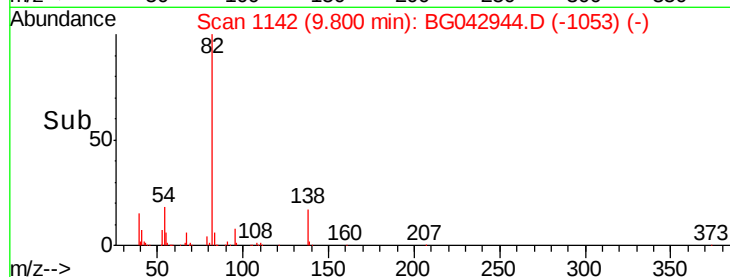
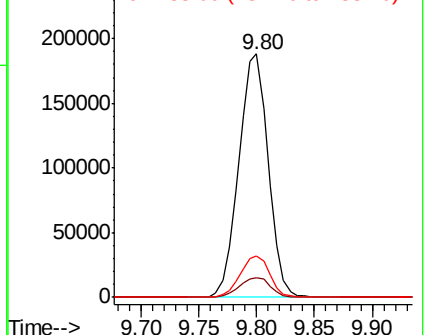
82 100

95 8.0 7.0 10.4

138 17.2 13.8 20.6



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 39.942 ng

RT: 9.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

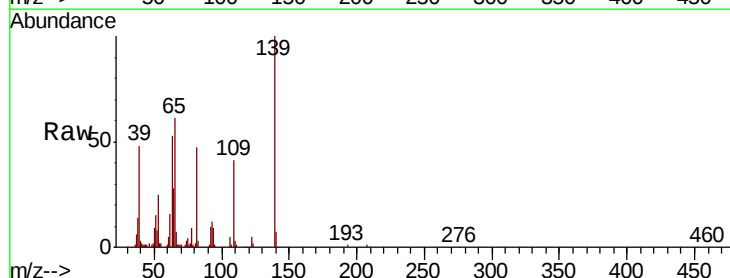
Tgt Ion: 139 Resp: 83679

Ion Ratio Lower Upper

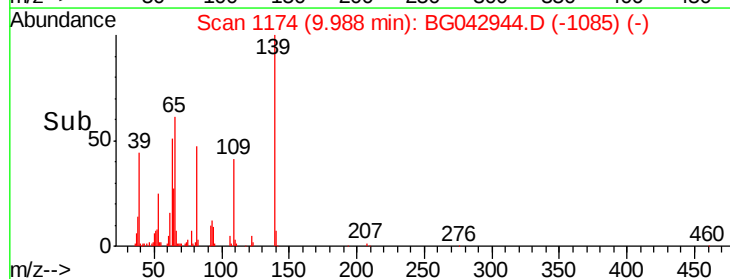
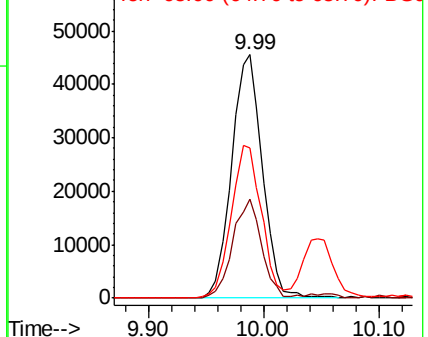
139 100

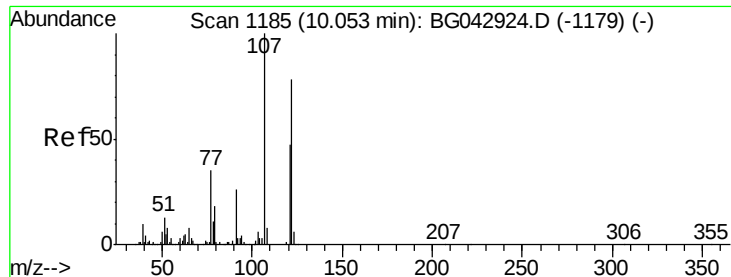
109 40.7 31.0 46.6

65 61.4 48.4 72.6



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

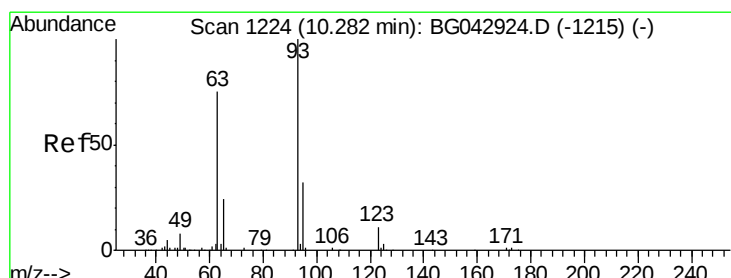
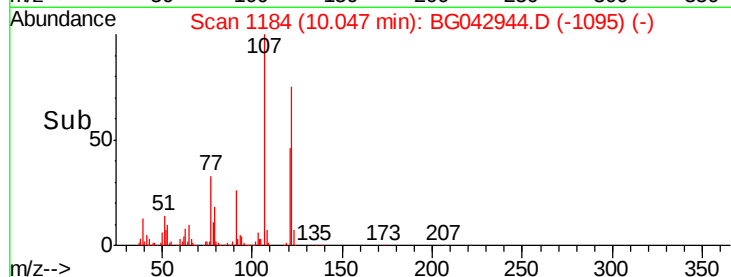
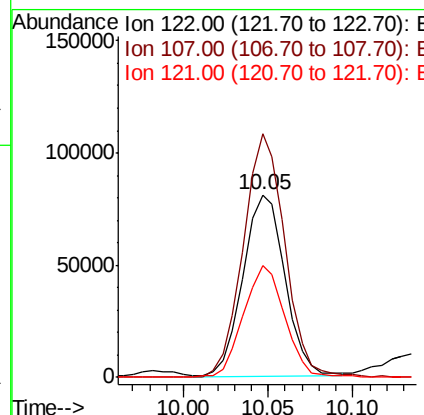
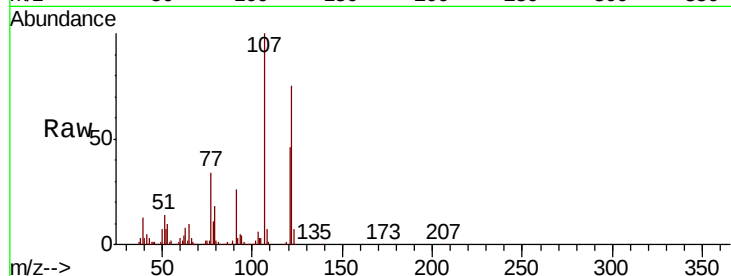




#27
 2,4-Dimethylphenol
 Concen: 43.879 ng
 RT: 10.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BG042944.D
 Acq: 30 Sep 2019 15:44

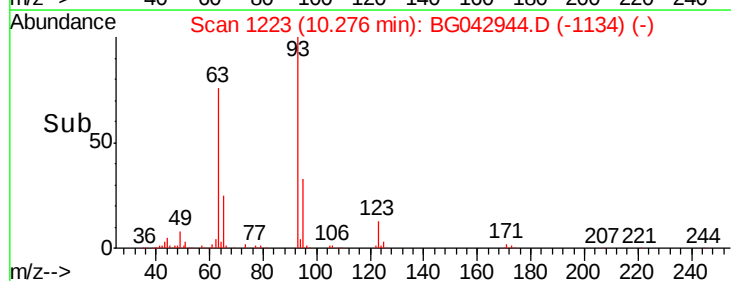
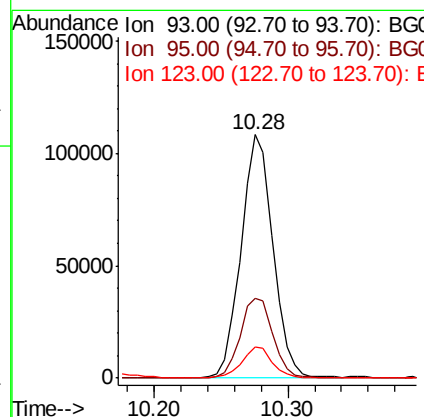
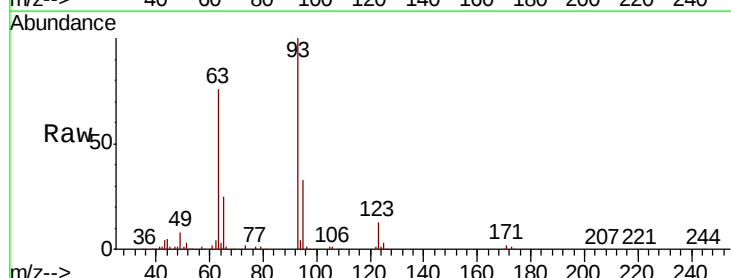
Instrument :
 BNA_G
 ClientSampleId :

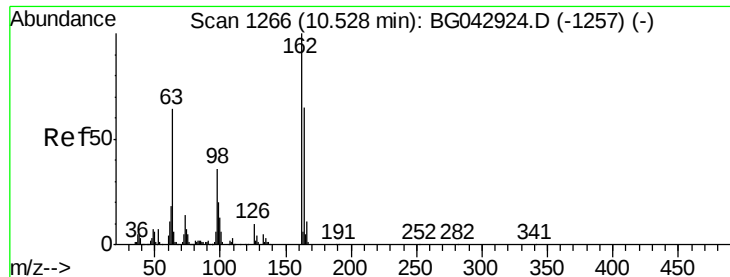
Tot Ion	Ratio	Lower	Upper
122	100		
107	133.4	102.2	153.2
121	61.2	48.5	72.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.841 ng
 RT: 10.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG042944.D
 Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.4	38.0
123	12.7	9.3	13.9

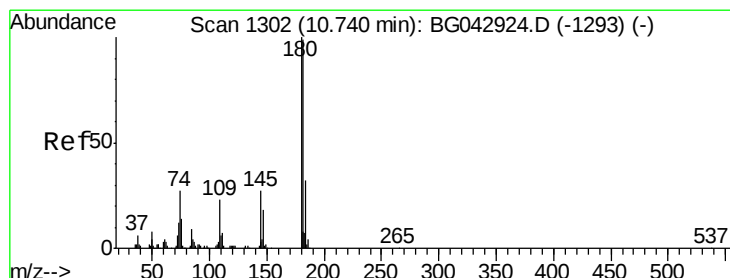
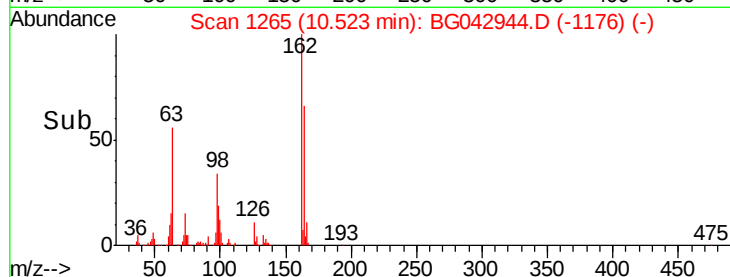
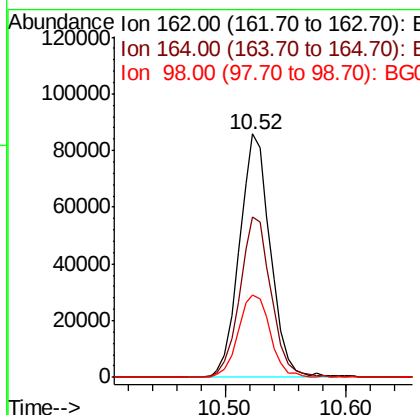
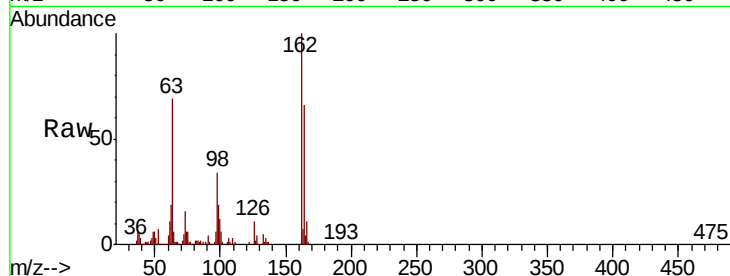




#29
 2,4-Dichlorophenol
 Concen: 38.248 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BG042944.D
 Acq: 30 Sep 2019 15:44

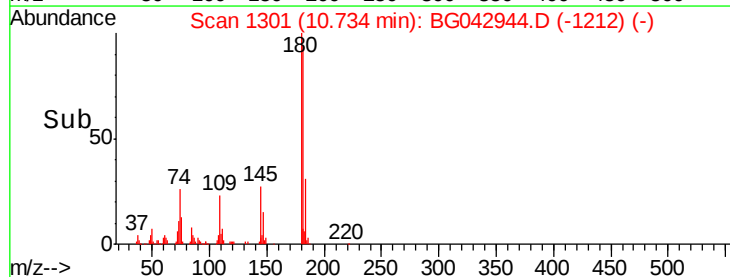
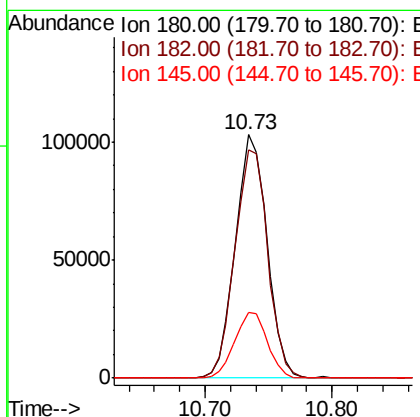
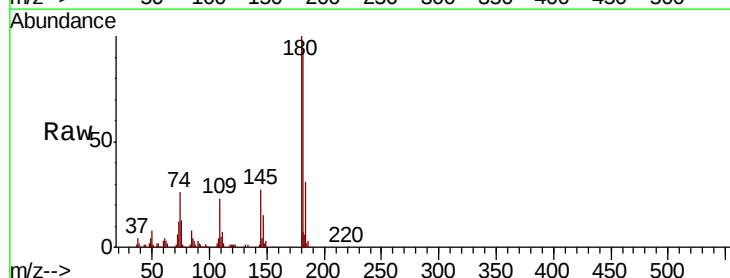
Instrument :
 BNA_G
 ClientSampleId :

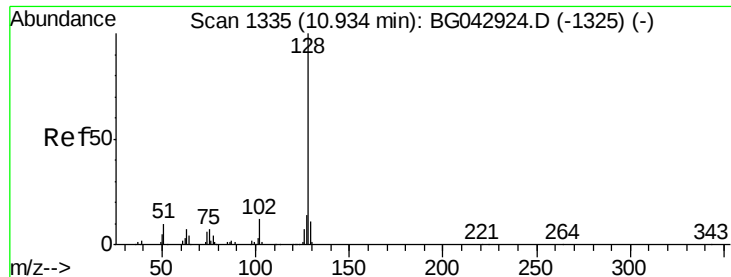
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	44.7	84.7
98	33.7	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 34.697 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BG042944.D
 Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	79.3	118.9
145	26.8	22.0	33.0

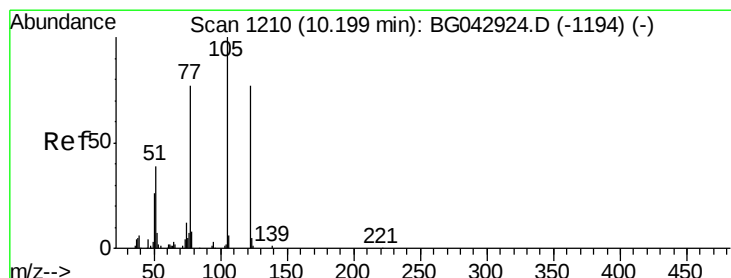
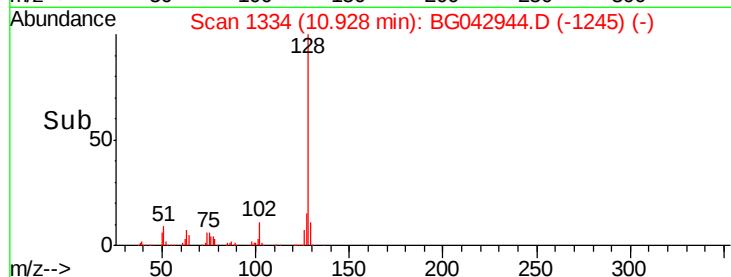
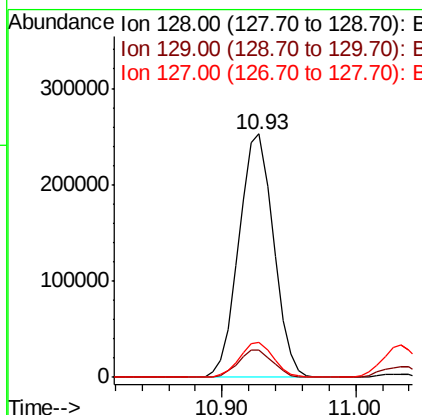
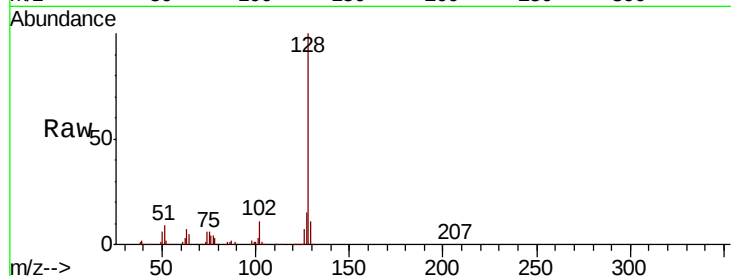




#31
Naphthalene
Concen: 36.848 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

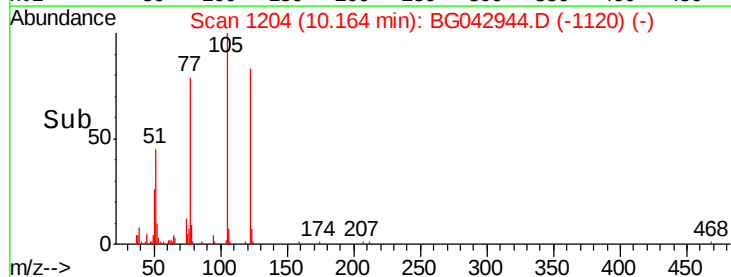
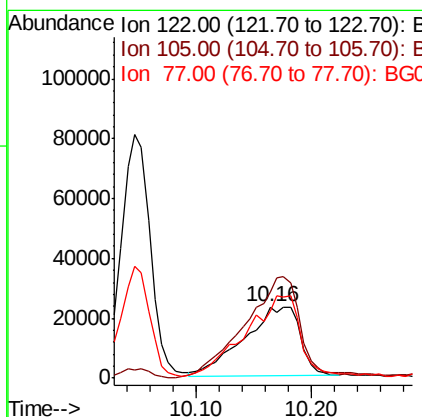
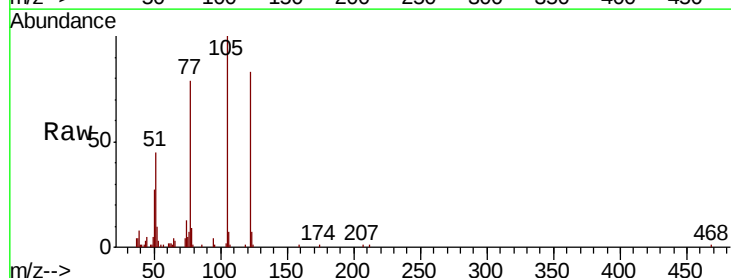
Instrument :
BNA_G
ClientSampleId :

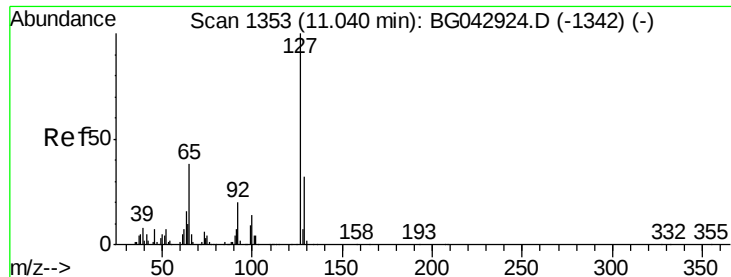
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	14.5	11.3	16.9



#32
Benzoic acid
Concen: 33.684 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.03 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.5	107.5	147.5
77	94.9	79.8	119.8

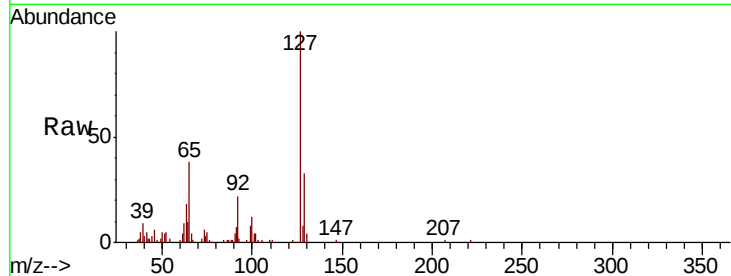




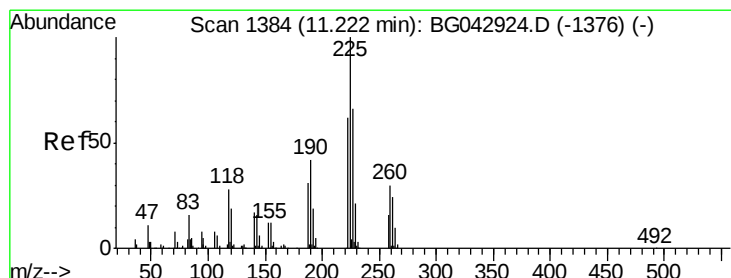
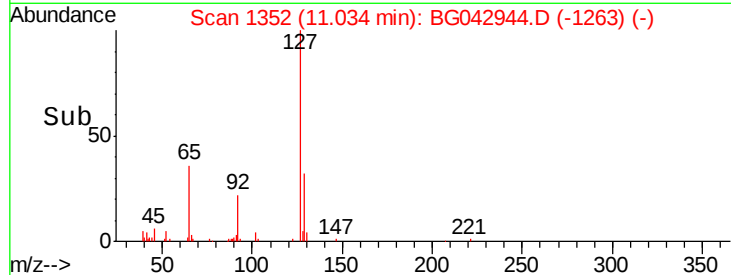
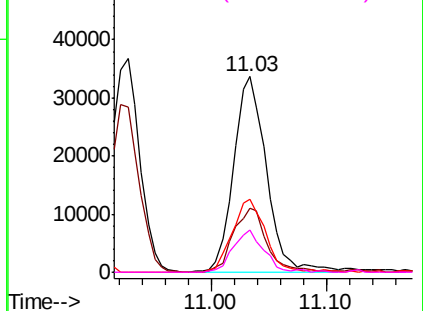
#33
4-Chloroaniline
Concen: 12.380 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	66317
Ion Ratio	Lower	Upper
127	100	
129	32.8	26.2 39.2
65	37.7	30.6 45.8
92	21.8	16.2 24.4

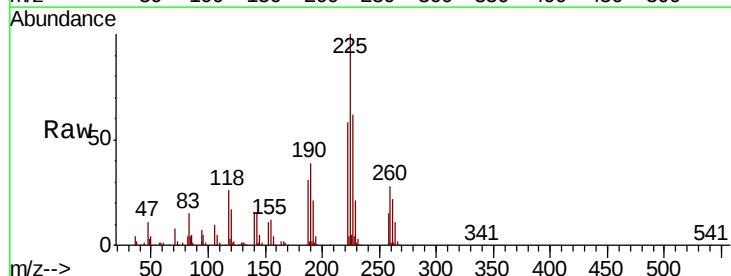


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

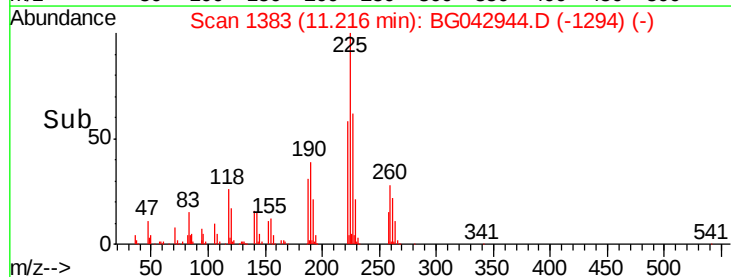
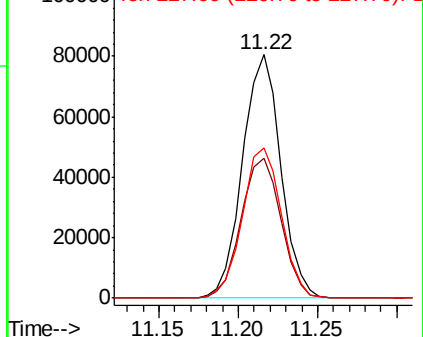


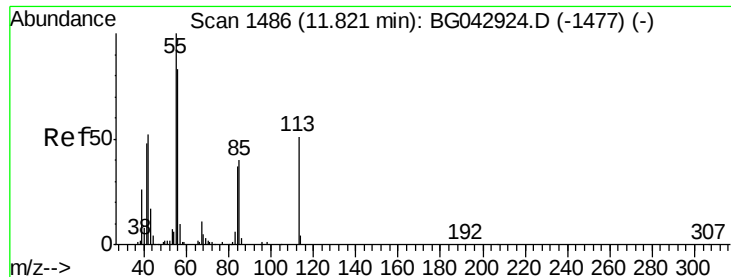
#34
Hexachlorobutadiene
Concen: 34.828 ng
RT: 11.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Tgt Ion:225	Resp:	134754
Ion Ratio	Lower	Upper
225	100	
223	57.7	49.3 73.9
227	61.8	52.8 79.2



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





#35

Caprolactam

Concen: 14.878 ng

RT: 11.80 min Scan# 1483

Delta R.T. -0.02 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

ClientSampleId :

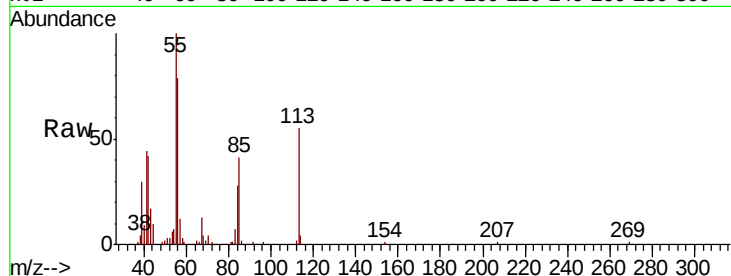
Tot Ion:113 Resp: 20994

Ion Ratio Lower Upper

113 100

55 182.3 175.5 215.5

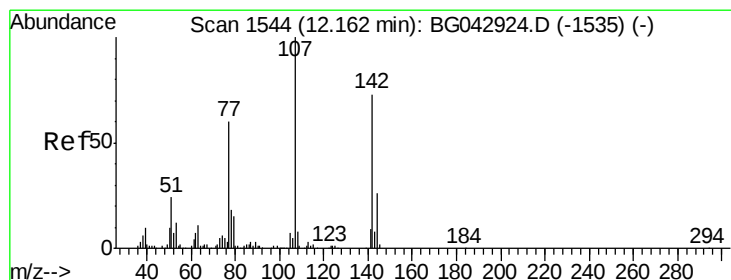
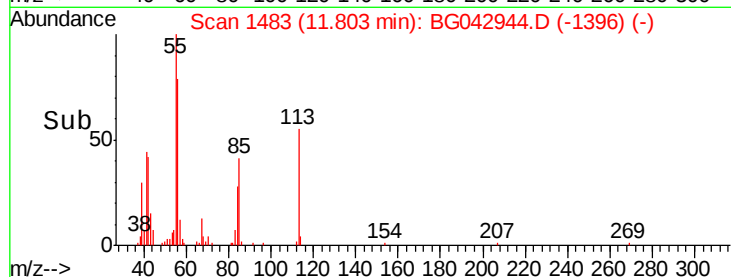
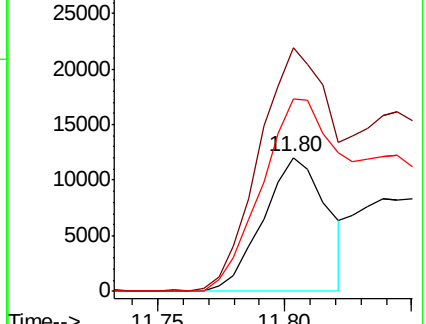
56 144.0 142.3 182.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 38.787 ng

RT: 12.16 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

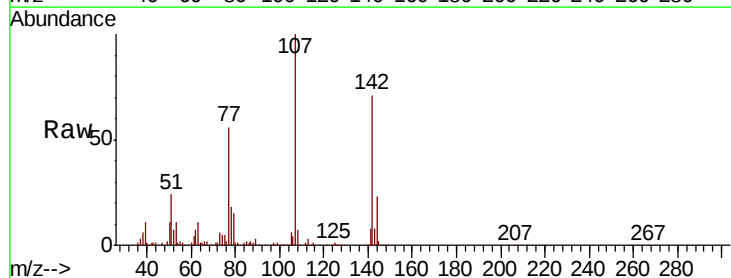
Tgt Ion:107 Resp: 168753

Ion Ratio Lower Upper

107 100

144 22.9 20.7 31.1

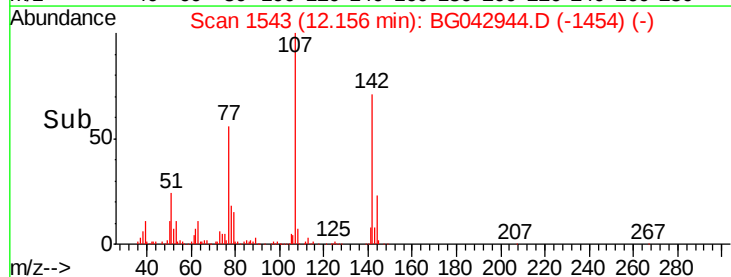
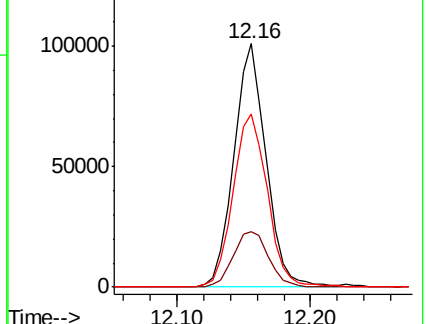
142 71.4 58.6 87.8

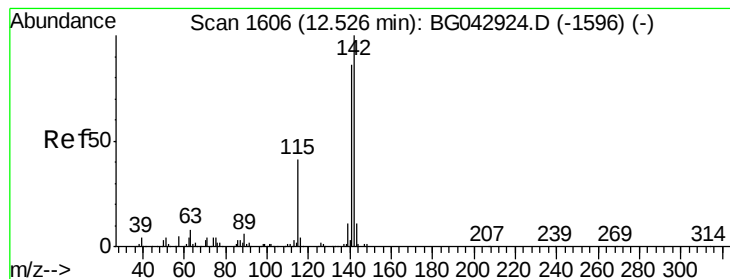


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.458 ng

RT: 12.53 min Scan# 1606

Delta R.T. -0.00 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

ClientSampleId :

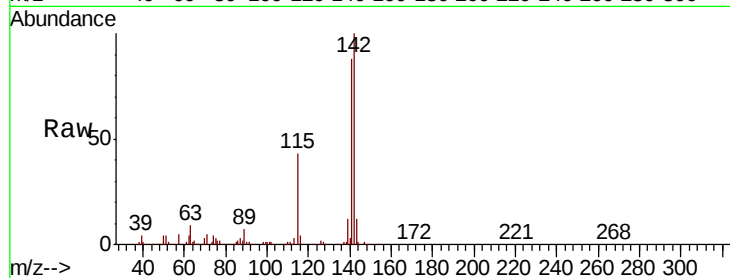
Tot Ion:142 Resp: 343349

Ion Ratio Lower Upper

142 100

141 88.3 69.0 103.4

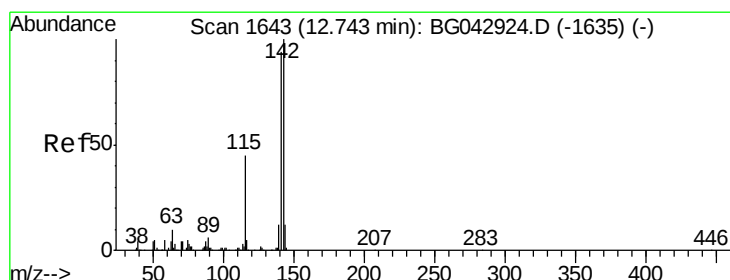
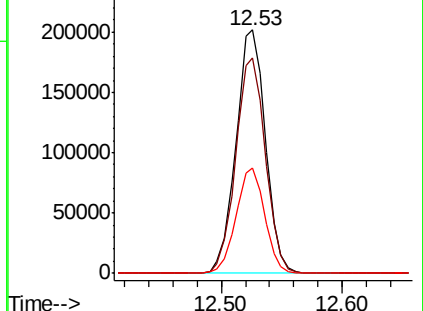
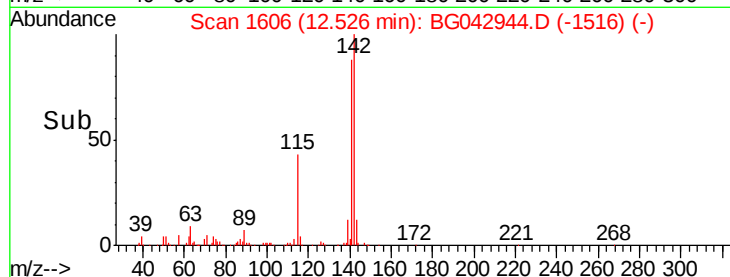
115 43.2 32.8 49.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 35.896 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

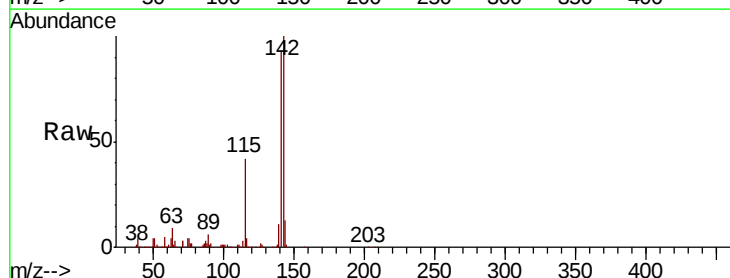
Tgt Ion:142 Resp: 319880

Ion Ratio Lower Upper

142 100

141 93.4 74.9 112.3

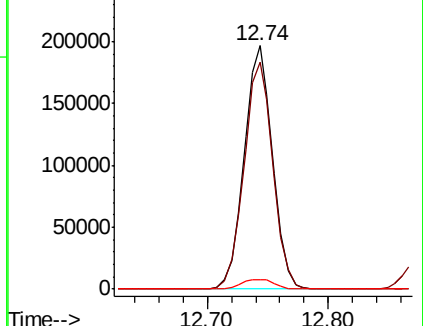
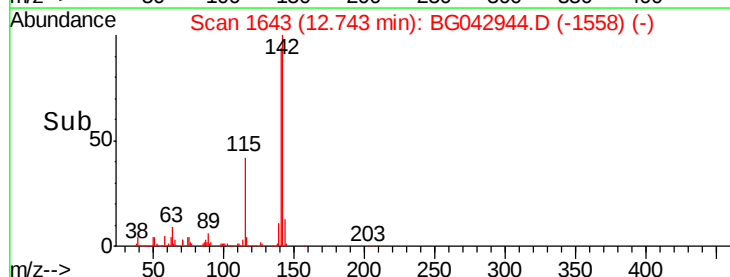
116 3.9 3.7 5.5

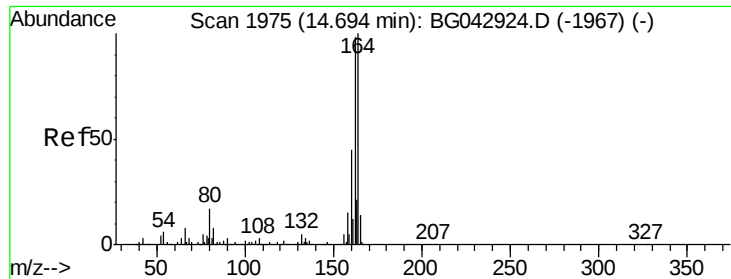


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

ClientSampleId :

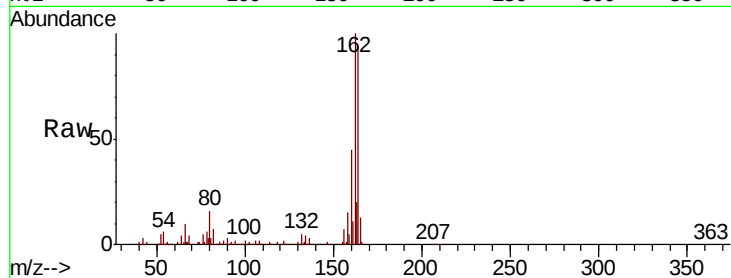
Tot Ion:164 Resp: 178030

Ion Ratio Lower Upper

164 100

162 106.4 78.5 117.7

160 47.8 35.9 53.9

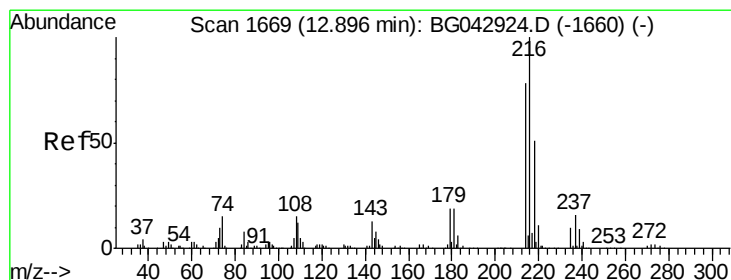
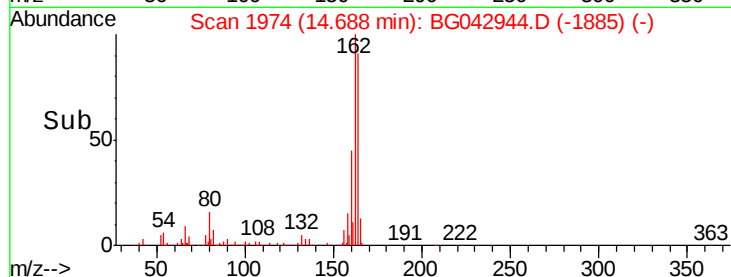
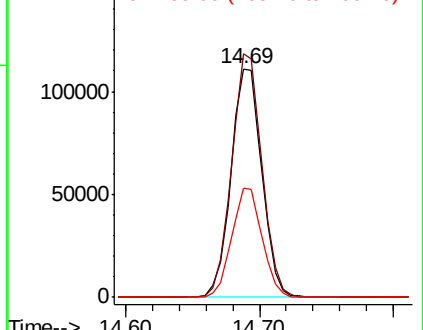


Abundance

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: 33.753 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Tgt Ion:216 Resp: 225935

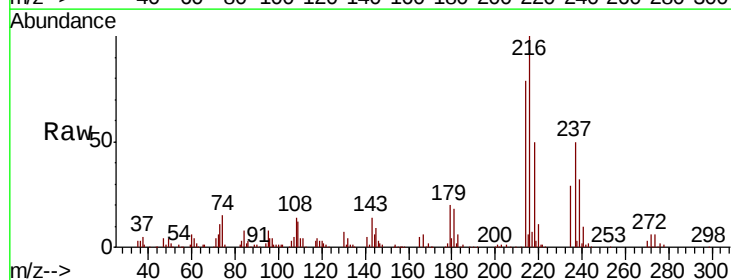
Ion Ratio Lower Upper

216 100

214 78.1 62.4 93.6

179 20.1 15.4 23.2

108 17.6 12.6 19.0



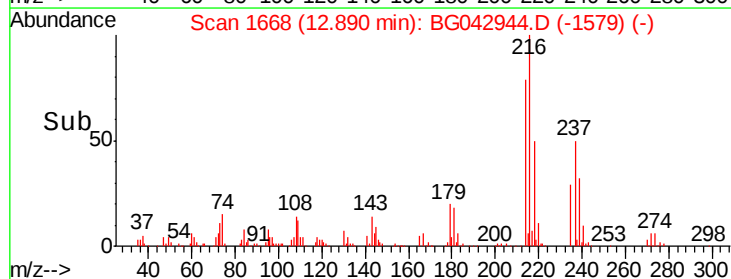
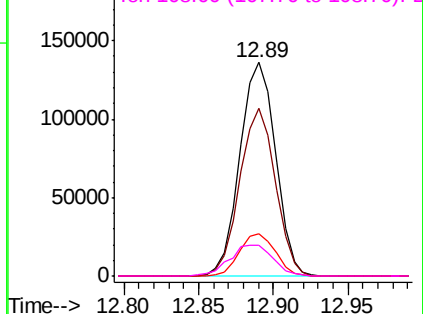
Abundance

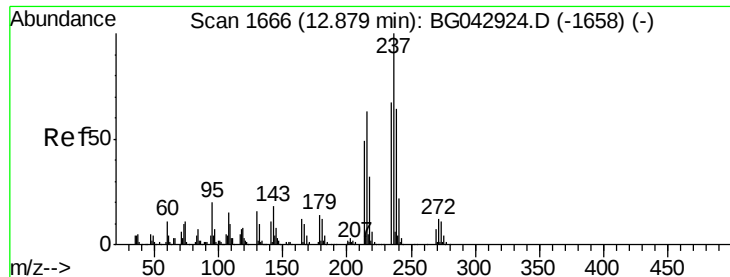
Ion 216.00 (215.70 to 216.70): E

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: 81.445 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

ClientSampled :

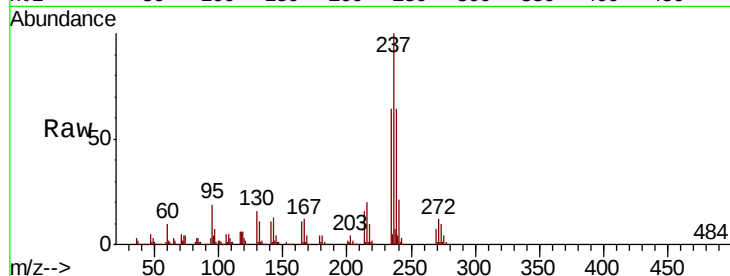
Tot Ion:237 Resp: 347363

Ion Ratio Lower Upper

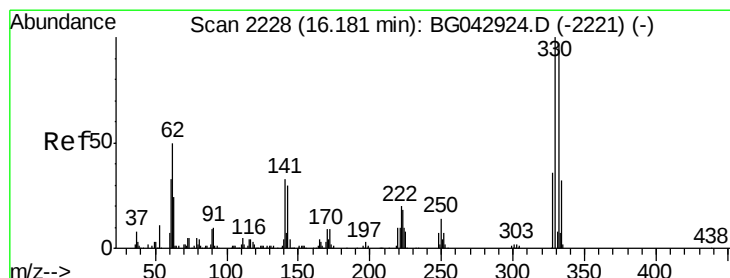
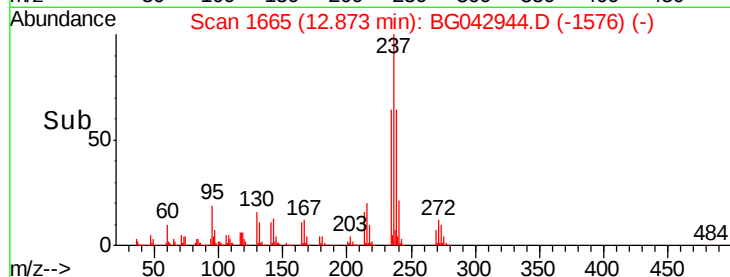
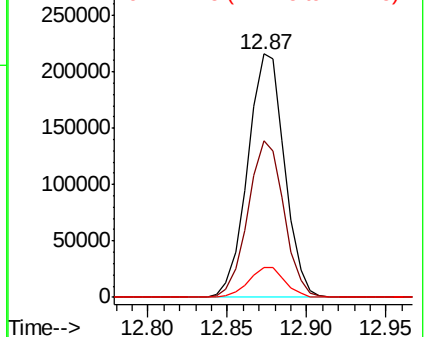
237 100

235 64.3 46.7 86.7

272 12.3 0.0 32.3



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: 99.117 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

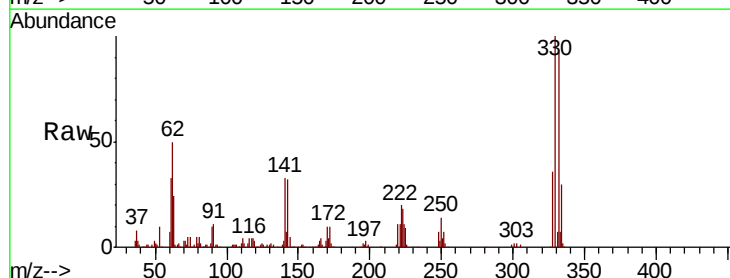
Tgt Ion:330 Resp: 303431

Ion Ratio Lower Upper

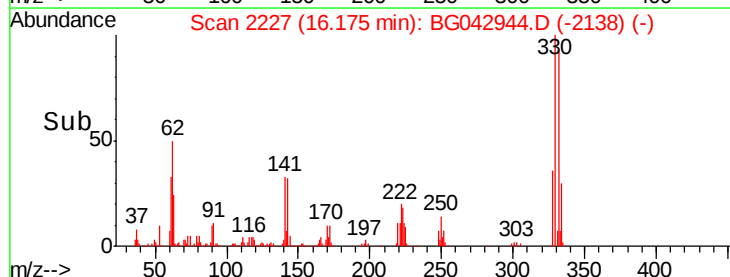
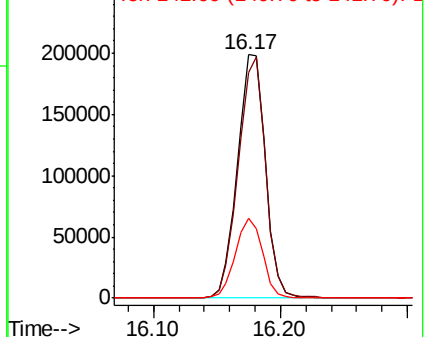
330 100

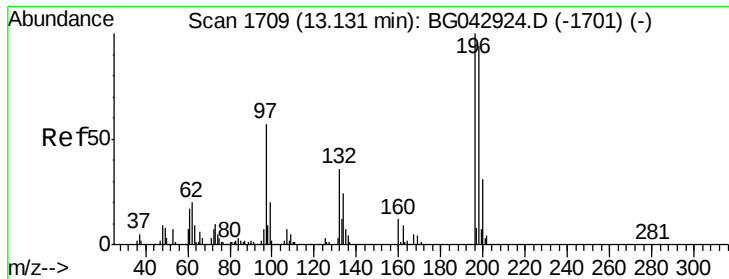
332 96.2 78.2 117.2

141 32.0 26.0 39.0



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

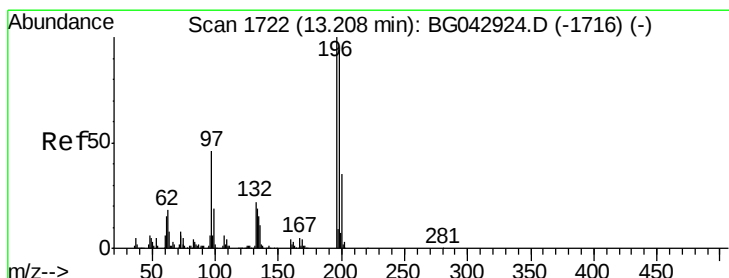
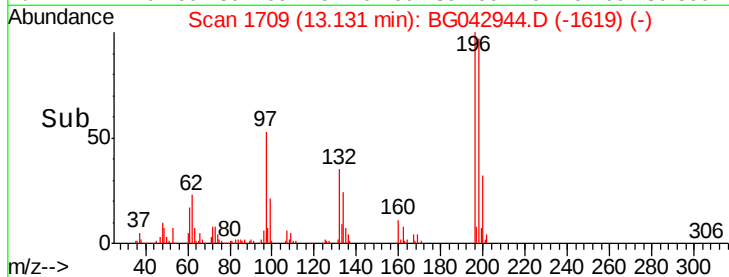
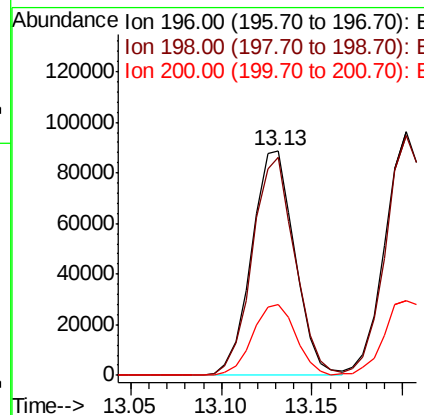
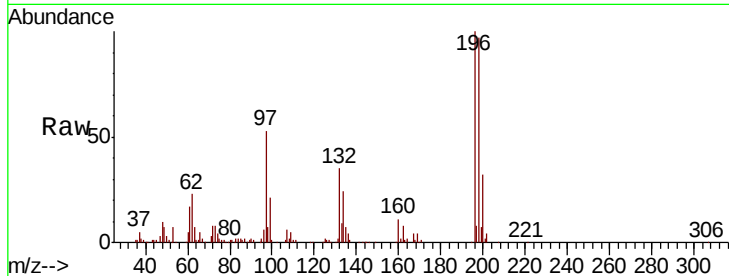




#43
 2,4,6-Trichlorophenol
 Concen: 37.359 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG042944.D
 Acq: 30 Sep 2019 15:44

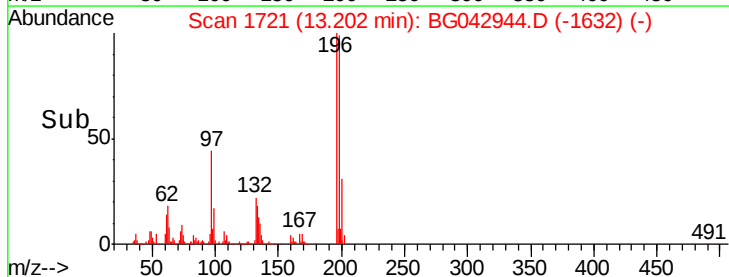
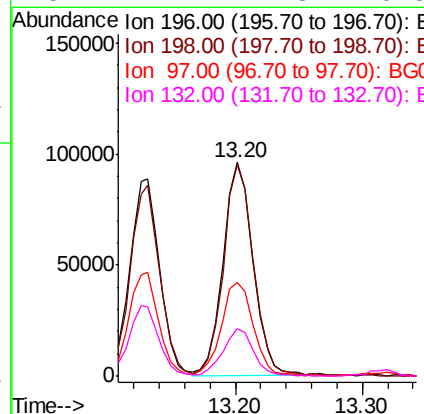
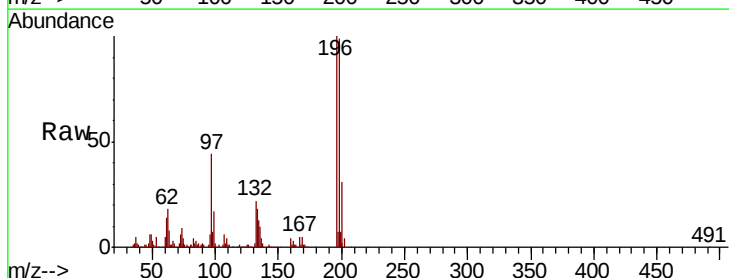
Instrument :
 BNA_G
 ClientSampleId :

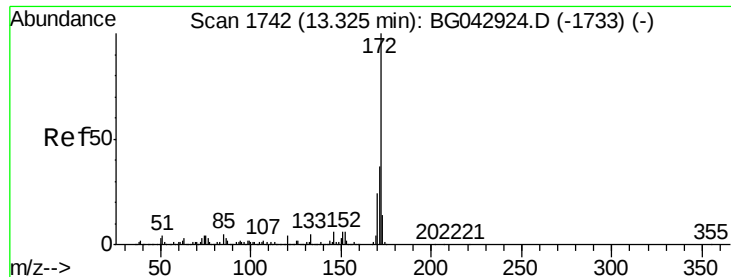
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.1	75.5	113.3
200	31.5	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 39.012 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG042944.D
 Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.6	75.1	112.7
97	43.6	37.0	55.4
132	22.1	17.5	26.3

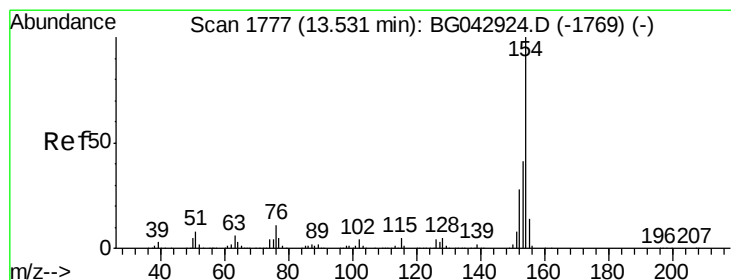
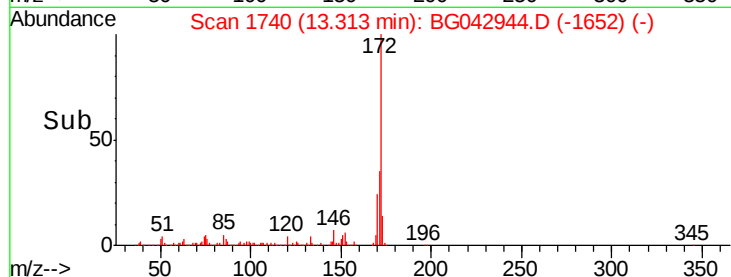
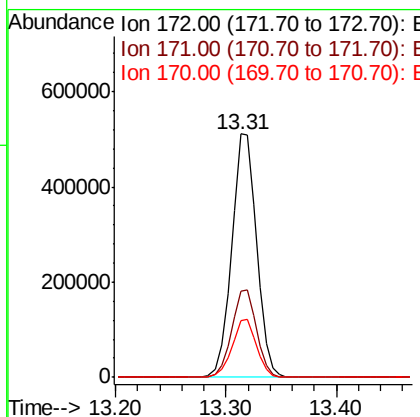
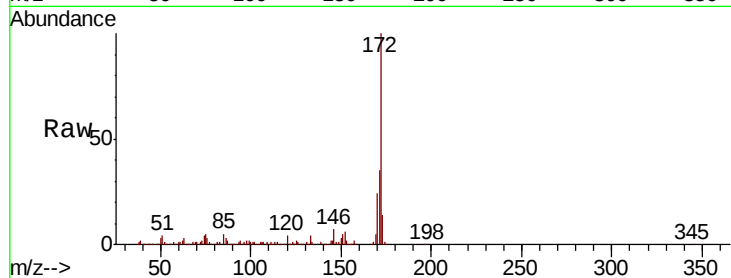




#45
2-Fluorobiphenyl
Concen: 65.808 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

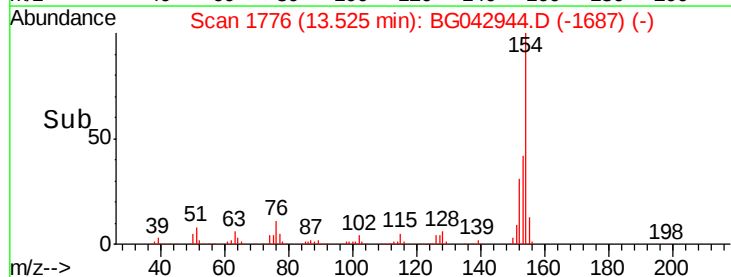
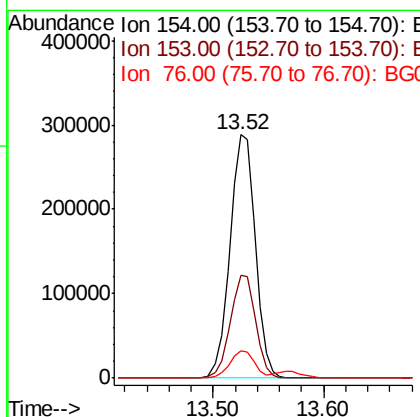
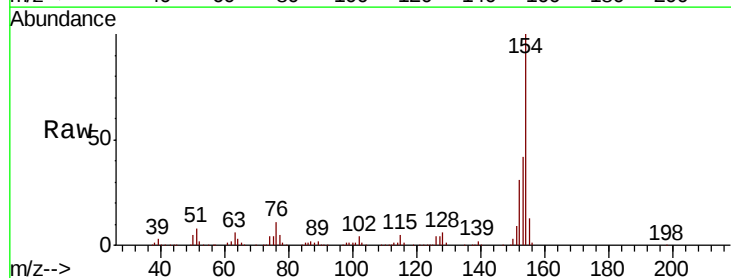
Instrument :
BNA_G
ClientSampleId :

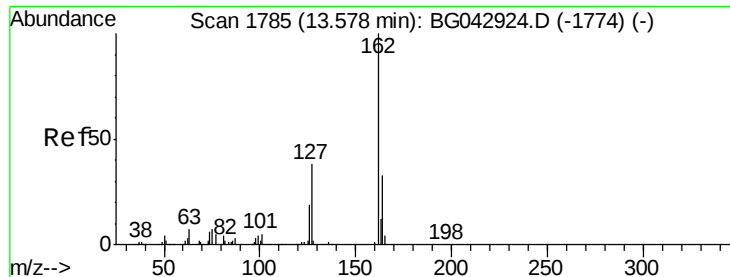
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	23.5	19.6	29.4



#46
1,1'-Biphenyl
Concen: 34.446 ng
RT: 13.52 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	21.4	61.4
76	11.3	0.0	31.3

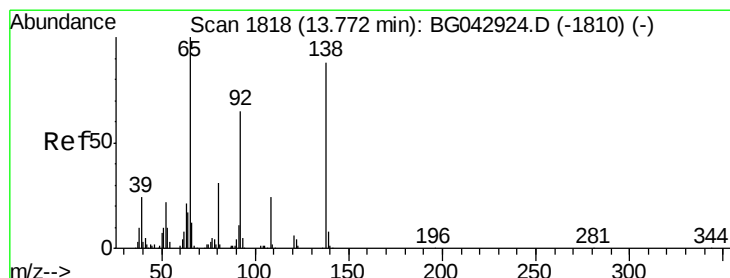
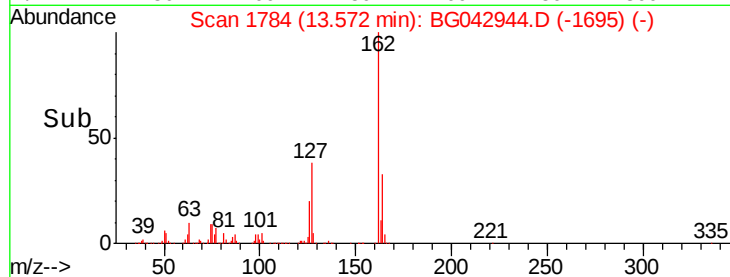
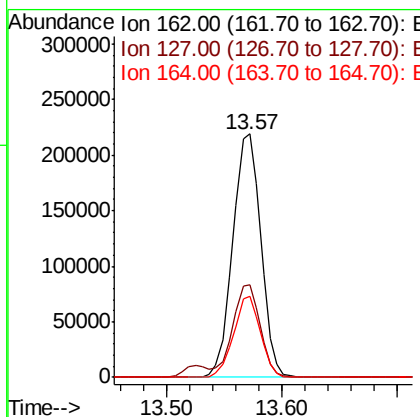
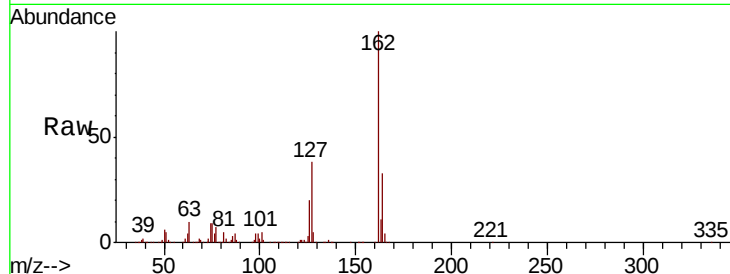




#47
 2-Chloronaphthalene
 Concen: 36.474 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG042944.D
 Acq: 30 Sep 2019 15:44

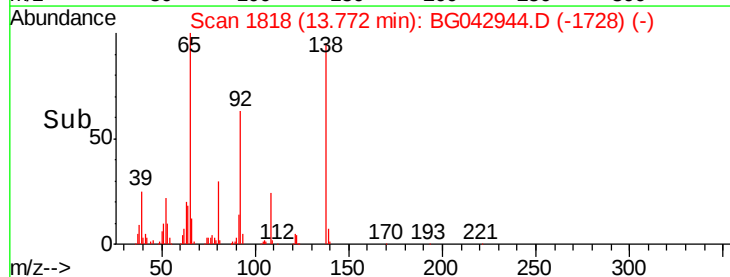
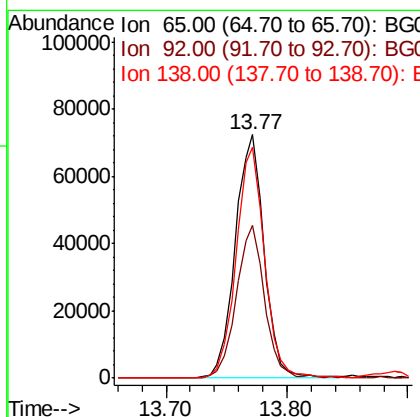
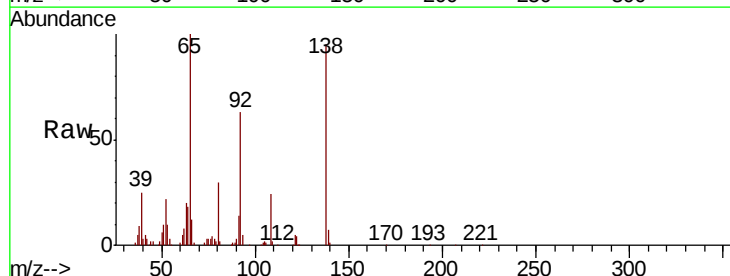
Instrument :
 BNA_G
 ClientSampled :

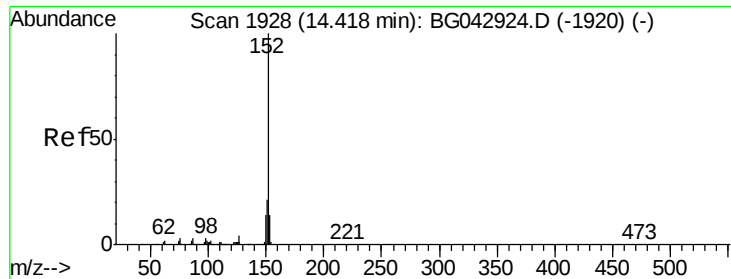
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	31.0	46.6
164	33.4	26.2	39.2



#48
 2-Nitroaniline
 Concen: 35.777 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BG042944.D
 Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.9	52.0	78.0
138	94.6	70.4	105.6





#49

Acenaphthylene

Concen: 38.450 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

ClientSampleId :

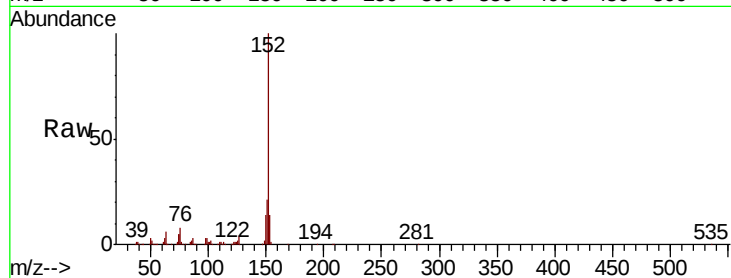
Tot Ion:152 Resp: 595541

Ion Ratio Lower Upper

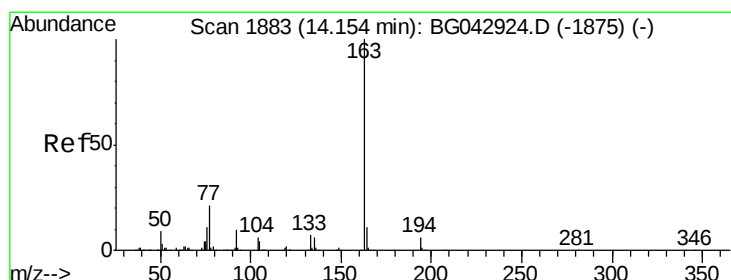
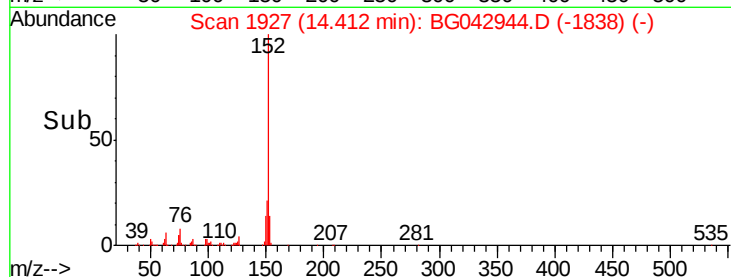
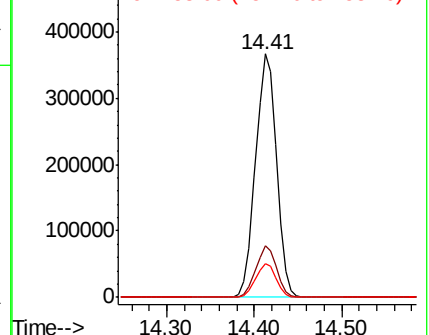
152 100

151 21.2 16.8 25.2

153 13.7 11.3 16.9



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: 42.655 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

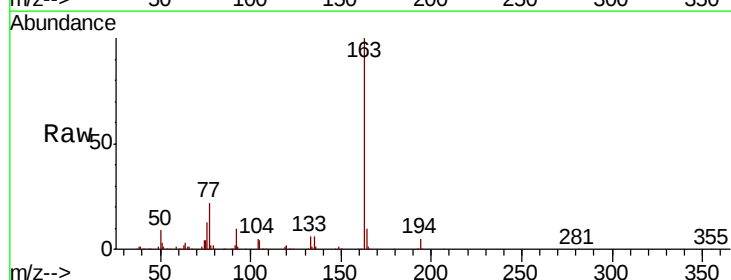
Tgt Ion:163 Resp: 568983

Ion Ratio Lower Upper

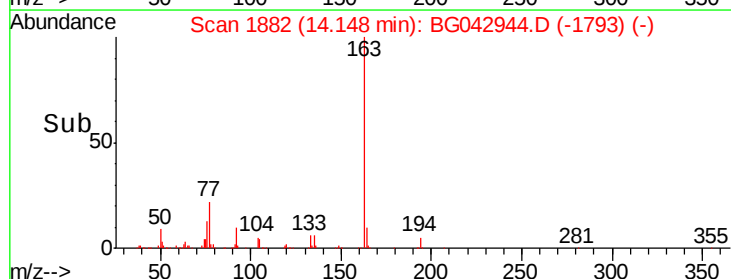
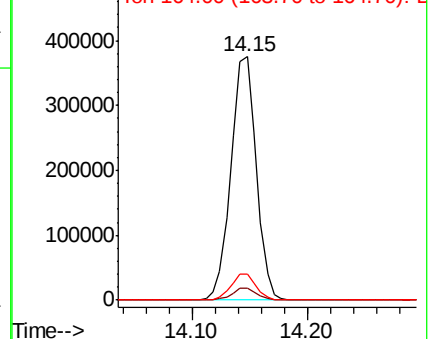
163 100

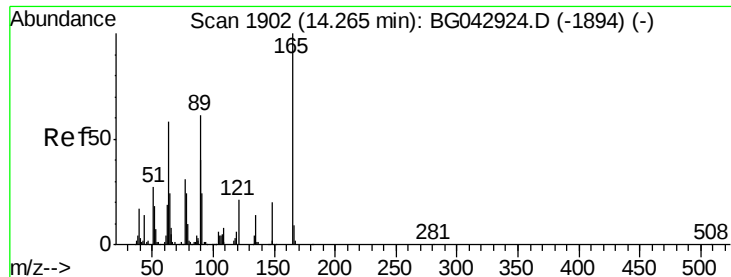
194 4.9 4.4 6.6

164 10.4 8.6 12.8



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: 37.541 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

ClientSampled :

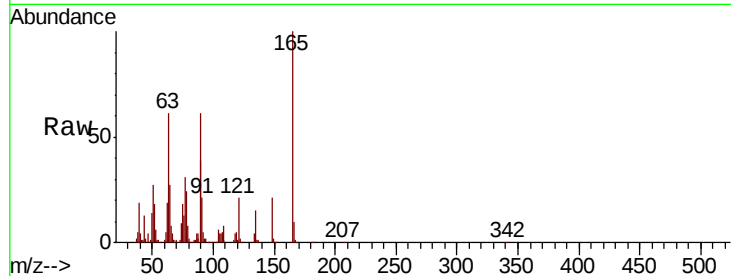
Tot Ion:165 Resp: 106640

Ion Ratio Lower Upper

165 100

63 60.8 50.3 75.5

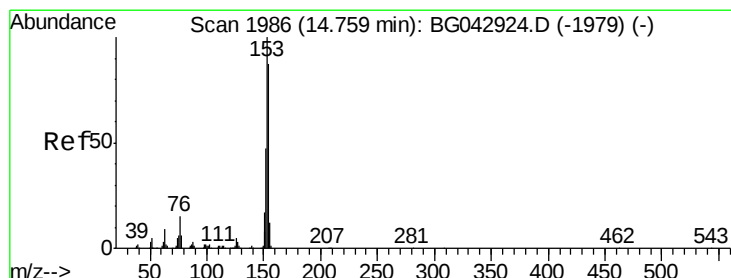
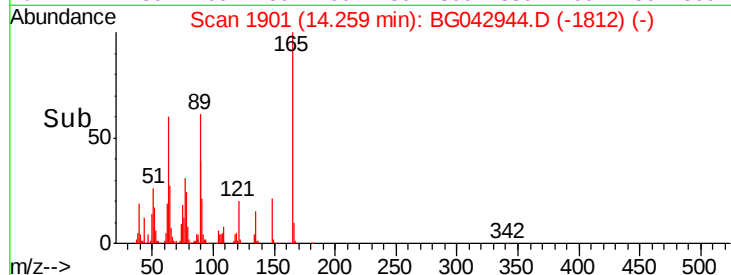
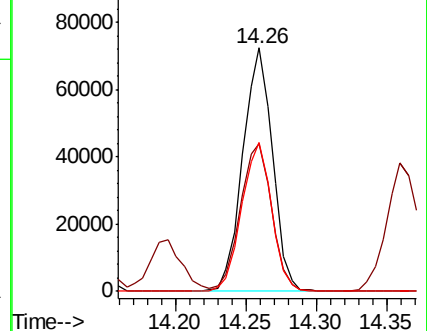
89 61.1 48.9 73.3



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: 35.854 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

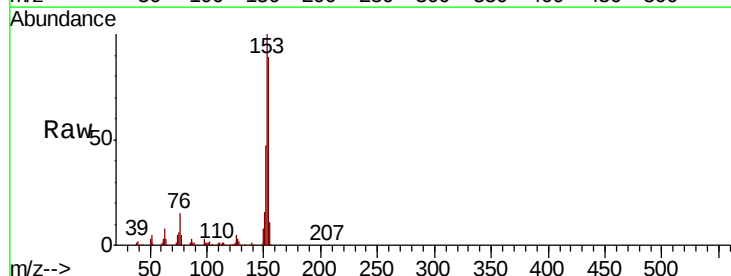
Tgt Ion:154 Resp: 371710

Ion Ratio Lower Upper

154 100

153 111.8 91.4 137.0

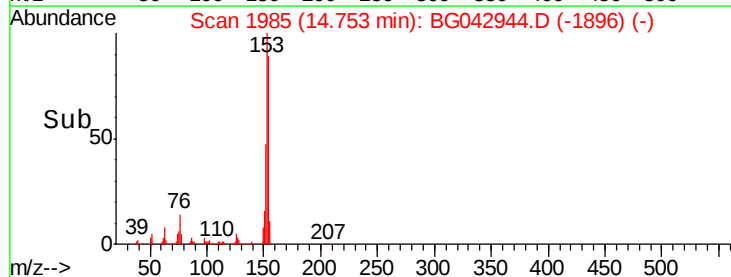
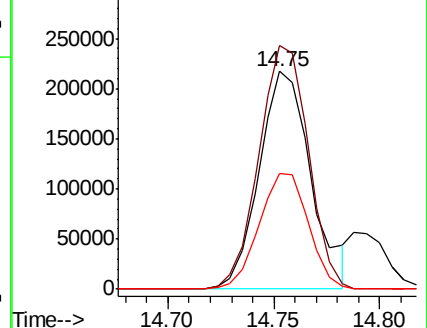
152 52.9 42.8 64.2

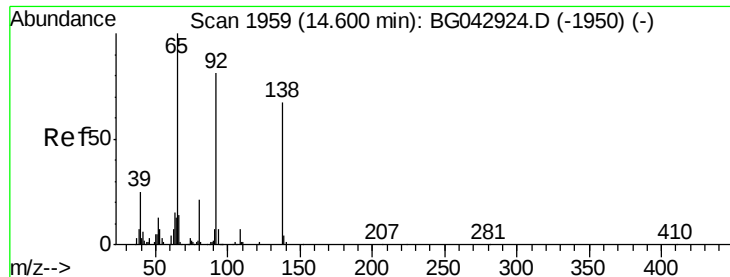


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 15.204 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

ClientSampleId :

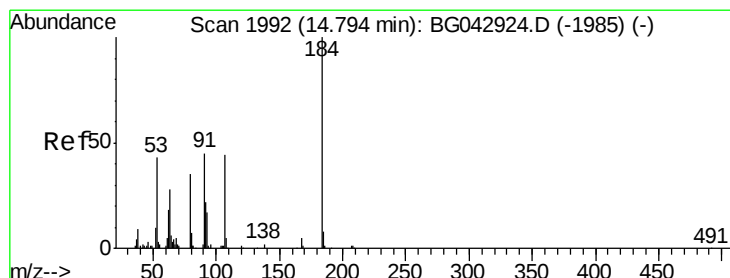
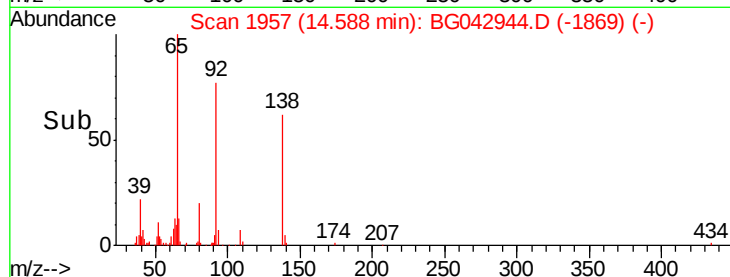
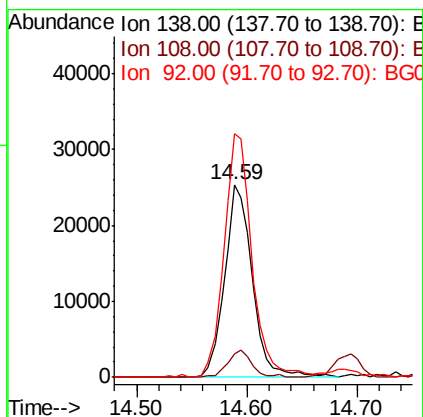
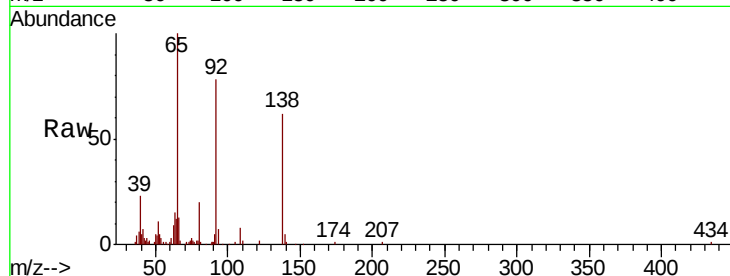
Tot Ion:138 Resp: 44633

Ion Ratio Lower Upper

138 100

108 12.2 7.9 11.9#

92 126.3 97.0 145.6



#54

2,4-Dinitrophenol

Concen: 80.998 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

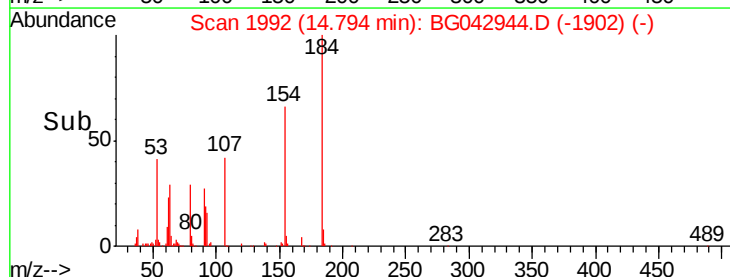
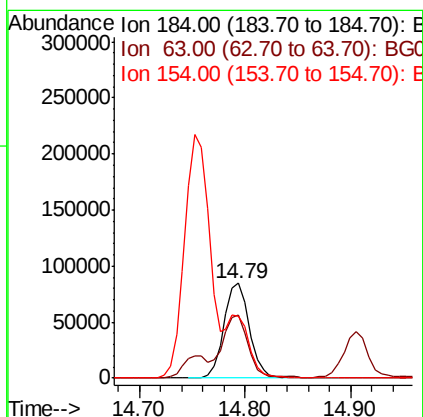
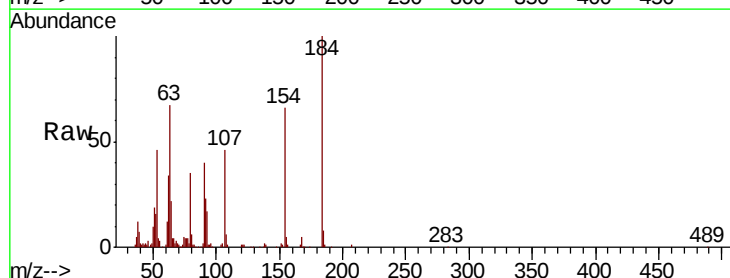
Tgt Ion:184 Resp: 143019

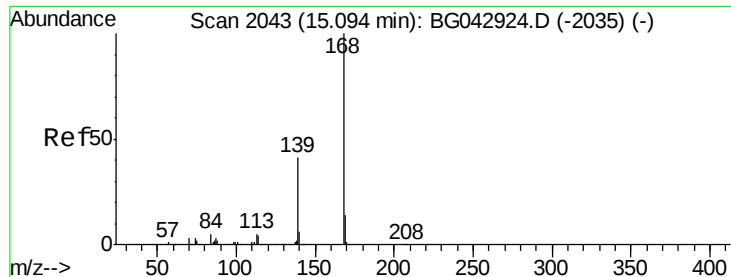
Ion Ratio Lower Upper

184 100

63 67.0 55.0 82.6

154 65.5 56.5 84.7

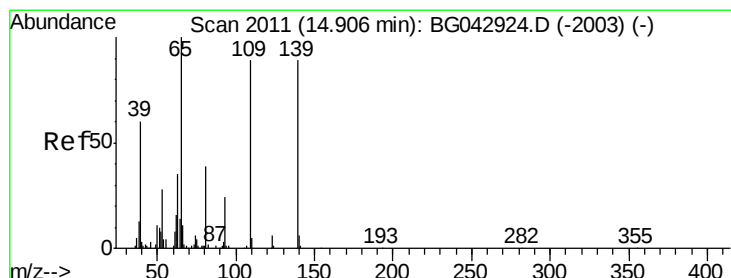
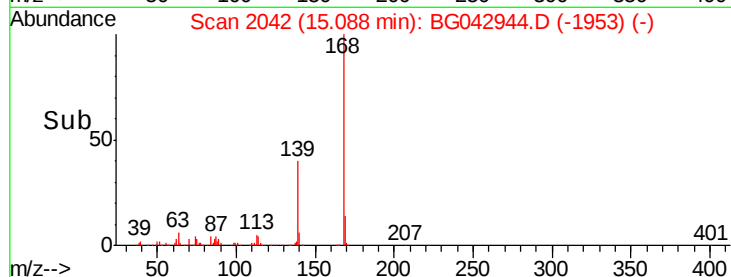
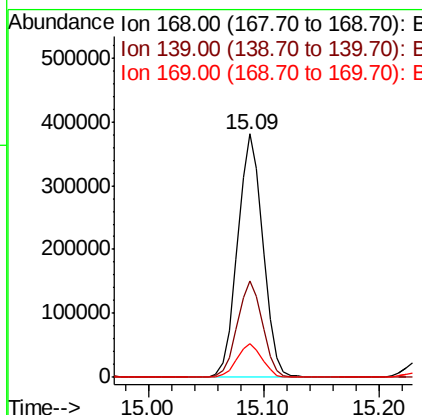
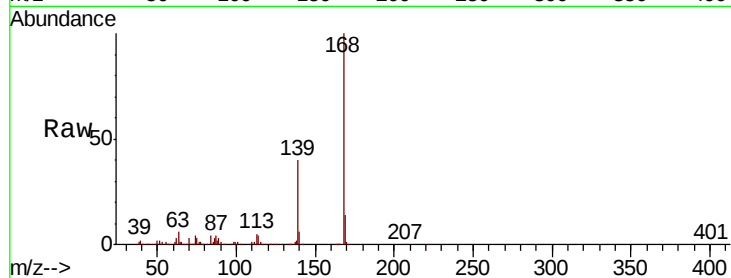




#55
Dibenzofuran
Concen: 37.687 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

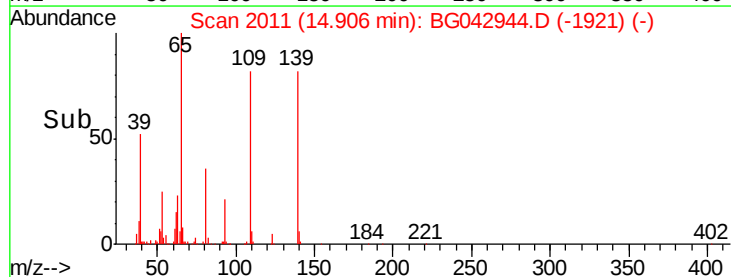
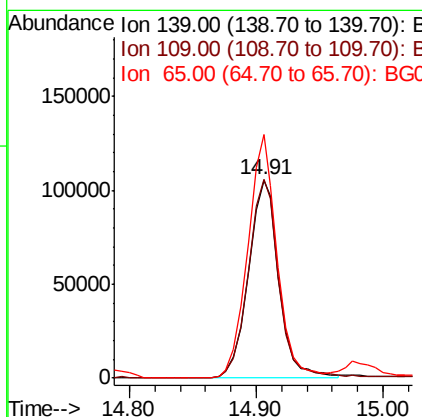
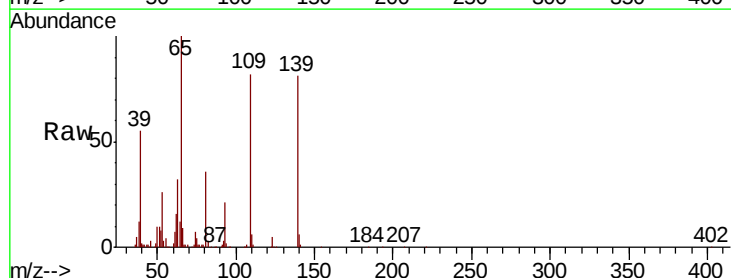
Instrument :
BNA_G
ClientSampled :

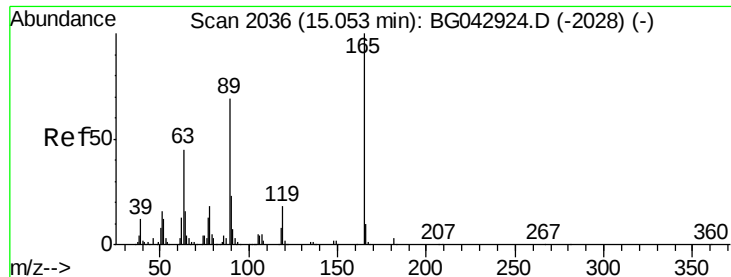
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	32.6	48.8
169	13.8	11.2	16.8



#56
4-Nitrophenol
Concen: 78.519 ng
RT: 14.91 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.6	79.4	119.4
65	123.0	92.5	132.5





#57

2,4-Dinitrotoluene

Concen: 37.262 ng

RT: 15.04 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 155005

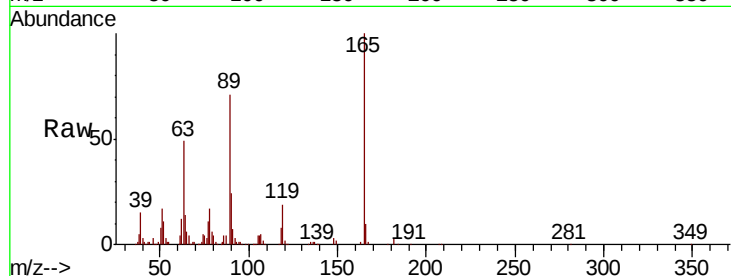
Ion Ratio Lower Upper

165 100

63 48.6 36.5 54.7

89 71.0 55.5 83.3

182 2.9 2.4 3.6

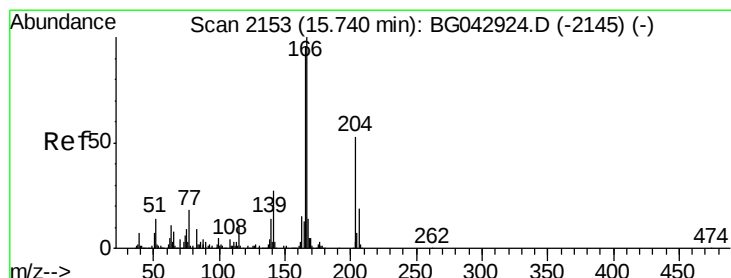
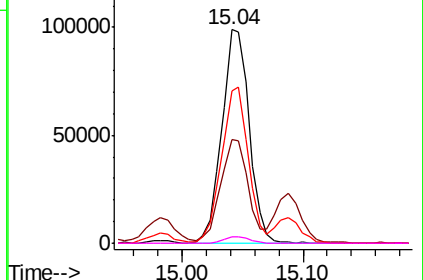
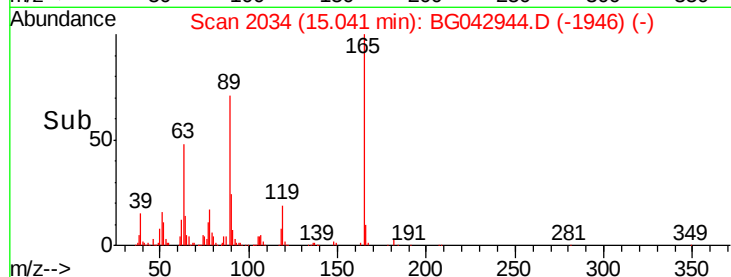


Abundance Ion 165.00 (164.70 to 165.70): E

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: 36.969 ng

RT: 15.73 min Scan# 2152

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

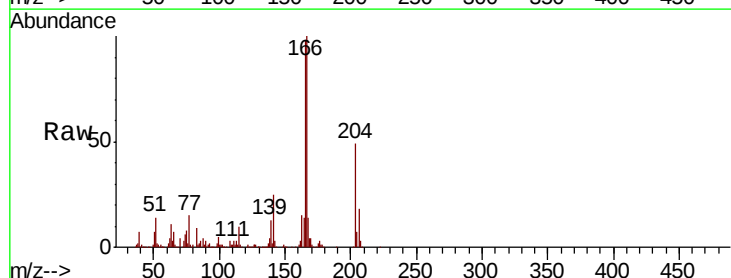
Tgt Ion:166 Resp: 484044

Ion Ratio Lower Upper

166 100

165 98.0 77.1 115.7

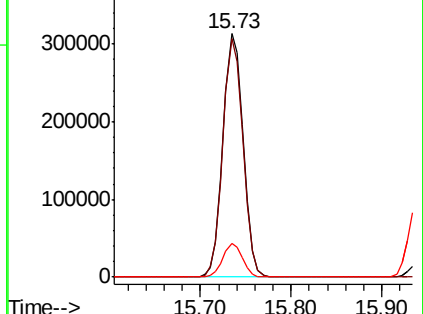
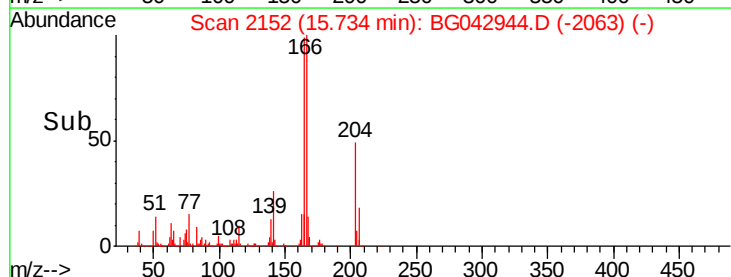
167 13.8 11.0 16.6

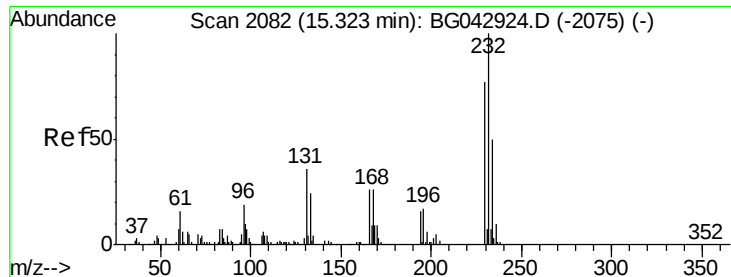


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

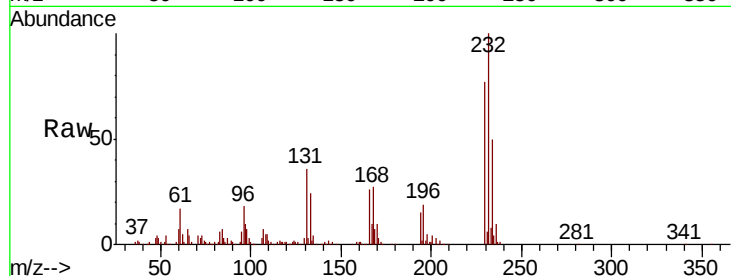




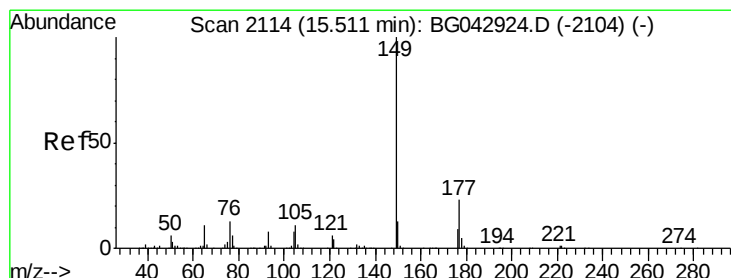
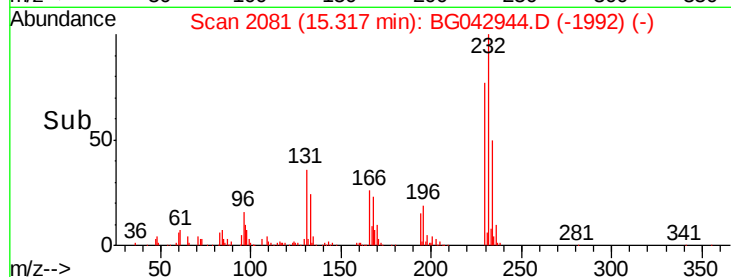
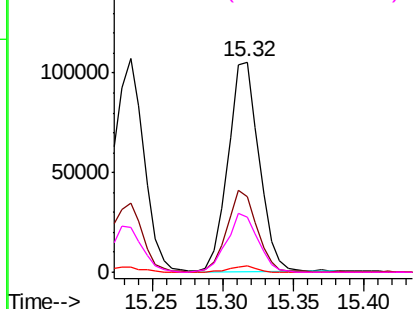
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.541 ng
RT: 15.32 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232	Resp:	161327
Ion Ratio	Lower	Upper
232	100	
131	37.5	29.6 44.4
130	2.6	1.9 2.9
166	28.2	21.8 32.8

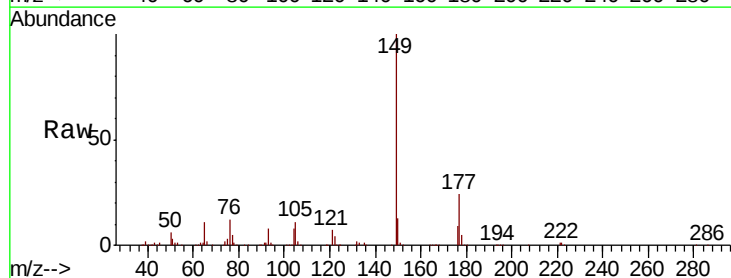


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

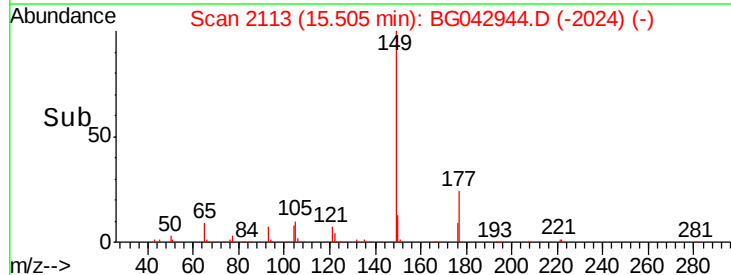
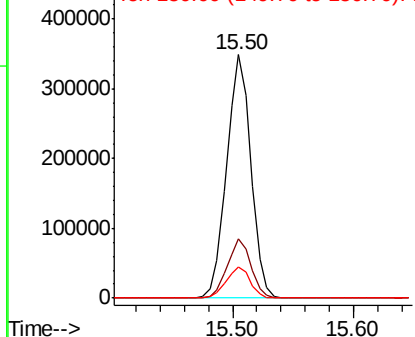


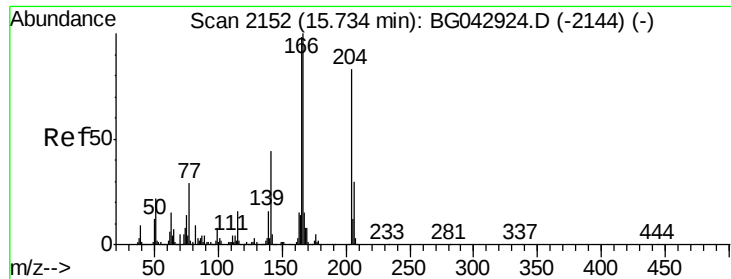
#60
Diethylphthalate
Concen: 35.674 ng
RT: 15.50 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Tgt Ion:149	Resp:	484282
Ion Ratio	Lower	Upper
149	100	
177	24.4	18.8 28.2
150	12.8	10.6 15.8



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

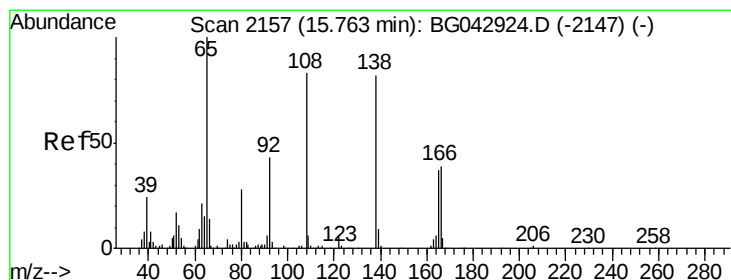
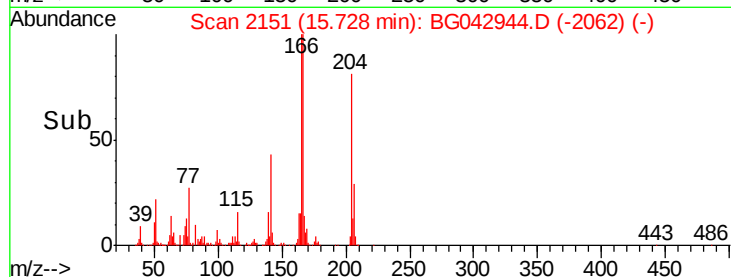
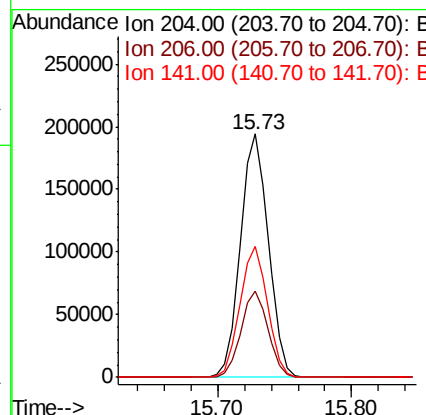
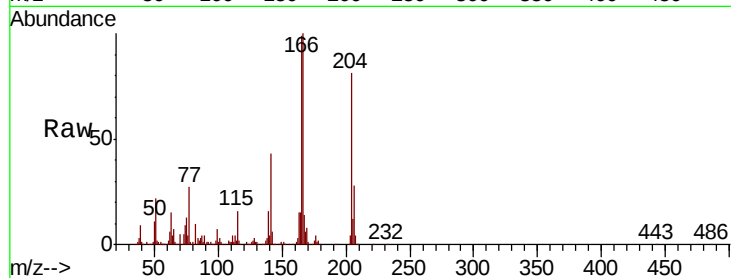




#61
4-Chlorophenyl-phenylether
Concen: 35.850 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

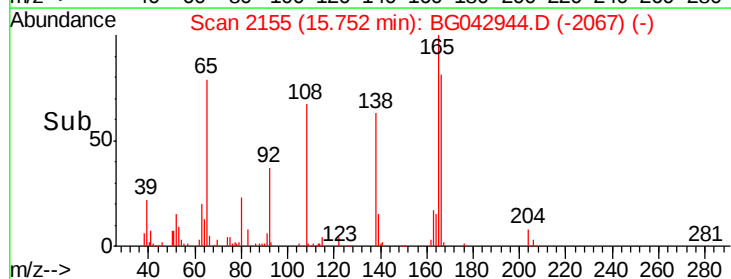
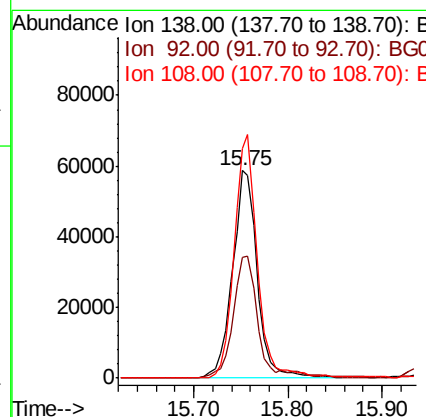
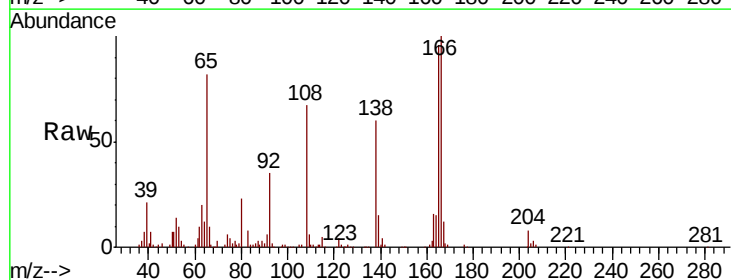
Instrument :
BNA_G
ClientSampled :

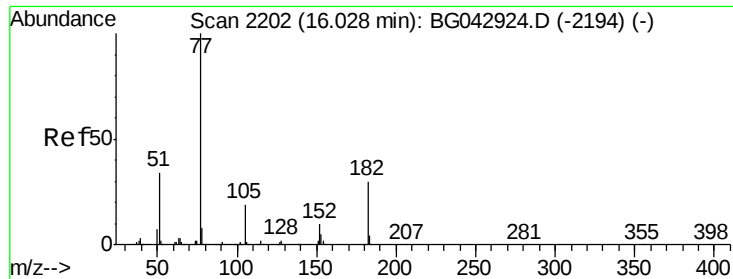
Tot Ion:204 Resp: 281510
Ion Ratio Lower Upper
204 100
206 35.1 28.5 42.7
141 53.7 42.4 63.6



#62
4-Nitroaniline
Concen: 33.697 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Tgt Ion:138 Resp: 107887
Ion Ratio Lower Upper
138 100
92 58.1 32.9 72.9
108 110.8 81.3 121.3





#63

Azobenzene

Concen: 36.504 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 451160

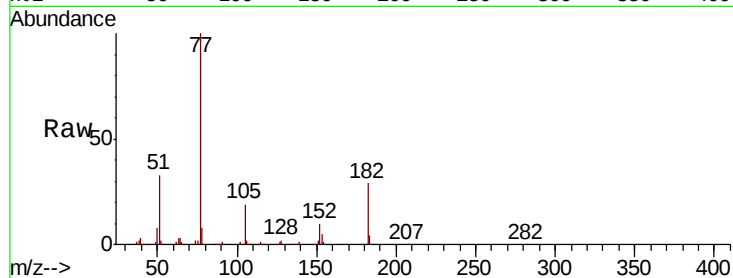
Ion Ratio Lower Upper

77 100

182 29.0 10.2 50.2

105 18.9 0.0 39.1

51 33.4 13.9 53.9

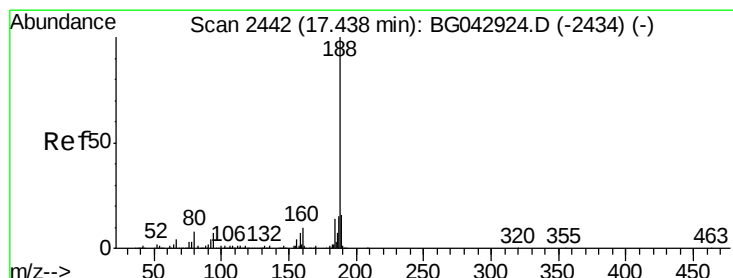
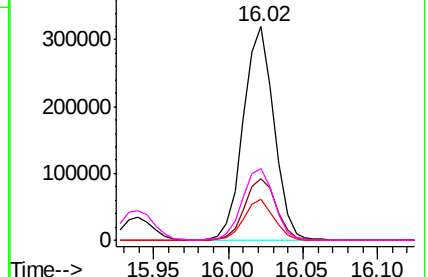
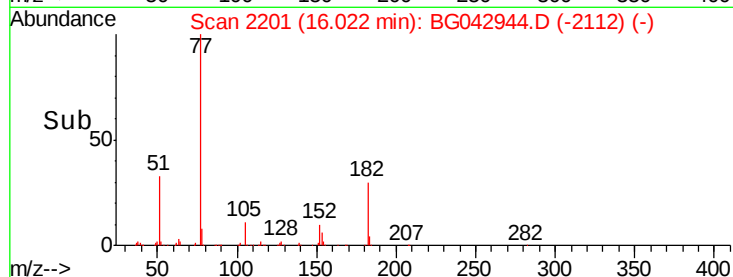


Abundance Ion 77.00 (76.70 to 77.70): BGC

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. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

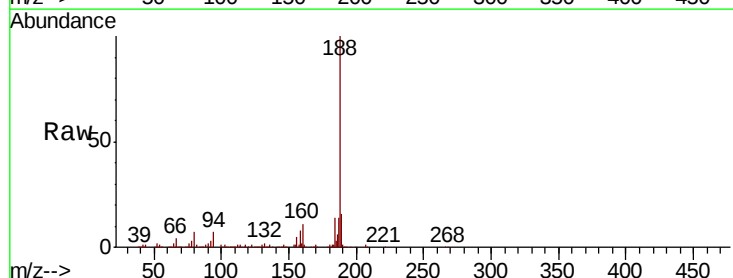
Tgt Ion: 188 Resp: 431180

Ion Ratio Lower Upper

188 100

94 6.6 5.7 8.5

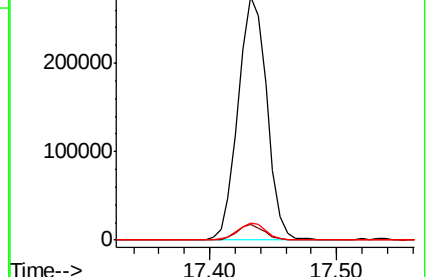
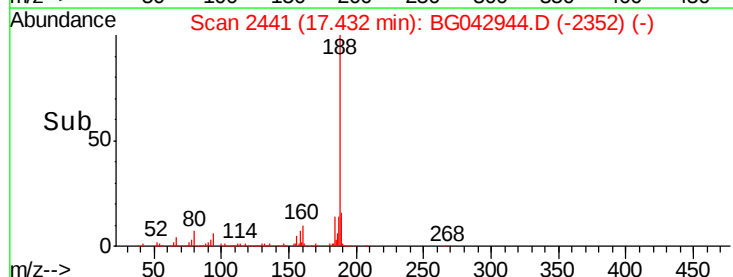
80 7.2 6.5 9.7

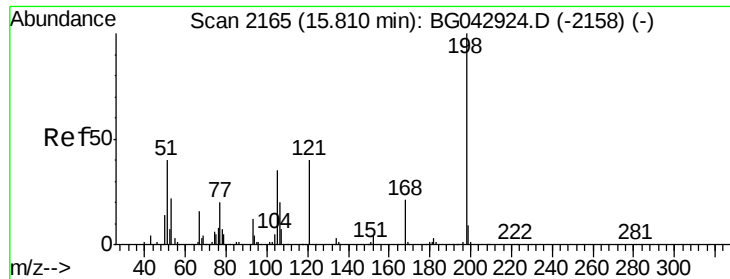


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 38.991 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

ClientSampleId :

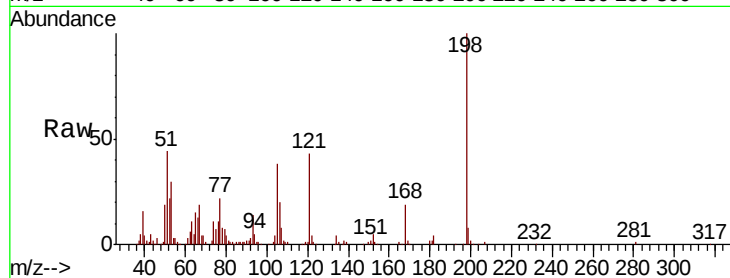
Tot Ion:198 Resp: 95133

Ion	Ratio	Lower	Upper
198	100		
51	43.9	25.3	65.3
105	38.1	16.6	56.6

198 100

51 43.9 25.3 65.3

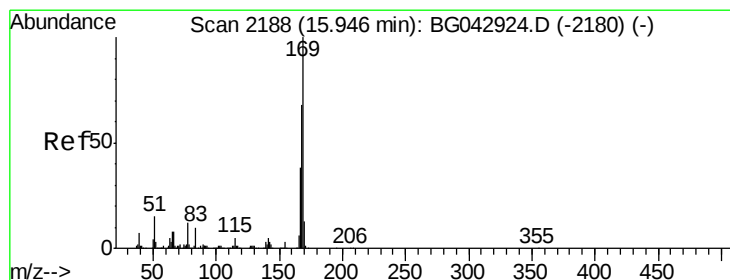
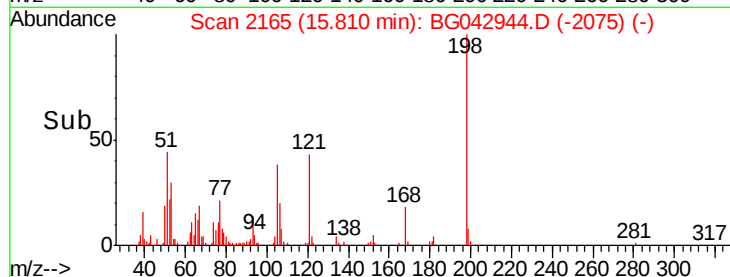
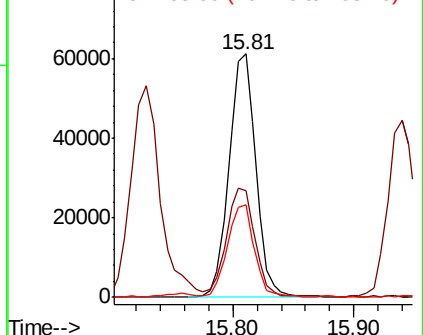
105 38.1 16.6 56.6



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: 38.216 ng

RT: 15.94 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

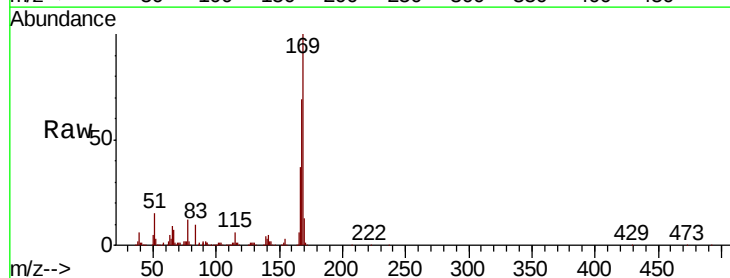
Tgt Ion:169 Resp: 435000

Ion	Ratio	Lower	Upper
169	100		
168	68.9	54.8	82.2
167	36.8	30.6	46.0

169 100

168 68.9 54.8 82.2

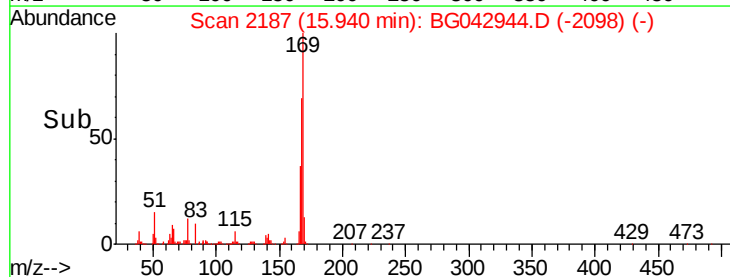
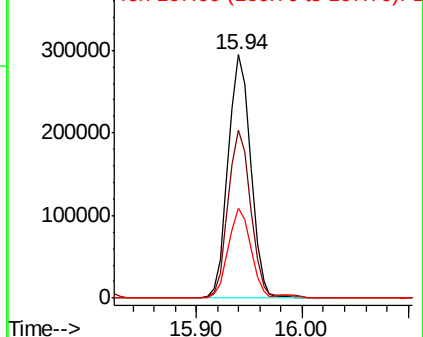
167 36.8 30.6 46.0

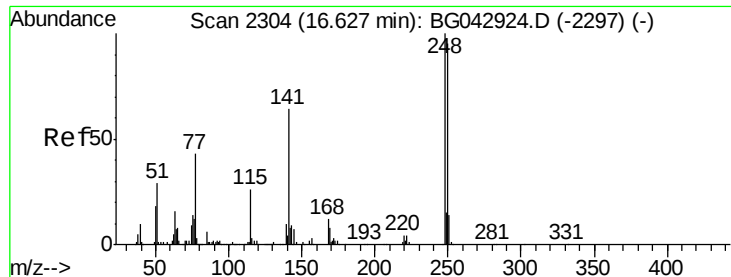


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

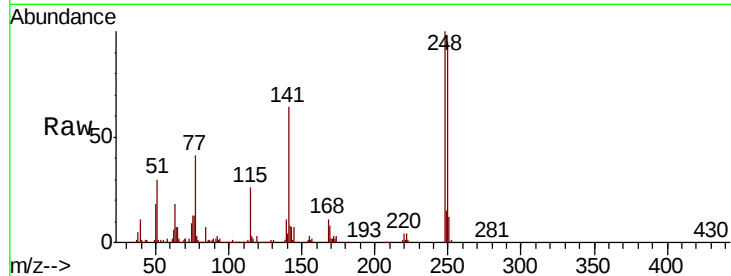




#67
4-Bromophenyl-phenylether
Concen: 36.453 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.8	75.8	113.8
141	64.2	51.1	76.7

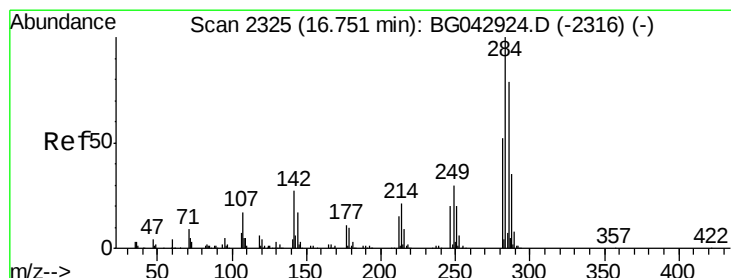
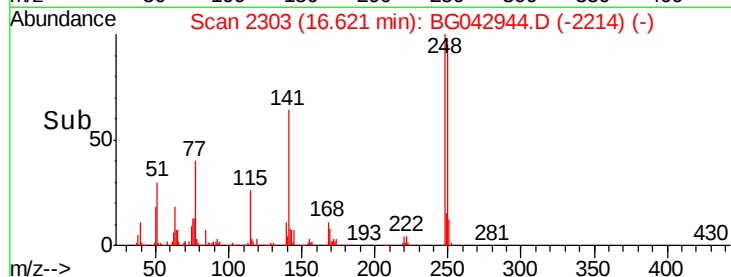
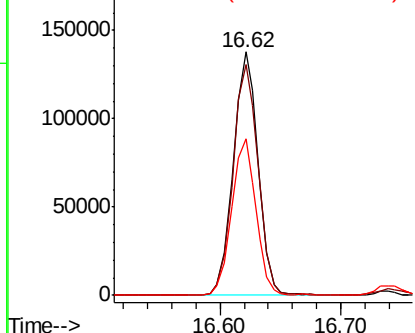


Abundance

Ion 248.00 (247.70 to 248.70): E

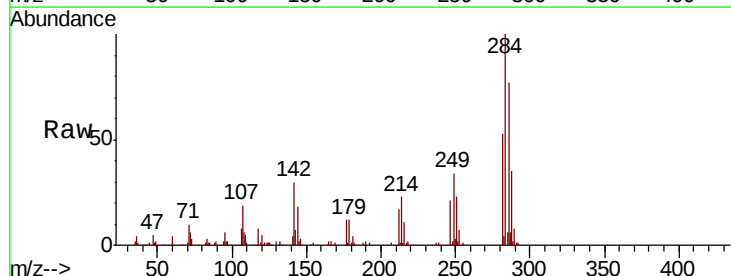
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 35.061 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.7	21.6	32.4
249	33.5	24.1	36.1

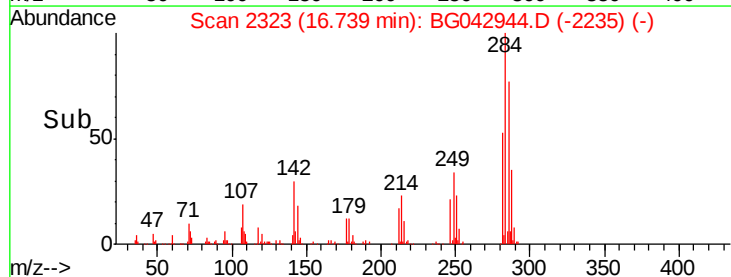
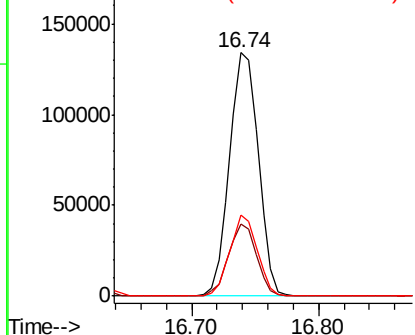


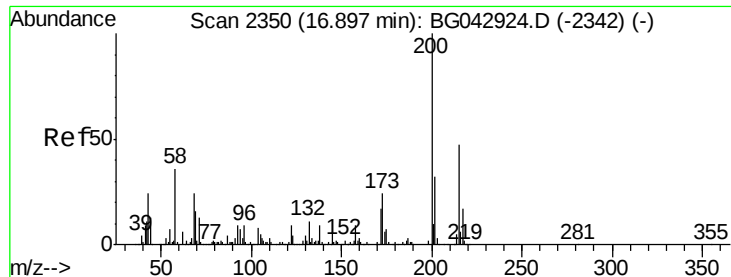
Abundance

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: 35.098 ng

RT: 16.89 min Scan# 2348

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

ClientSampleId :

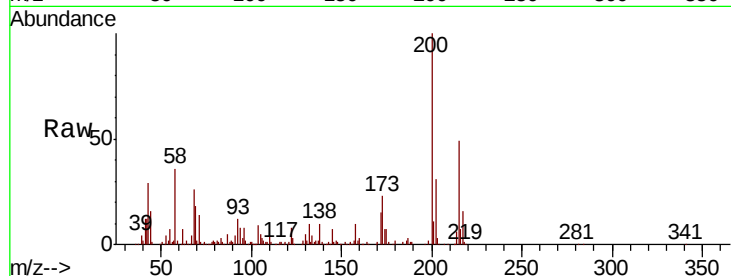
Tot Ion:200 Resp: 168229

Ion Ratio Lower Upper

200 100

173 23.2 4.0 44.0

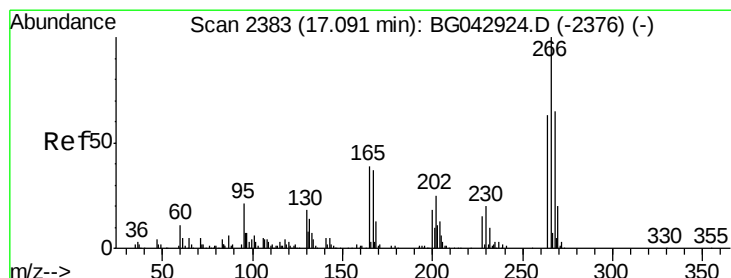
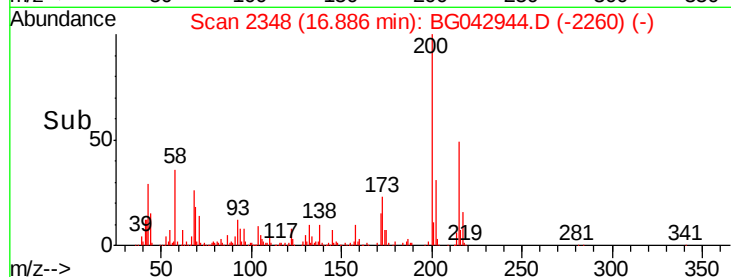
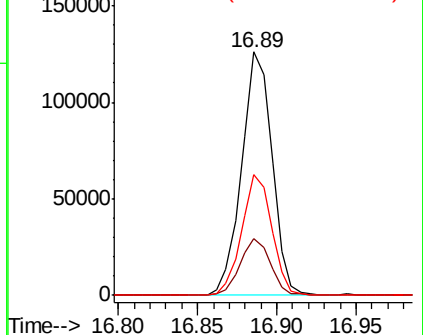
215 49.4 27.4 67.4



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: 79.992 ng

RT: 17.09 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

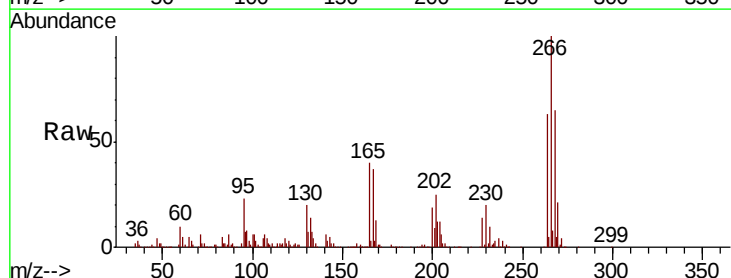
Tgt Ion:266 Resp: 278125

Ion Ratio Lower Upper

266 100

268 64.8 52.2 78.2

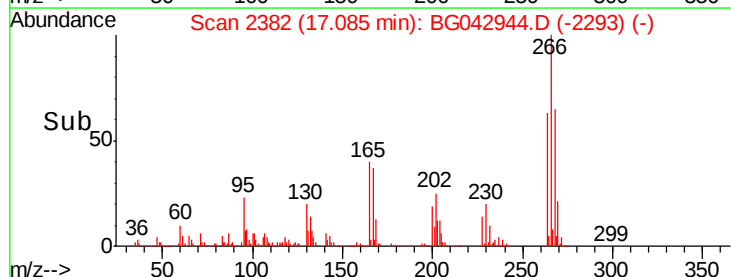
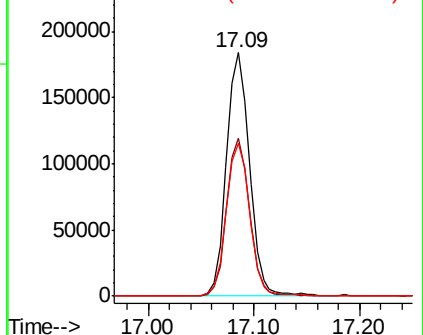
264 62.9 50.7 76.1

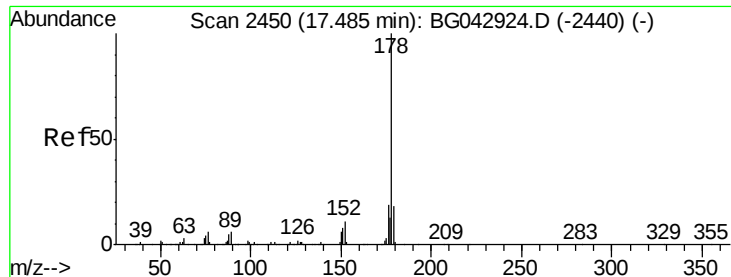


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

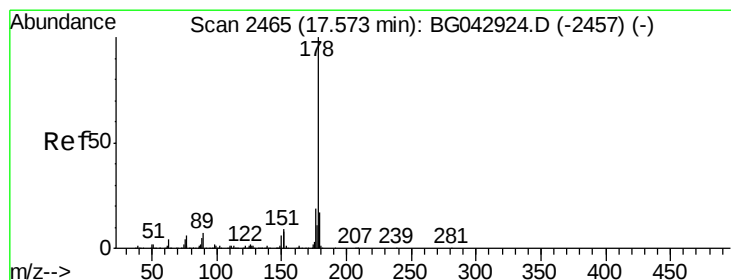
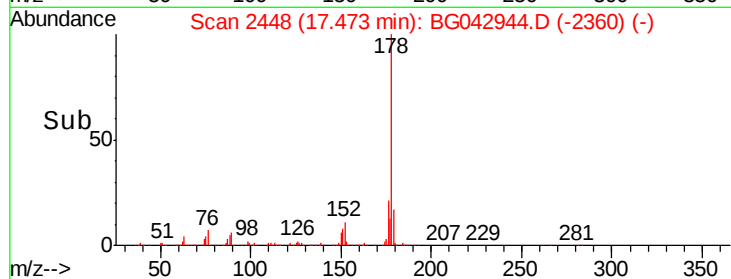
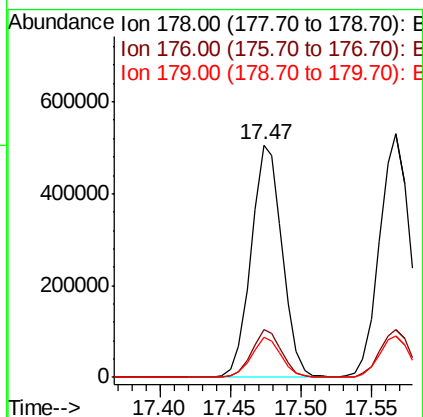
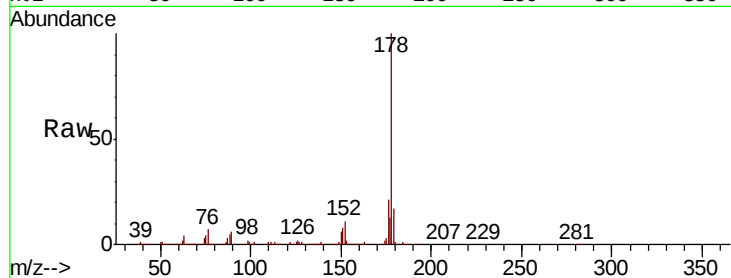




#71
Phenanthrene
Concen: 37.040 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

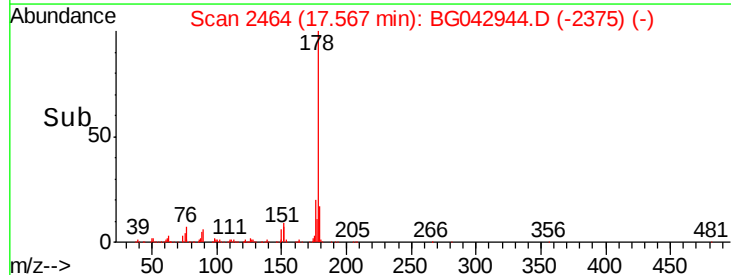
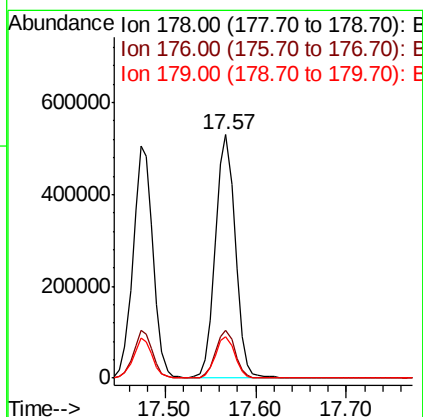
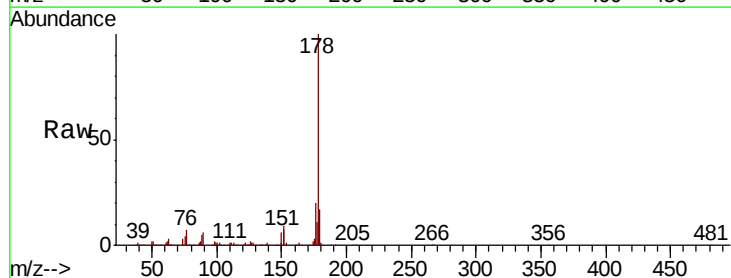
Instrument :
BNA_G
ClientSampleId :

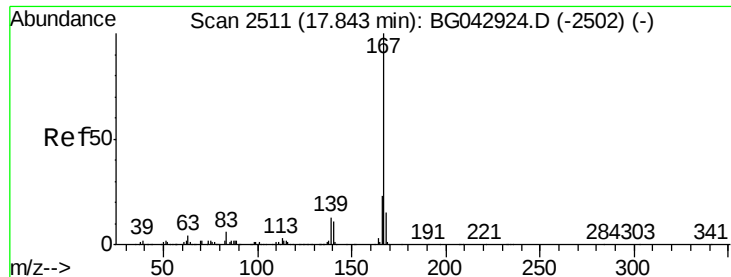
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.1	22.7
179	17.3	14.1	21.1



#72
Anthracene
Concen: 38.213 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	17.2	13.5	20.3





#73

Carbazole

Concen: 37.827 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

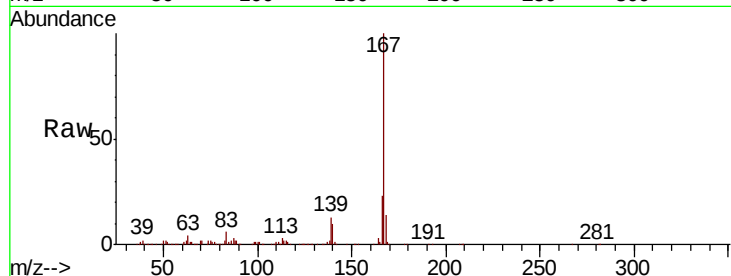
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 737159

Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.6	28.0
139	13.0	10.8	16.2

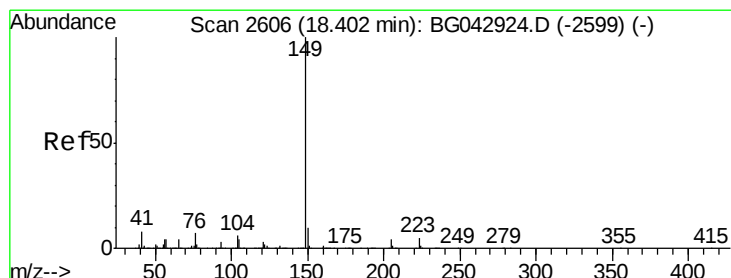
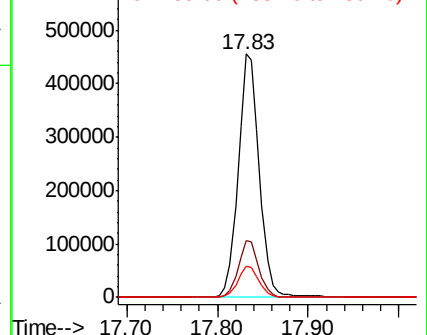
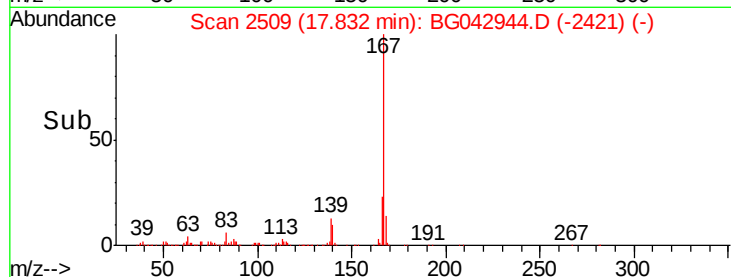


Abundance

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: 36.696 ng

RT: 18.40 min Scan# 2605

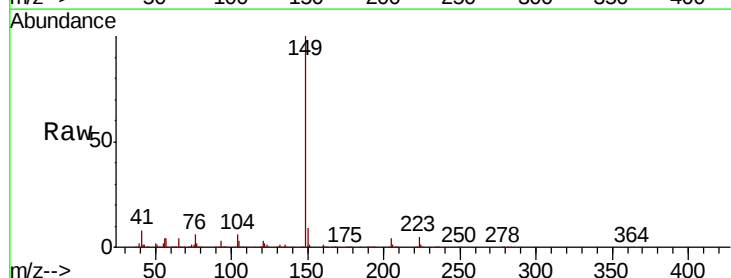
Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Tgt Ion:149 Resp: 853218

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	6.3	5.0	7.6

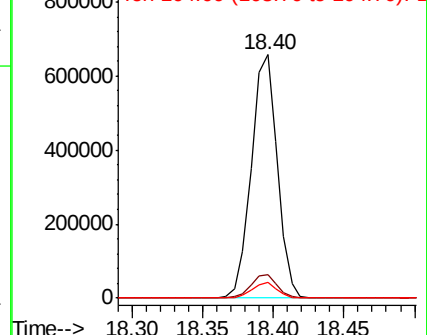
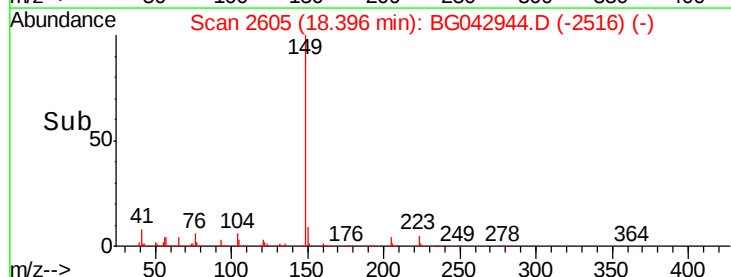


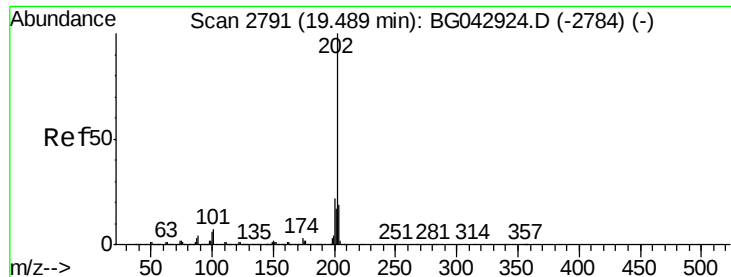
Abundance

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: 37.569 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

ClientSampleId :

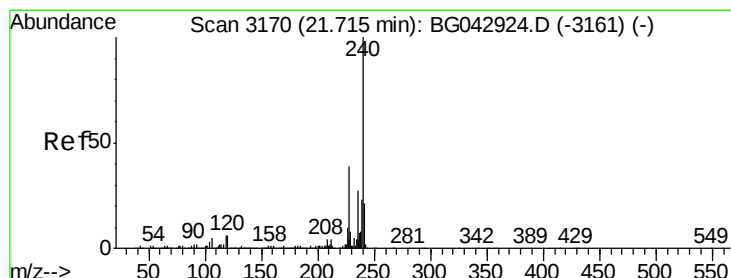
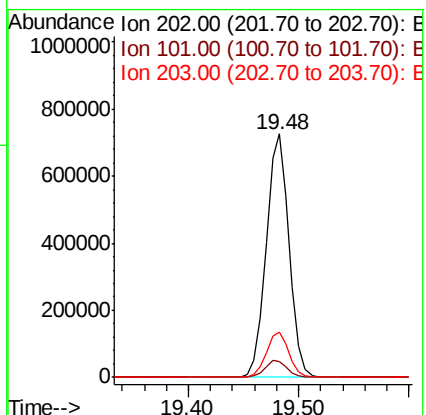
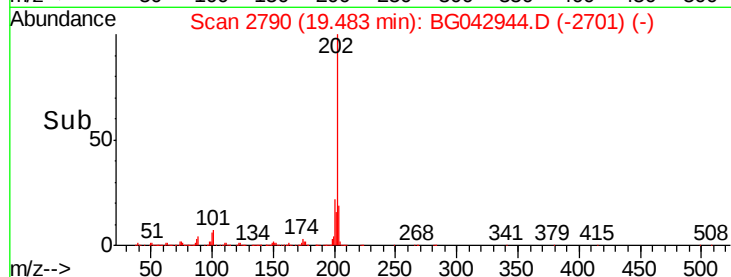
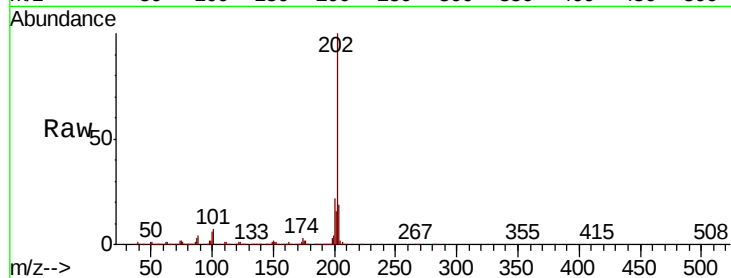
Tot Ion:202 Resp: 1046030

Ion Ratio Lower Upper

202 100

101 6.7 0.0 27.3

203 18.8 0.0 39.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

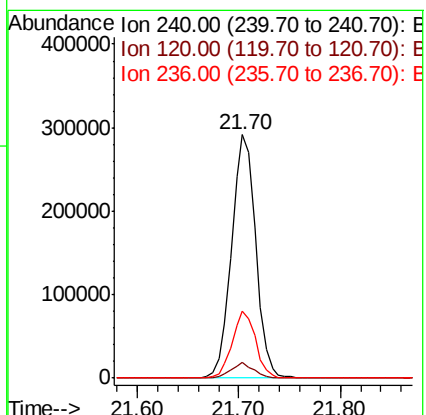
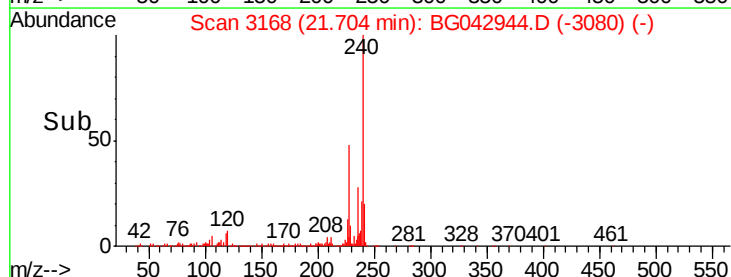
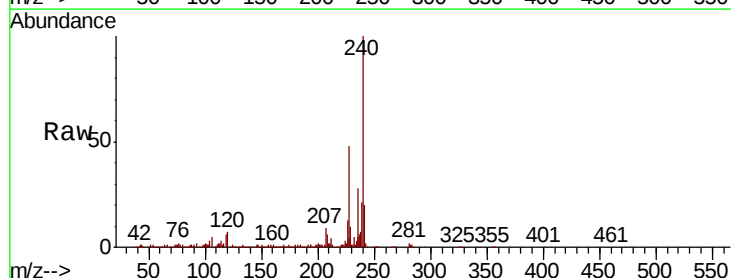
Tgt Ion:240 Resp: 481385

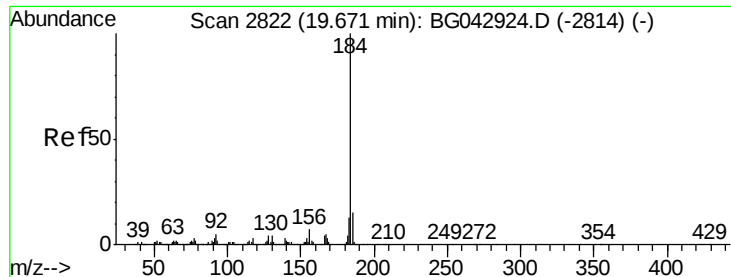
Ion Ratio Lower Upper

240 100

120 6.7 4.8 7.2

236 27.7 21.4 32.0





#77

Benzidine

Concen: 43.846 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

ClientSampleId :

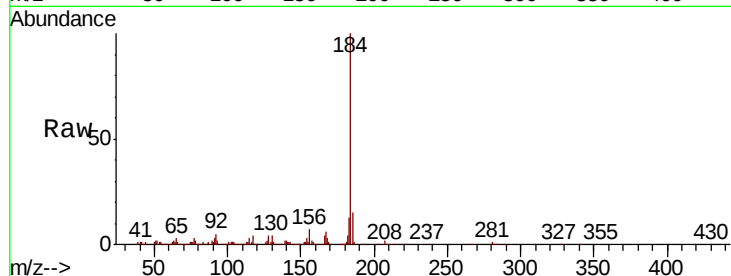
Tot Ion:184 Resp: 528492

Ion Ratio Lower Upper

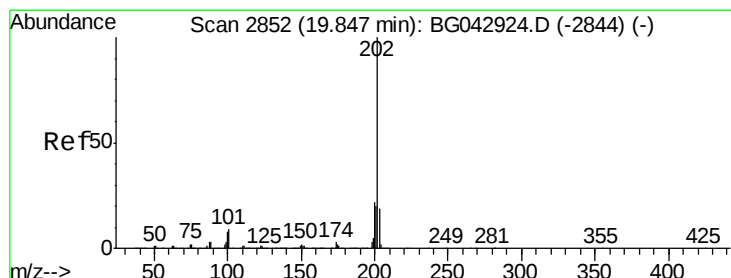
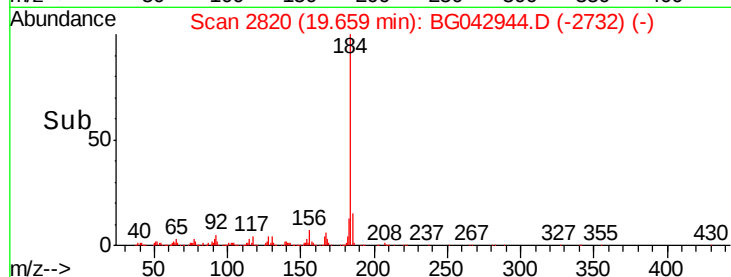
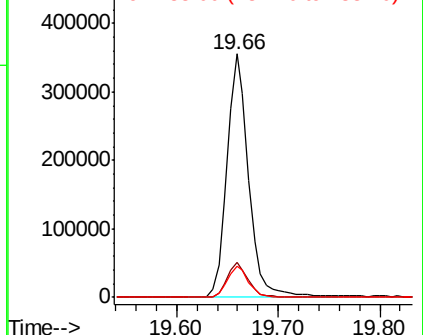
184 100

185 14.5 11.8 17.8

183 12.7 10.1 15.1



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: 37.465 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

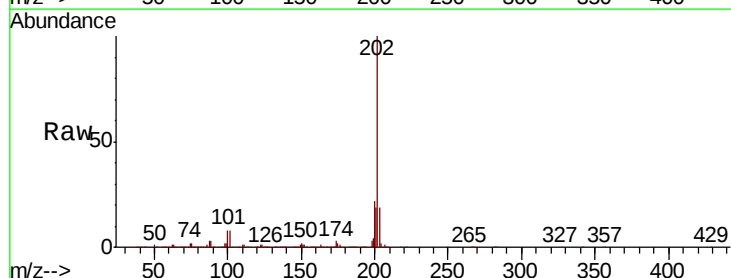
Tgt Ion:202 Resp: 1076447

Ion Ratio Lower Upper

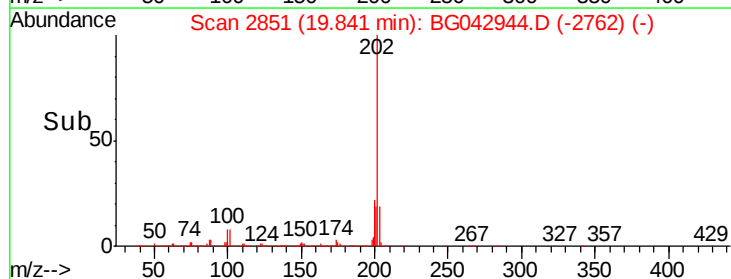
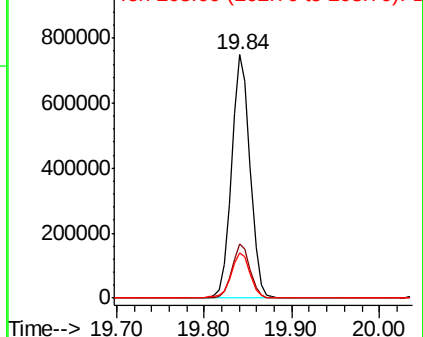
202 100

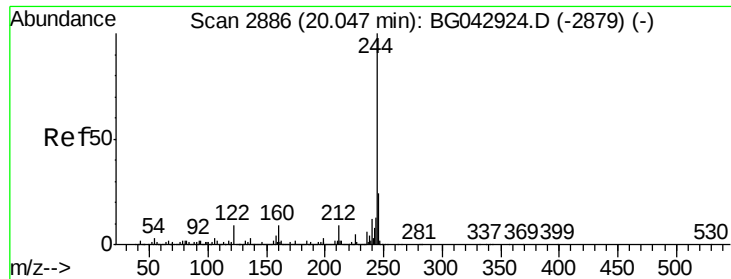
200 22.3 17.6 26.4

203 18.5 15.2 22.8



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: 65.833 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

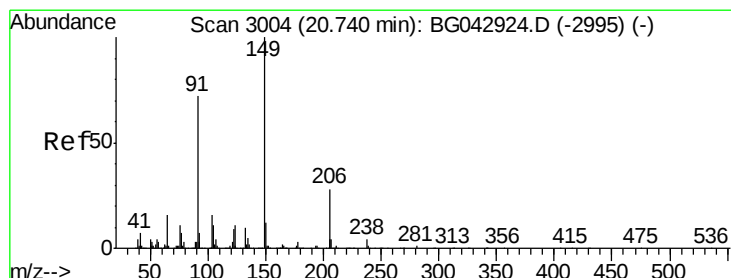
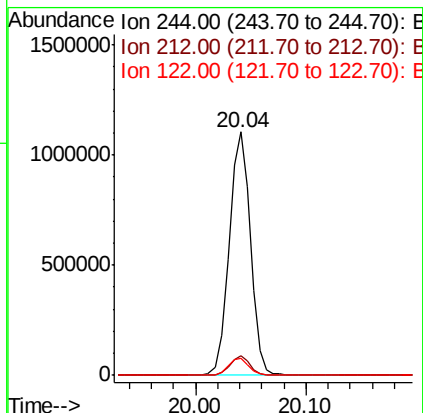
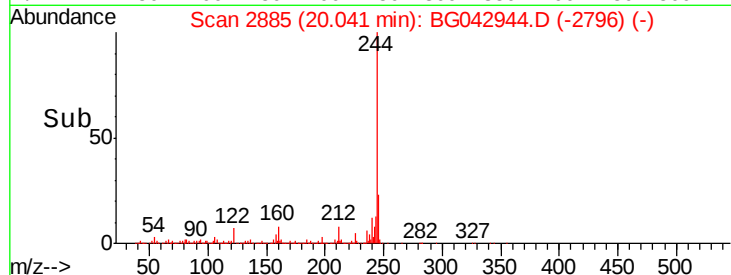
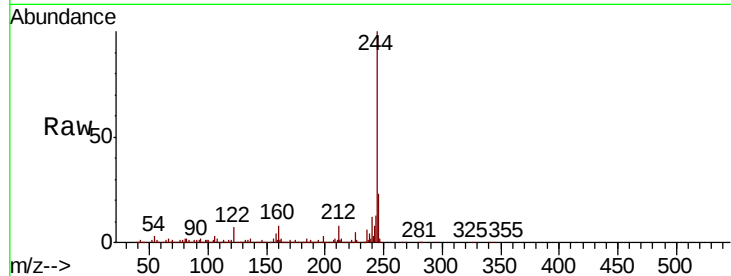
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1487223

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.4	11.0
122	7.2	7.0	10.4



#80

Butylbenzylphthalate

Concen: 36.544 ng

RT: 20.73 min Scan# 3002

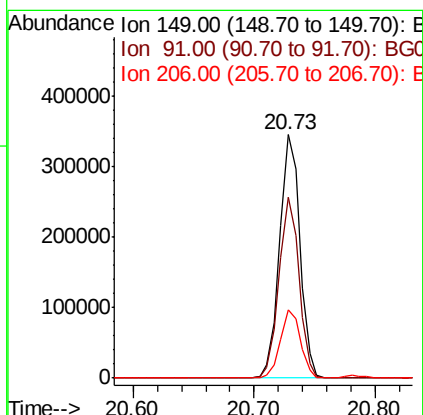
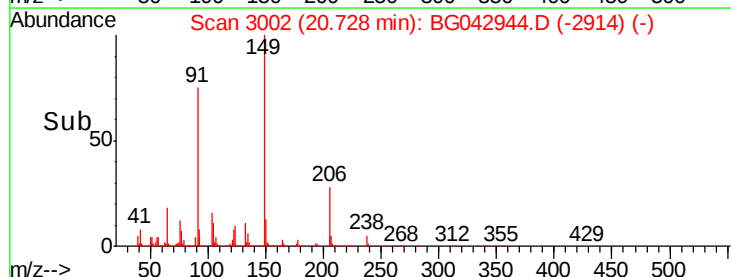
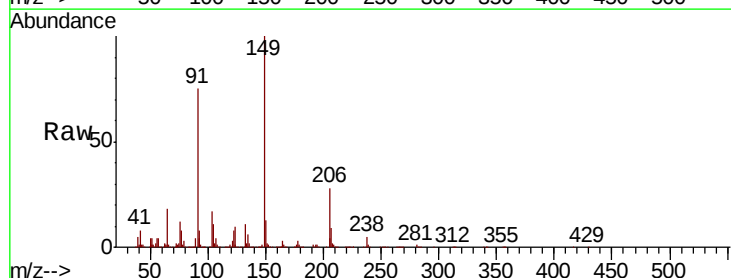
Delta R.T. -0.01 min

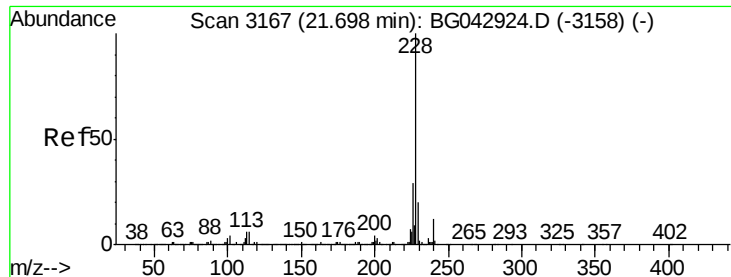
Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Tgt Ion:149 Resp: 398549

Ion	Ratio	Lower	Upper
149	100		
91	74.5	57.7	86.5
206	28.1	22.6	33.8





#81

Benzo(a)anthracene

Concen: 36.843 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

ClientSampleId :

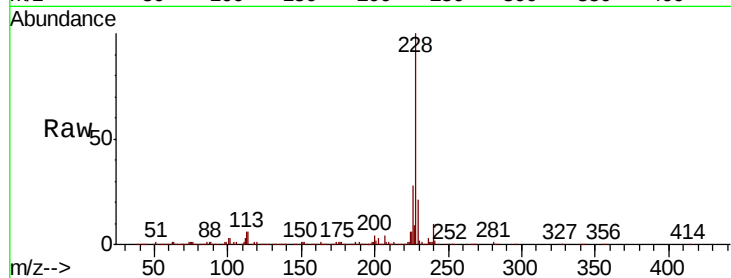
Tot Ion:228 Resp: 1105107

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.4
229	21.5	16.3	24.5

228 100

226 28.5 23.0 34.4

229 21.5 16.3 24.5

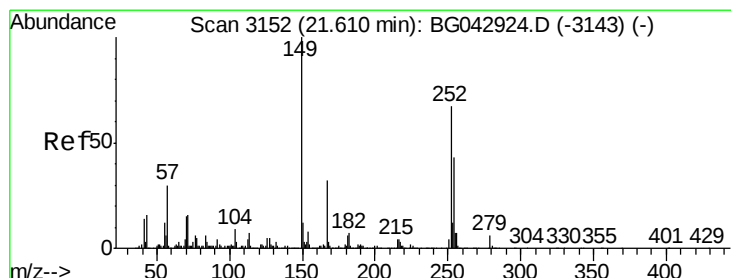
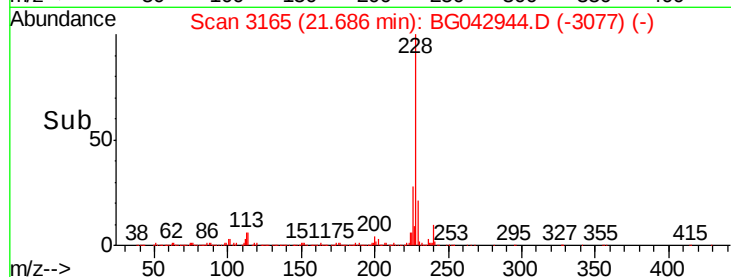
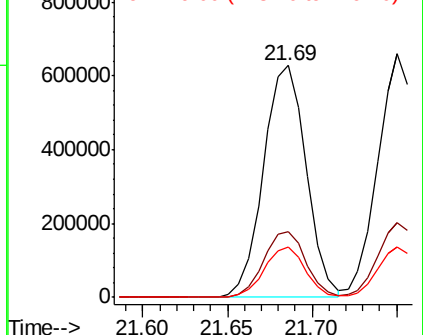


Abundance

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: 15.683 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

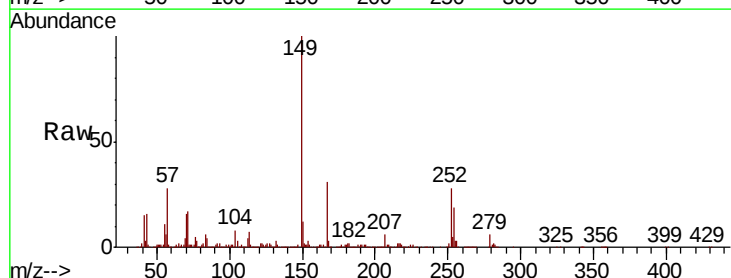
Tgt Ion:252 Resp: 184497

Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.9	77.9
126	6.3	6.1	9.1

252 100

254 65.1 51.9 77.9

126 6.3 6.1 9.1

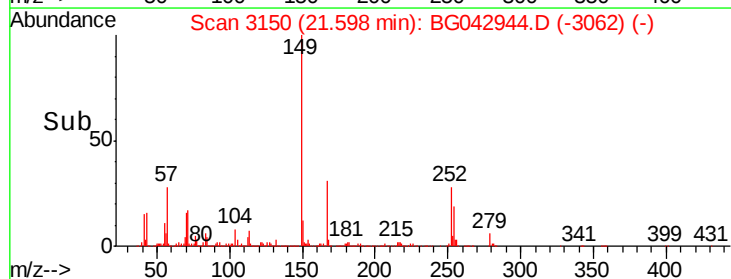
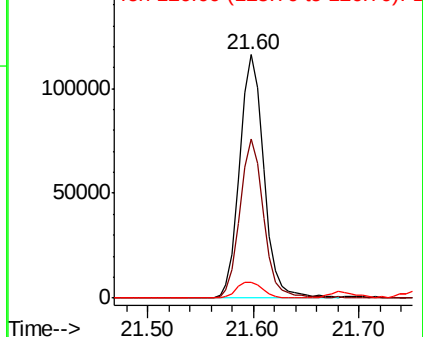


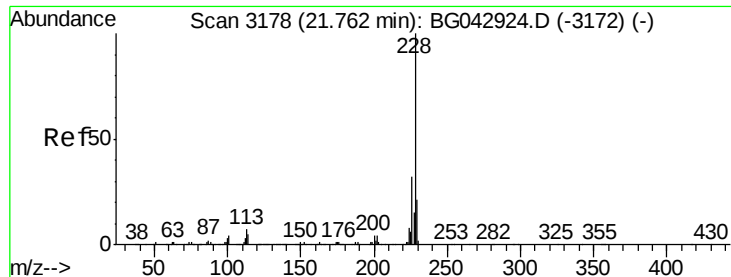
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



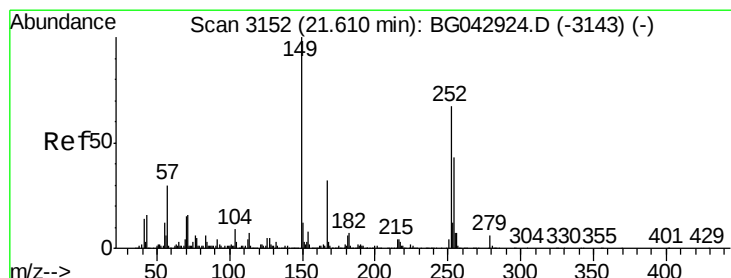
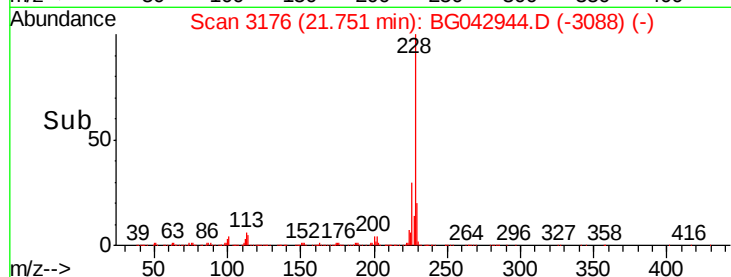
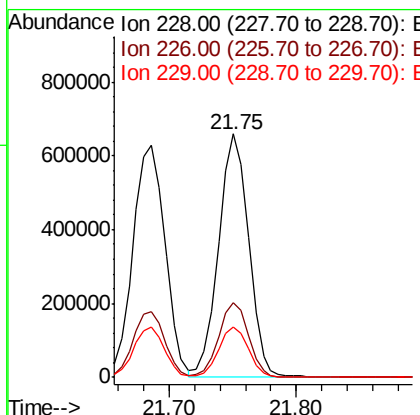
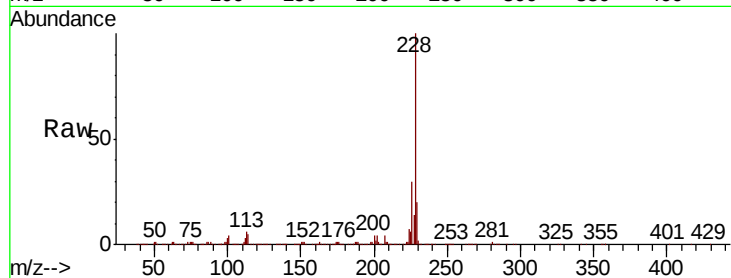


#83
 Chrysene
 Concen: 37.197 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.01 min
 Lab File: BG042944.D
 Acq: 30 Sep 2019 15:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 1082728

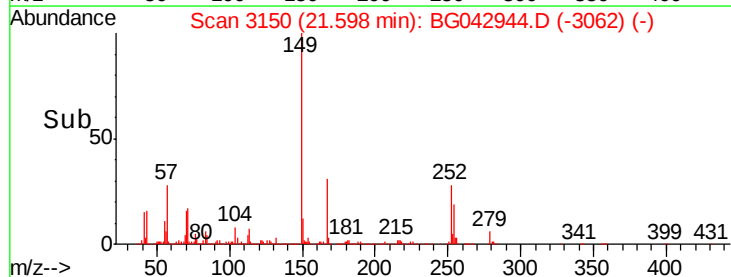
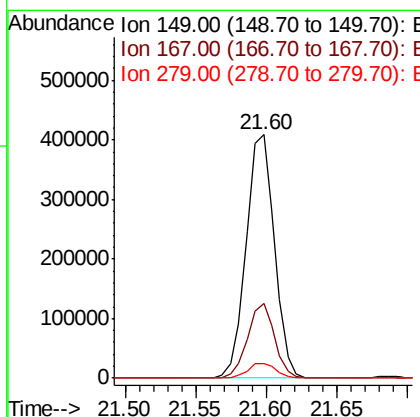
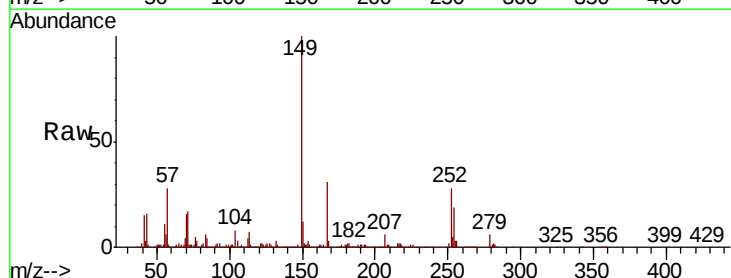
Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.6	38.4
229	20.4	16.9	25.3

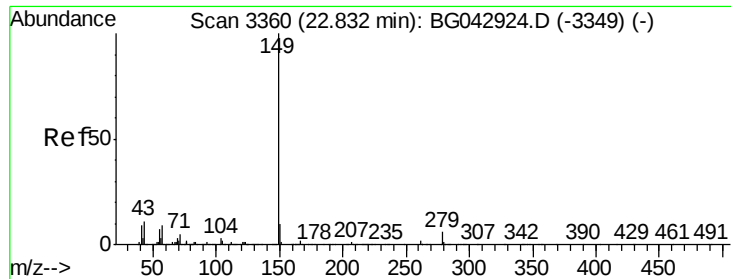


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.897 ng
 RT: 21.60 min Scan# 3150
 Delta R.T. -0.01 min
 Lab File: BG042944.D
 Acq: 30 Sep 2019 15:44

Tgt Ion:149 Resp: 572587

Ion	Ratio	Lower	Upper
149	100		
167	30.6	25.4	38.2
279	6.0	5.1	7.7

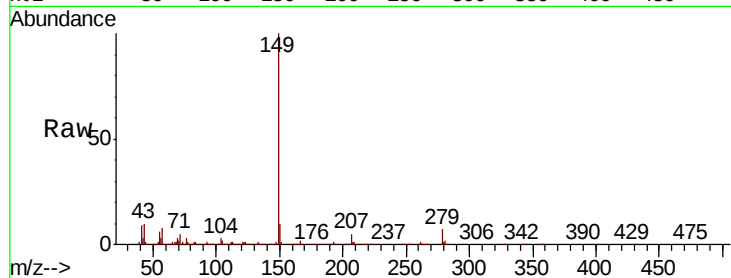




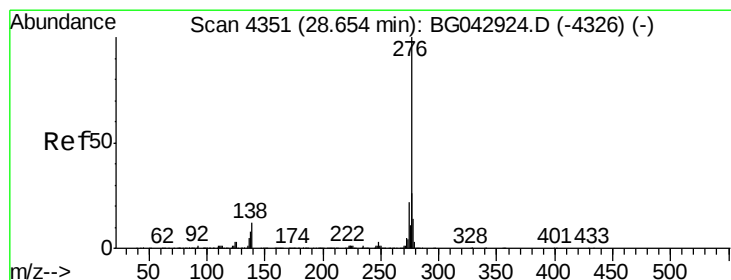
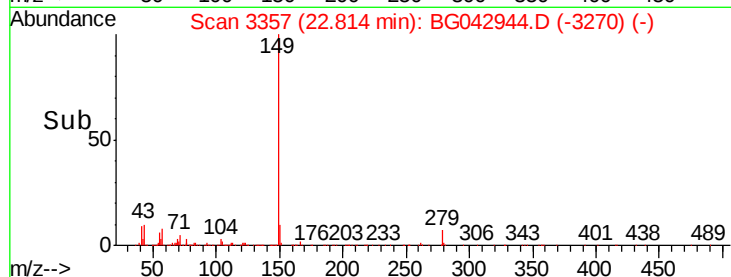
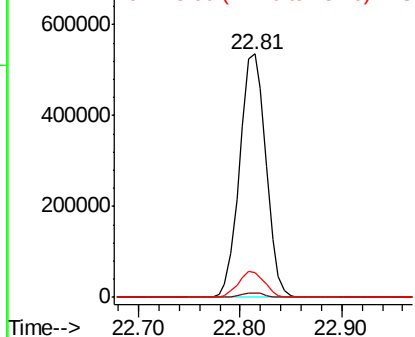
#85
Di-n-octyl phthalate
Concen: 37.977 ng
RT: 22.81 min Scan# 3357
Delta R.T. -0.02 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	10.6	8.7	13.1

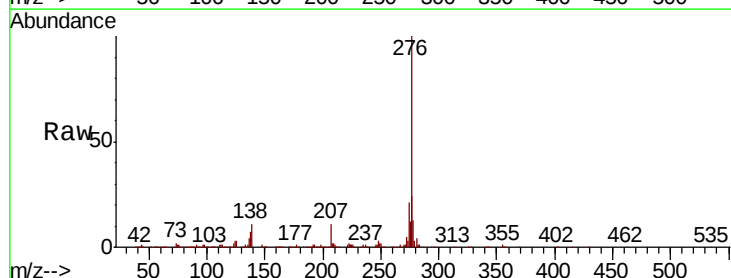


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

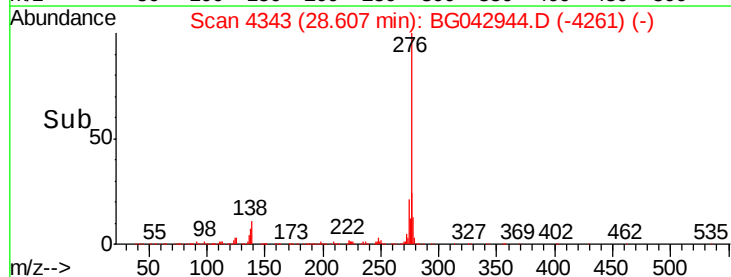
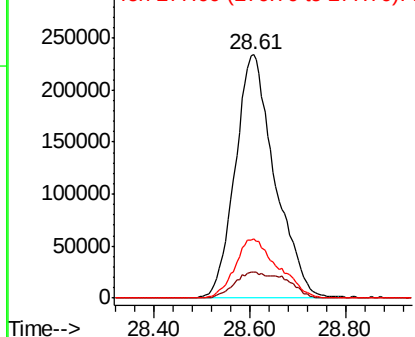


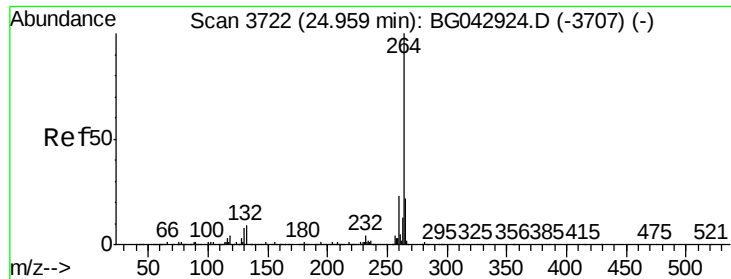
#86
Indeno(1,2,3-cd)pyrene
Concen: 37.132 ng
RT: 28.61 min Scan# 4343
Delta R.T. -0.05 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.5	7.0	10.6
277	26.3	20.9	31.3



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.03 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

ClientSampleId :

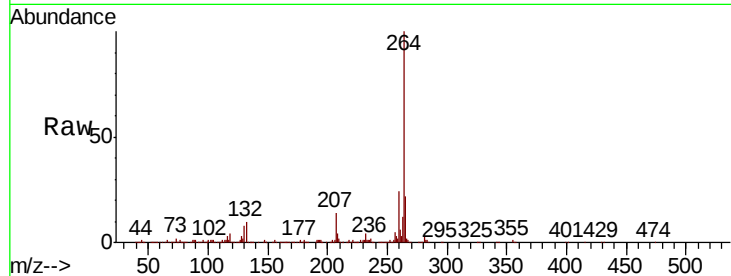
Tot Ion:264 Resp: 556902

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 21.6 17.7 26.5

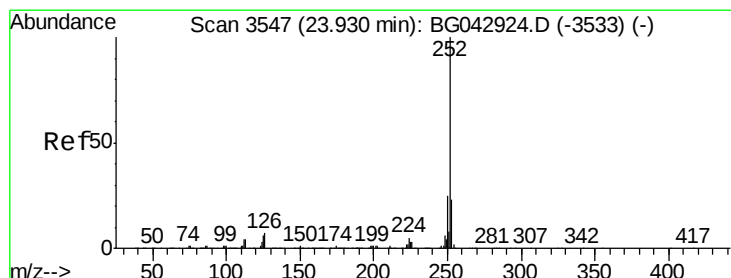
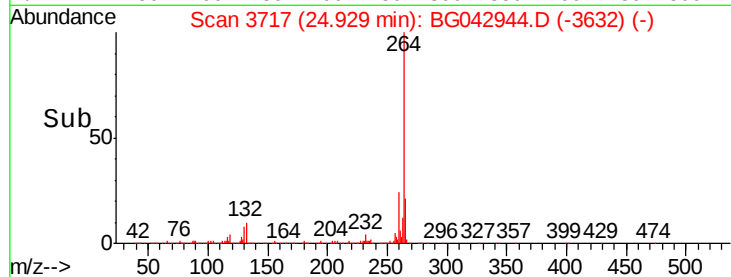
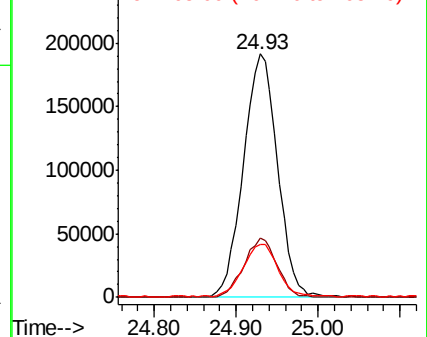


Abundance

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: 37.293 ng

RT: 23.91 min Scan# 3543

Delta R.T. -0.02 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

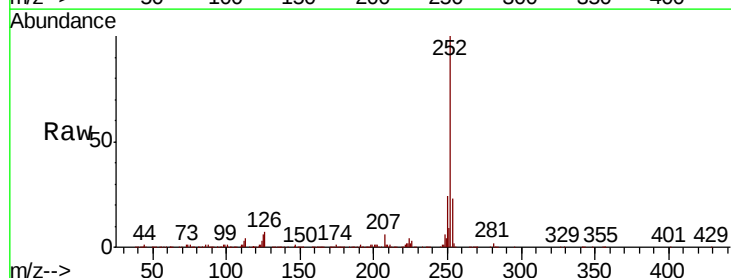
Tgt Ion:252 Resp: 1175154

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

125 5.7 4.6 7.0

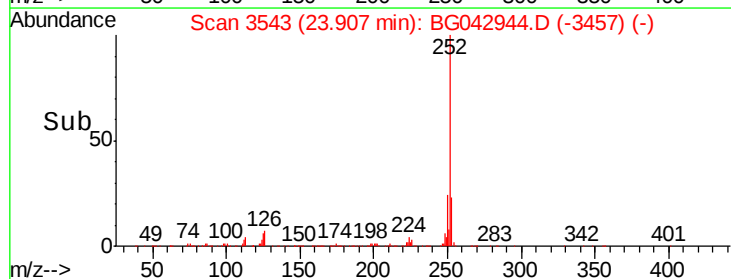
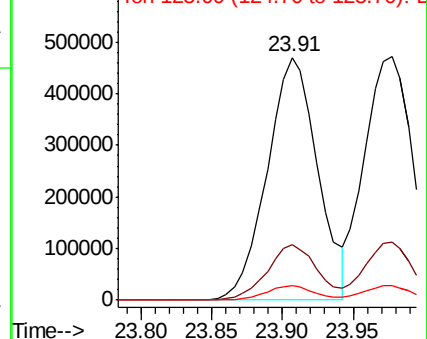


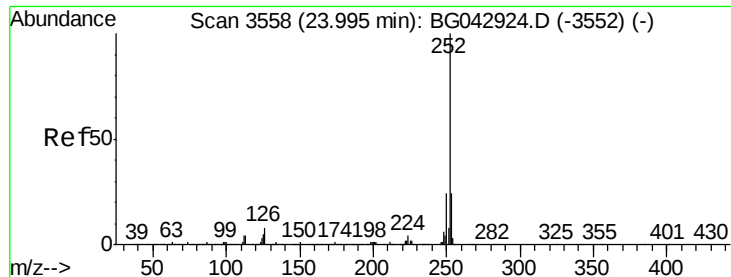
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 36.350 ng

RT: 23.98 min Scan# 3555

Delta R.T. -0.02 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

ClientSampleId :

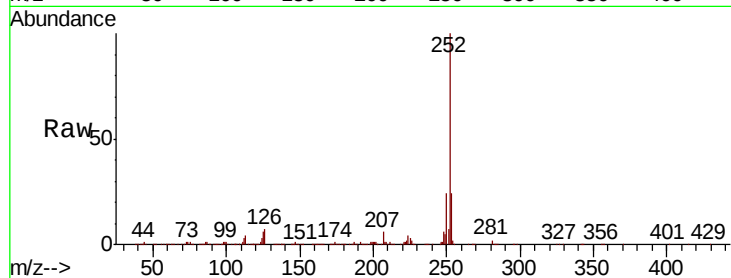
Tot Ion:252 Resp: 1133134

Ion Ratio Lower Upper

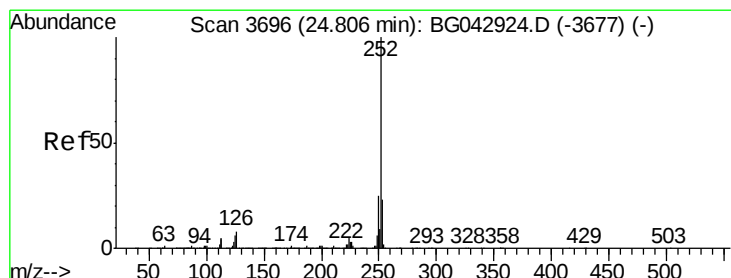
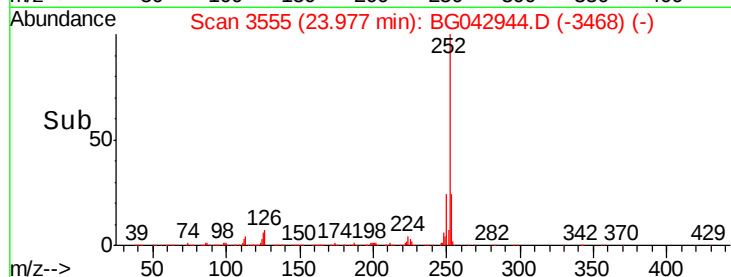
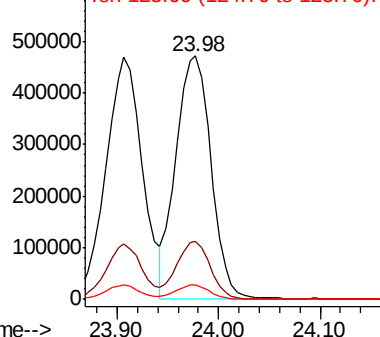
252 100

253 24.0 18.9 28.3

125 5.8 4.5 6.7



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: 38.270 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.02 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

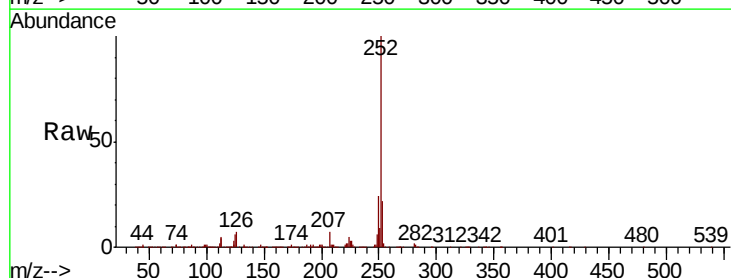
Tgt Ion:252 Resp: 1137735

Ion Ratio Lower Upper

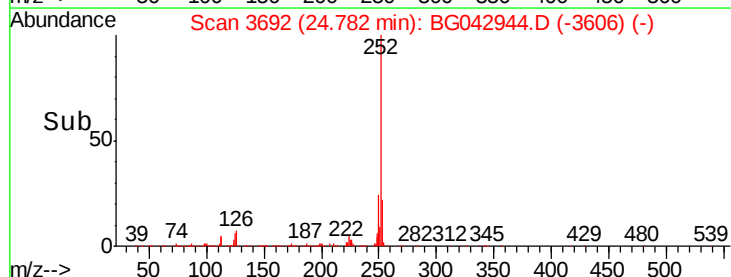
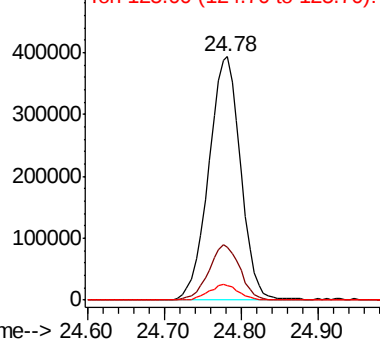
252 100

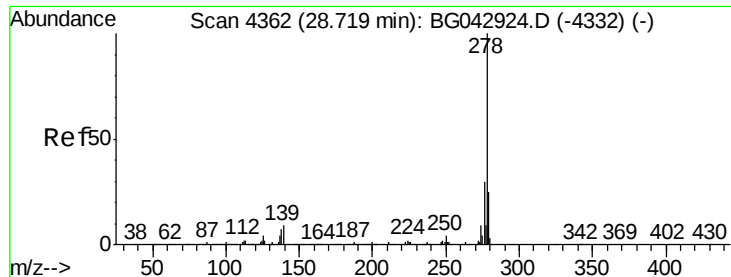
253 21.7 18.2 27.4

125 5.9 5.0 7.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 37.122 ng

RT: 28.68 min Scan# 4355

Delta R.T. -0.04 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

ClientSampleId :

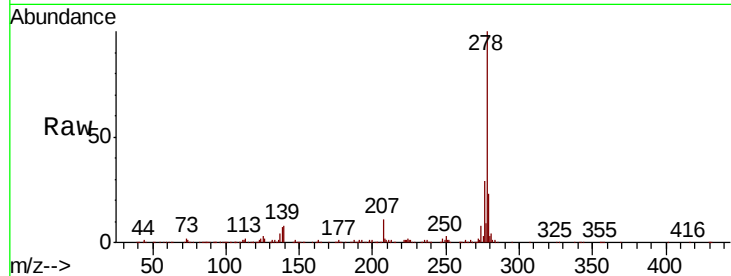
Tot Ion:278 Resp: 1131660

Ion Ratio Lower Upper

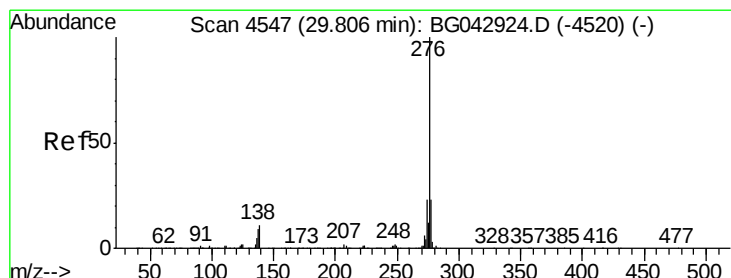
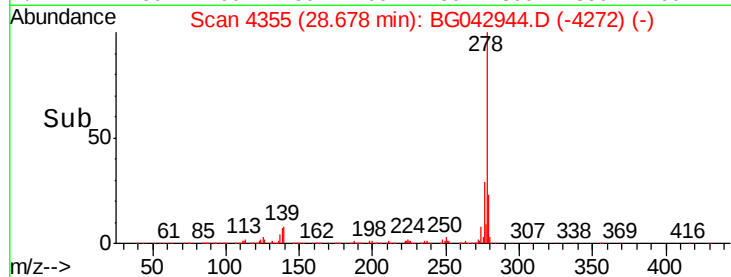
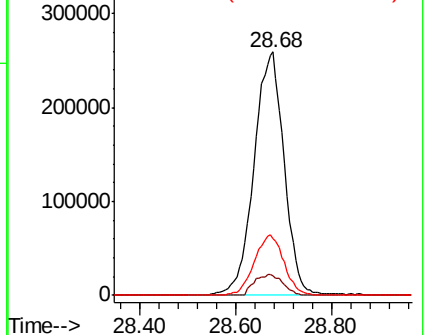
278 100

139 7.9 6.8 10.2

279 23.4 20.1 30.1



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



#92

Benzo(g,h,i)perylene

Concen: 38.003 ng

RT: 29.75 min Scan# 4537

Delta R.T. -0.06 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

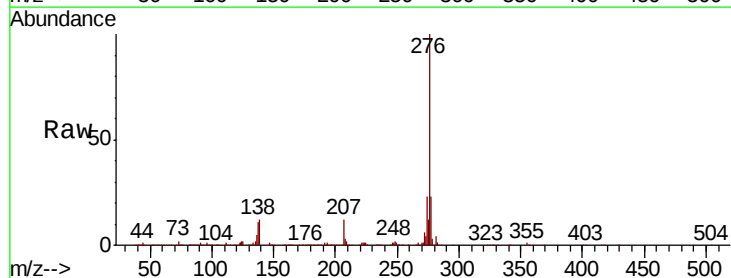
Tgt Ion:276 Resp: 1122530

Ion Ratio Lower Upper

276 100

277 23.5 18.4 27.6

138 11.5 8.6 12.8



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

