

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
 Data File : BG042607.D
 Acq On : 30 Aug 2019 19:21
 Operator : HP/JU
 Sample : K4409-17MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 30 23:13:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	35787	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	137895	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	102979	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	245755	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	258733	20.00	ng	0.00
87) Perylene-d12	24.93	264	311456	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	254634	144.10	ng	0.00
7) Phenol-d6	7.17	99	337959	141.59	ng	0.00
23) Nitrobenzene-d5	9.16	82	189819	95.12	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	217973	148.92	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	572037	93.95	ng	0.00
79) Terphenyl-d14	20.02	244	1045051	87.32	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	26694	36.200	ng	98
3) Pyridine	3.82	79	73737	38.996	ng	97
4) n-Nitrosodimethylamine	3.73	42	32926	48.754	ng	95
6) Aniline	7.32	93	114049	35.825	ng	100
8) 2-Chlorophenol	7.57	128	109766	51.257	ng	100
9) Benzaldehyde	7.12	77	57544	48.156	ng	99
10) Phenol	7.20	94	144747	59.645	ng	95
11) bis(2-Chloroethyl)ether	7.41	93	86259	45.259	ng	99
12) 1,3-Dichlorobenzene	7.89	146	123773	45.434	ng	99
13) 1,4-Dichlorobenzene	8.04	146	126803	45.952	ng	98
14) 1,2-Dichlorobenzene	8.35	146	120656	45.658	ng	99
15) Benzyl Alcohol	8.24	79	83247	48.479	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	107161	41.483	ng	98
17) 2-Methylphenol	8.45	107	88156	49.319	ng	95
18) Hexachloroethane	9.09	117	41408	43.833	ng	94
19) n-Nitroso-di-n-propylamine	8.81	70	66902	43.265	ng	# 90
20) 3+4-Methylphenols	8.78	107	119386	48.268	ng	97
22) Acetophenone	8.82	105	153259	51.964	ng	97
24) Nitrobenzene	9.21	77	101024	49.995	ng	100
25) Isophorone	9.73	82	189210	48.046	ng	99
26) 2-Nitrophenol	9.93	139	67297	53.145	ng	96
27) 2,4-Dimethylphenol	9.99	122	103011	59.055	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	118934	47.917	ng	98
29) 2,4-Dichlorophenol	10.47	162	126446	55.405	ng	99
30) 1,2,4-Trichlorobenzene	10.69	180	144832	51.703	ng	97
31) Naphthalene	10.87	128	324623	50.706	ng	99
32) Benzoic acid	10.16	122	45922	38.270	ng	97
33) 4-Chloroaniline	10.98	127	75925	25.690	ng	99
34) Hexachlorobutadiene	11.16	225	97100	51.577	ng	97
35) Caprolactam	11.77	113	22707	29.818	ng	# 87
36) 4-Chloro-3-methylphenol	12.11	107	113652	52.459	ng	96
37) 2-Methylnaphthalene	12.48	142	265763	51.699	ng	100
38) 1-Methylnaphthalene	12.70	142	250817	51.366	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	182339	55.137	ng	99

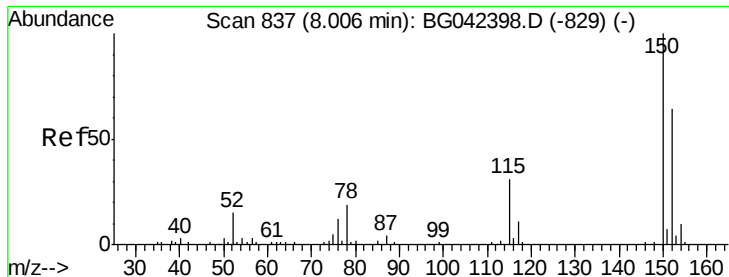
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	167590	96.475	nq	99
43) 2,4,6-Trichlorophenol	13.09	196	119538	53.477	nq	93
44) 2,4,5-Trichlorophenol	13.17	196	128462	55.457	nq	97
46) 1,1'-Biphenyl	13.49	154	350241	52.615	nq	98
47) 2-Chloronaphthalene	13.53	162	291270	50.746	nq	98
48) 2-Nitroaniline	13.73	65	64312	46.465	nq	96
49) Acenaphthylene	14.38	152	454963	52.686	nq	99
50) Dimethylphthalate	14.11	163	417372	56.172	nq	99
51) 2,6-Dinitrotoluene	14.23	165	89186	51.784	nq	98
52) Acenaphthene	14.72	154	265807	50.693	nq	99
53) 3-Nitroaniline	14.56	138	57435	33.345	nq	97
54) 2,4-Dinitrophenol	14.78	184	85395	74.059	nq	95
55) Dibenzofuran	15.06	168	463452	53.396	nq	98
56) 4-Nitrophenol	14.89	139	129608	105.895	nq	96
57) 2,4-Dinitrotoluene	15.02	165	127159	51.559	nq	97
58) Fluorene	15.71	166	374070	52.723	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	122598	53.518	nq	98
60) Diethylphthalate	15.47	149	362533	49.911	nq	98
61) 4-Chlorophenyl-phenylether	15.70	204	221135	51.704	nq	98
62) 4-Nitroaniline	15.73	138	89058	48.310	nq	94
63) Azobenzene	15.99	77	244509	49.126	nq	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	75750	49.163	nq	99
66) n-Nitrosodiphenylamine	15.91	169	347086	51.356	nq	98
67) 4-Bromophenyl-phenylether	16.59	248	160024	51.335	nq	98
68) Hexachlorobenzene	16.72	284	169115	49.906	nq	98
69) Atrazine	16.86	200	132391	55.394	nq	99
70) Pentachlorophenol	17.07	266	198819	112.920	nq	99
71) Phenanthrene	17.45	178	642443	52.629	nq	99
72) Anthracene	17.54	178	659176	54.092	nq	99
73) Carbazole	17.81	167	572568	52.718	nq	100
74) Di-n-butylphthalate	18.37	149	657788	51.235	nq	100
75) Fluoranthene	19.46	202	834363	56.006	nq	98
77) Benzidine	19.64	184	348052	46.920	nq	99
78) Pyrene	19.83	202	833724	52.558	nq	99
80) Butylbenzylphthalate	20.70	149	305099	48.900	nq	99
81) Benzo(a)anthracene	21.67	228	834949	53.049	nq	97
82) 3,3'-Dichlorobenzidine	21.58	252	283044	44.714	nq	100
83) Chrysene	21.74	228	796845	52.496	nq	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	433451	50.036	nq	99
85) Di-n-octyl phthalate	22.78	149	754497	50.640	nq	99
86) Indeno(1,2,3-cd)pyrene	28.63	276	1074419	52.086	nq	# 96
88) Benzo(b)fluoranthene	23.91	252	918893	53.665	nq	99
89) Benzo(k)fluoranthene	23.97	252	887019	53.894	nq	99
90) Benzo(a)pyrene	24.78	252	903620	55.614	nq	99
91) Dibenzo(a,h)anthracene	28.70	278	881466	53.581	nq	97
92) Benzo(g,h,i)perylene	29.80	276	901437	54.786	nq	97

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

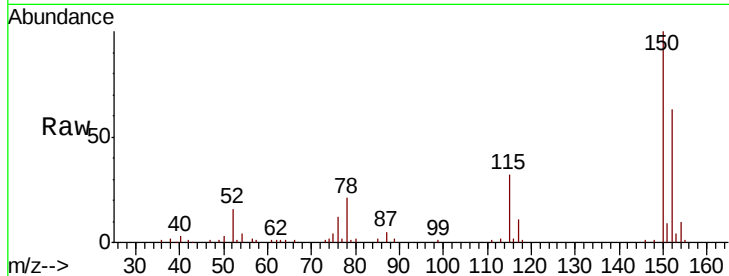


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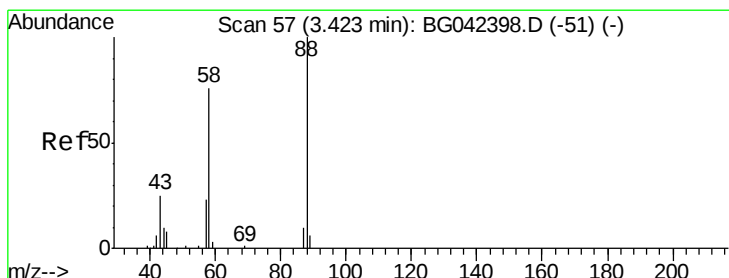
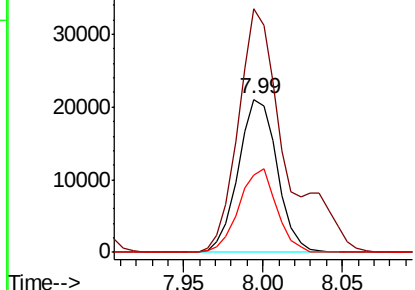
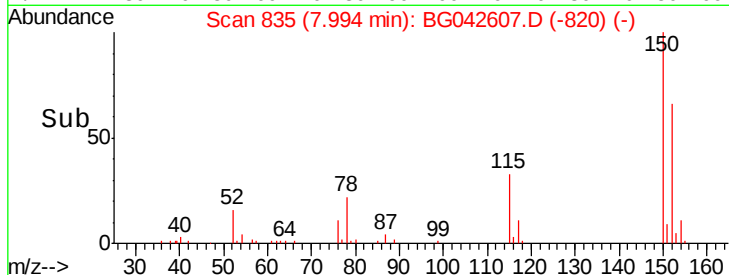
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 35787
Ion Ratio Lower Upper
152 100
150 159.3 125.4 188.0
115 50.2 38.5 57.7



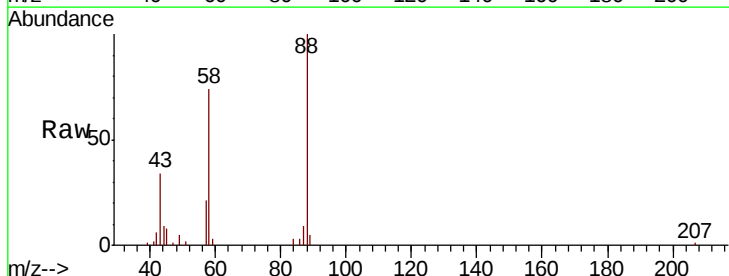
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



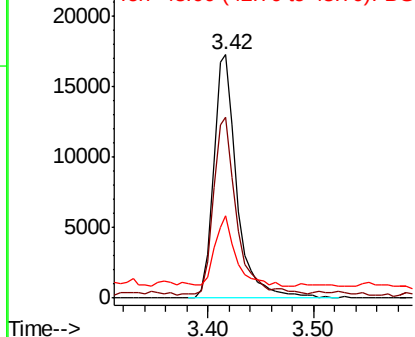
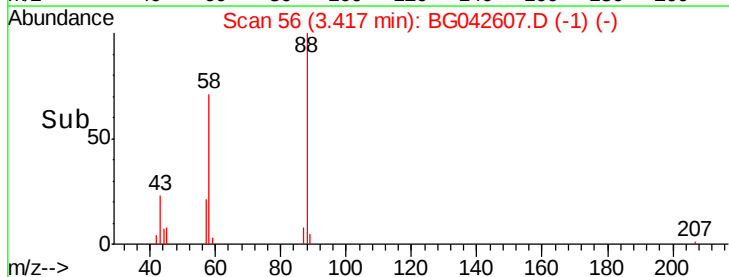
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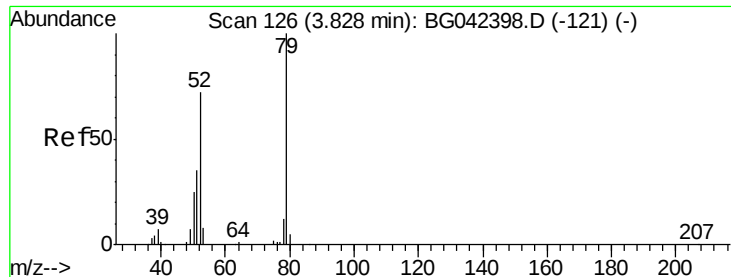
1,4-Dioxane
Concen: 36.200 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion: 88 Resp: 26694
Ion Ratio Lower Upper
88 100
58 70.7 58.3 87.5
43 25.8 20.2 30.2



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





#3

Pvridine

Concen: 38.996 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Instrument :

BNA_G

ClientSampleId :

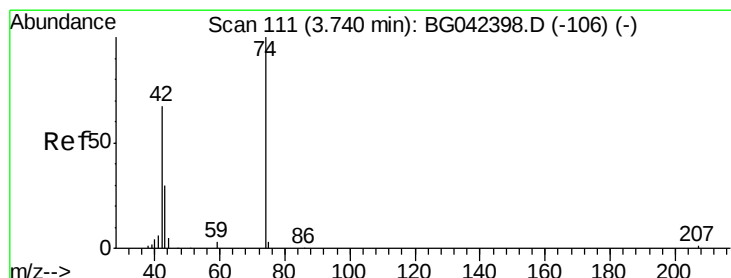
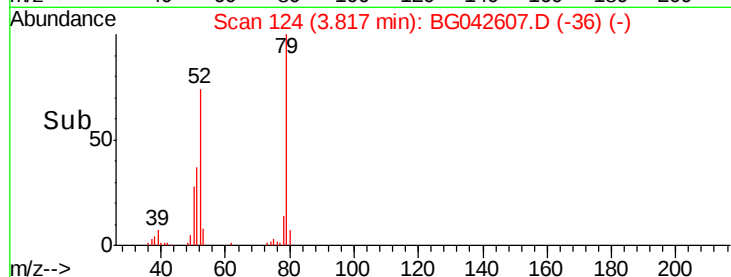
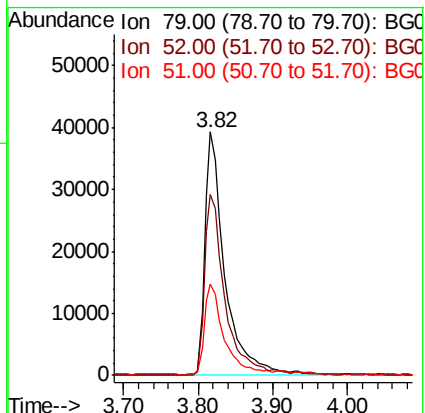
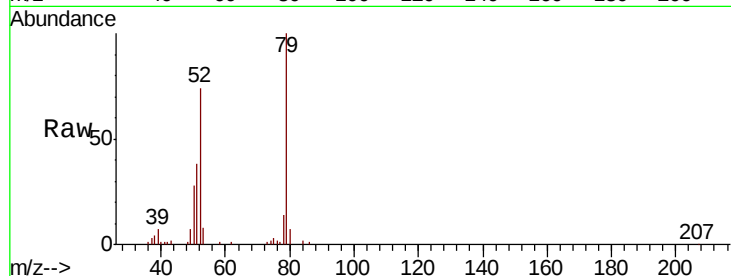
Tot Ion: 79 Resp: 73737

Ion Ratio Lower Upper

79 100

52 74.4 57.7 86.5

51 37.5 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 48.754 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

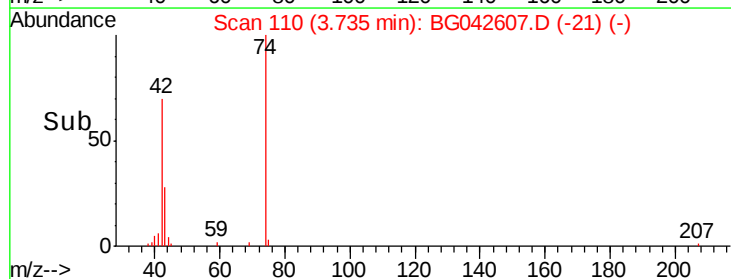
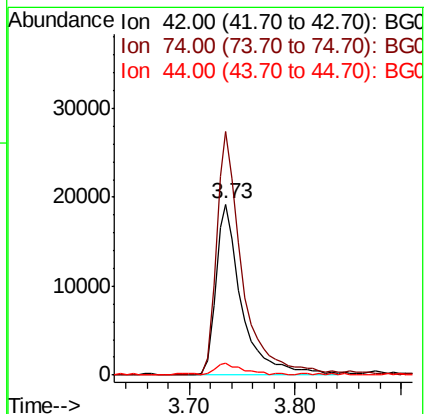
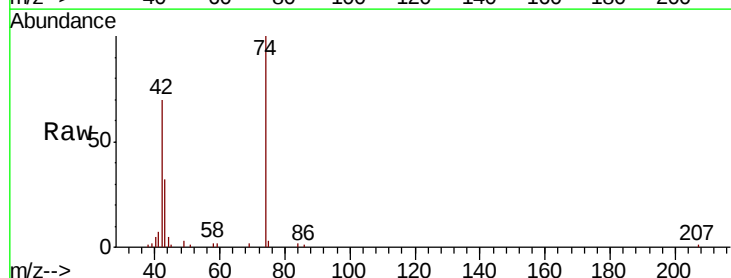
Tgt Ion: 42 Resp: 32926

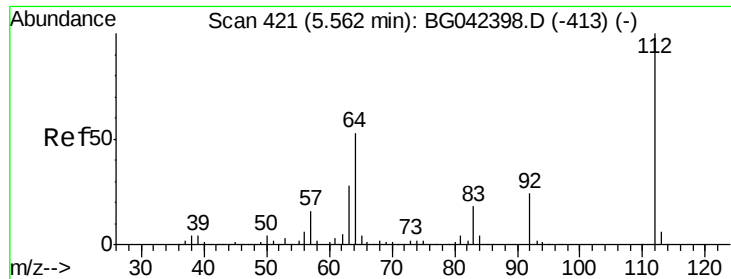
Ion Ratio Lower Upper

42 100

74 142.4 119.6 179.4

44 7.0 6.5 9.7





#5

2-Fluorophenol

Concen: 144.105 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Instrument :

BNA_G

ClientSampled :

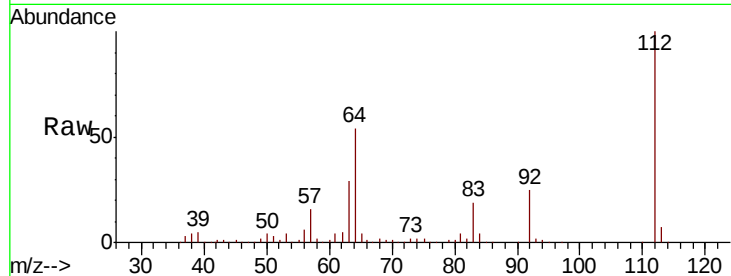
Tot Ion:112 Resp: 254634

Ion Ratio Lower Upper

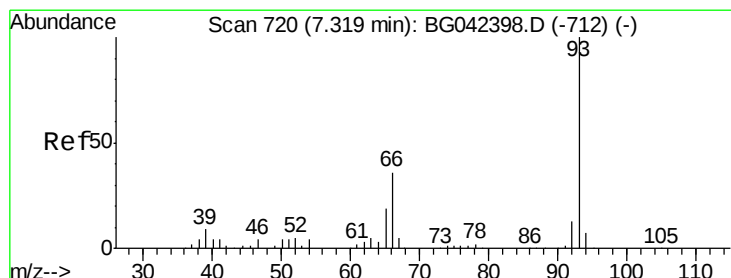
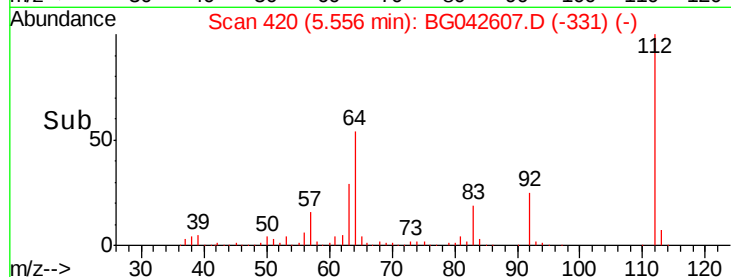
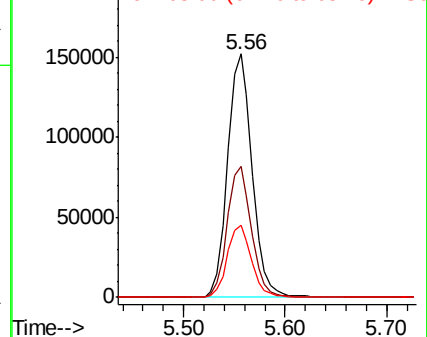
112 100

64 53.6 42.8 64.2

63 29.4 22.7 34.1



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: 35.825 ng

RT: 7.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

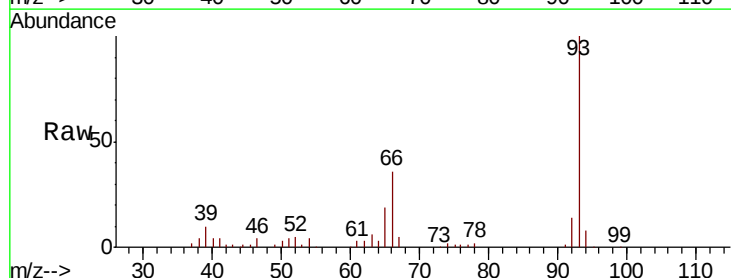
Tgt Ion: 93 Resp: 114049

Ion Ratio Lower Upper

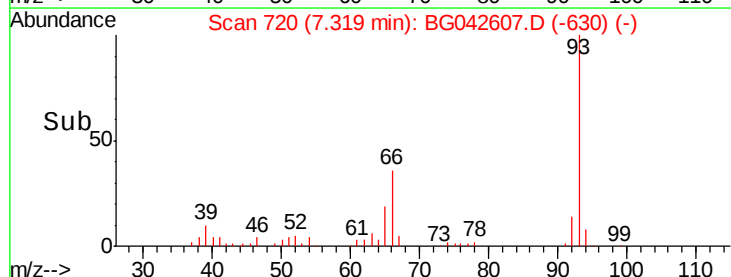
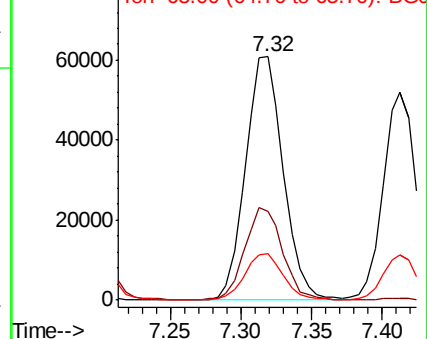
93 100

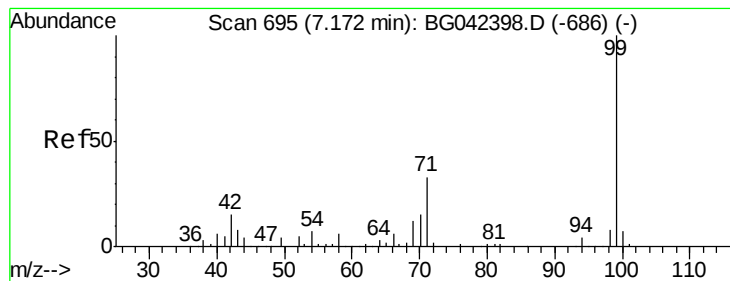
66 36.3 29.0 43.6

65 18.8 15.2 22.8



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: 141.594 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Instrument :

BNA_G

ClientSampled :

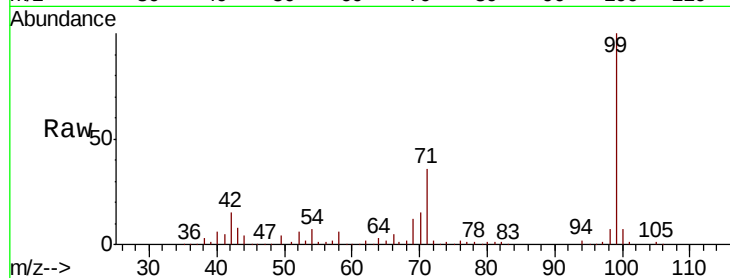
Tot Ion: 99 Resp: 337959

Ion Ratio Lower Upper

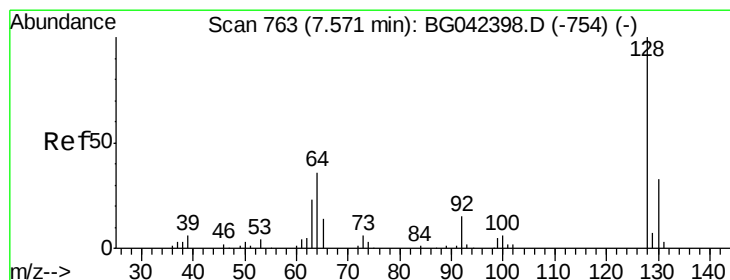
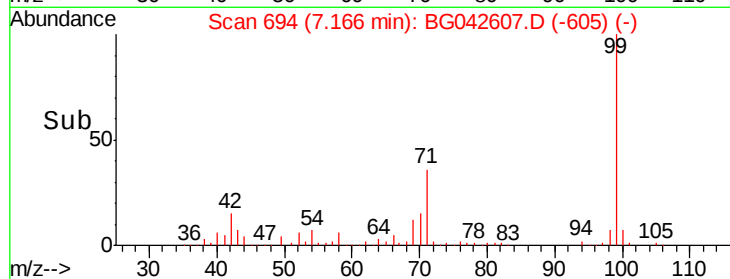
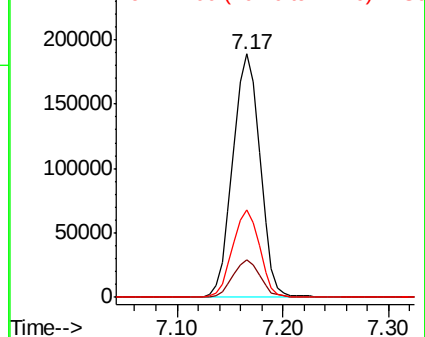
99 100

42 15.3 12.0 18.0

71 35.9 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 51.257 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

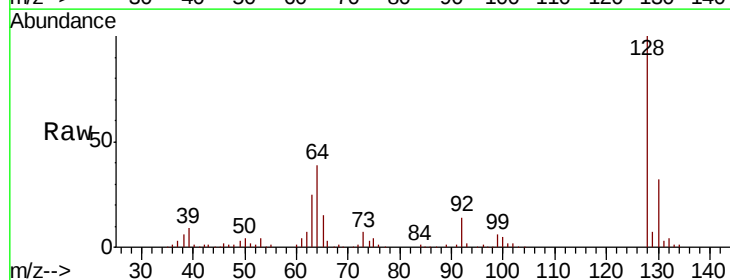
Tgt Ion: 128 Resp: 109766

Ion Ratio Lower Upper

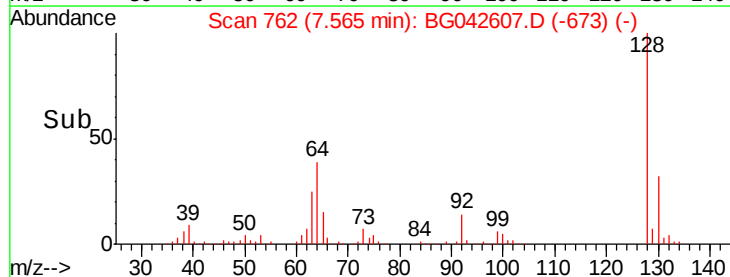
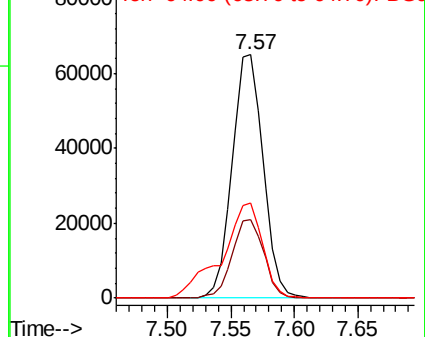
128 100

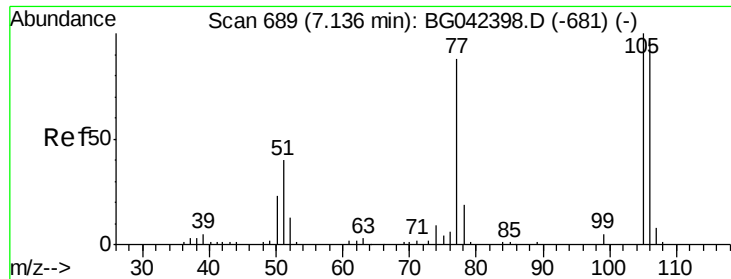
130 32.5 12.8 52.8

64 38.9 19.2 59.2



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: 48.156 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Instrument :

BNA_G

ClientSampled :

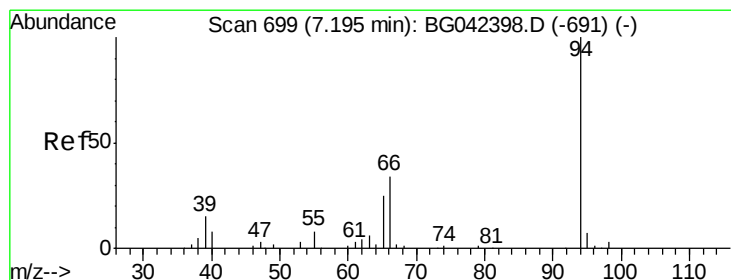
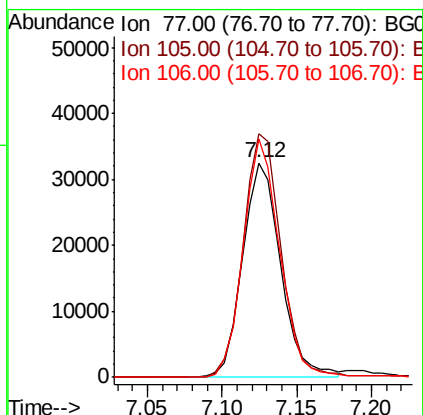
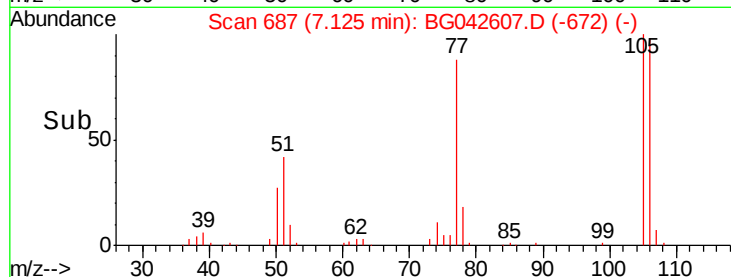
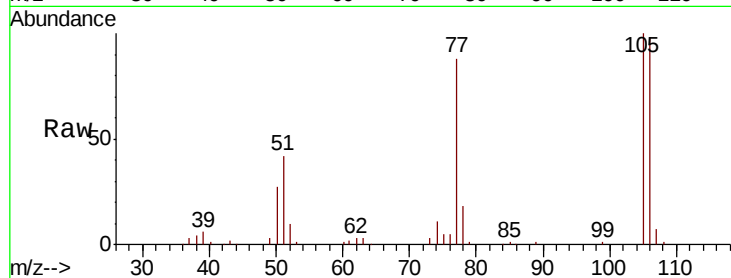
Tot Ion: 77 Resp: 57544

Ion Ratio Lower Upper

77 100

105 113.4 93.4 133.4

106 111.3 88.4 128.4



#10

Phenol

Concen: 59.645 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

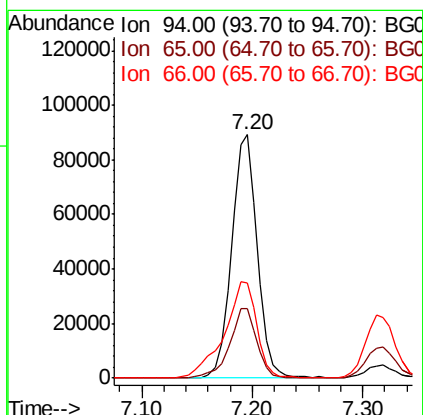
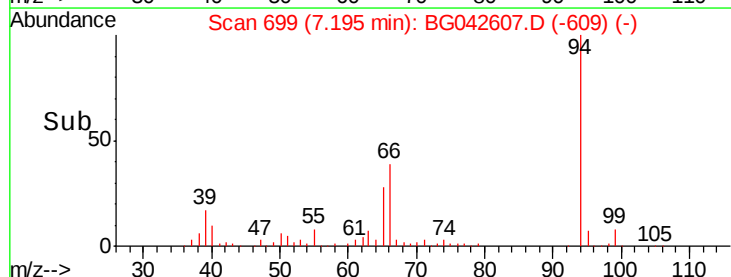
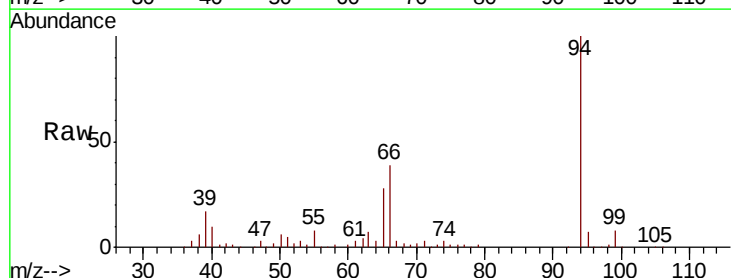
Tgt Ion: 94 Resp: 144747

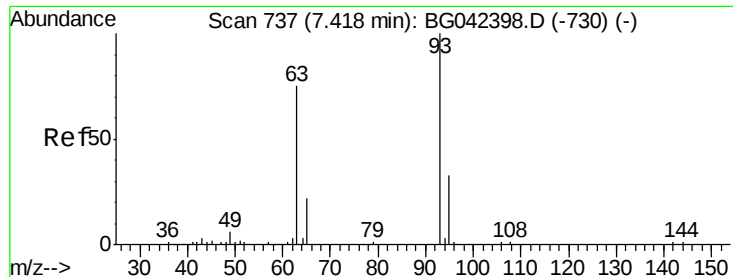
Ion Ratio Lower Upper

94 100

65 28.4 5.6 45.6

66 38.9 16.0 56.0





#11

bis(2-Chloroethyl)ether

Concen: 45.259 ng

RT: 7.41 min Scan# 736

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Instrument :

BNA_G

ClientSampleId :

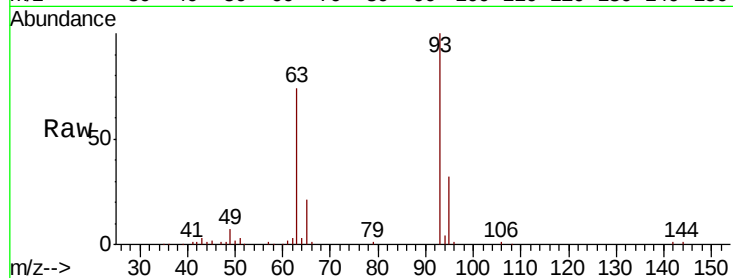
Tot Ion: 93 Resp: 86259

Ion Ratio Lower Upper

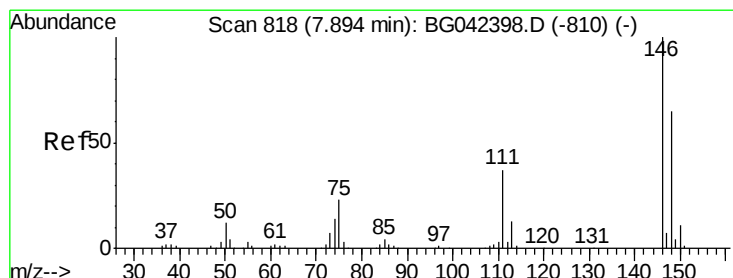
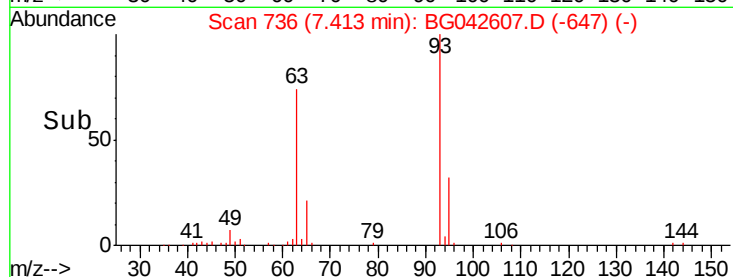
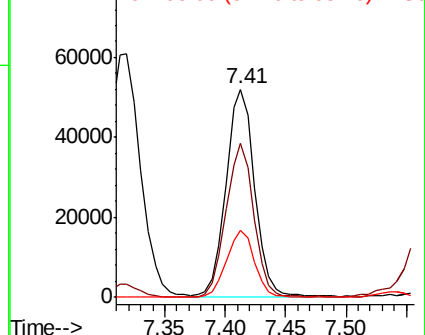
93 100

63 73.9 53.8 93.8

95 32.1 13.1 53.1



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



#12

1,3-Dichlorobenzene

Concen: 45.434 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

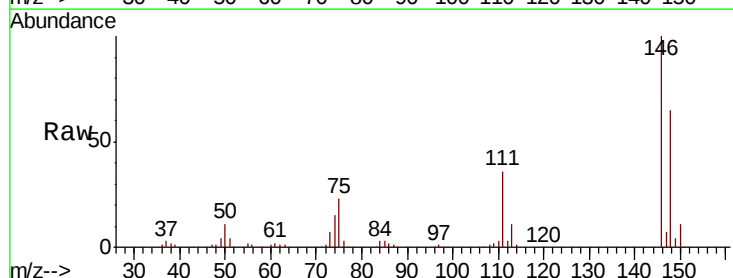
Tgt Ion: 146 Resp: 123773

Ion Ratio Lower Upper

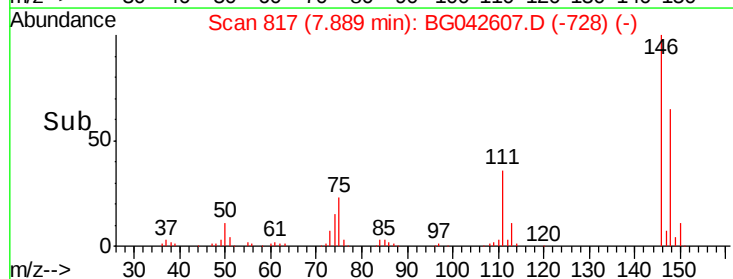
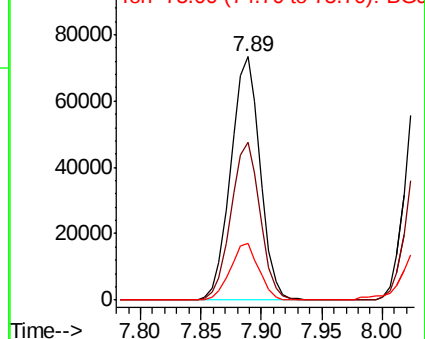
146 100

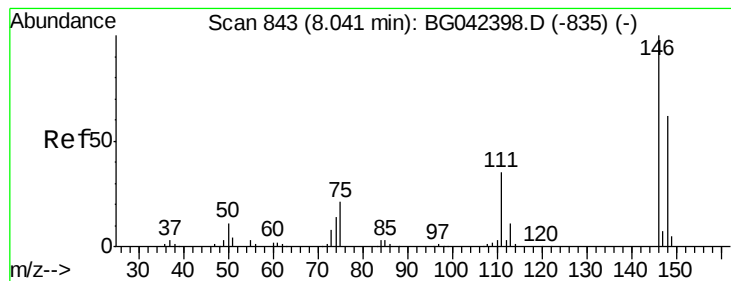
148 65.0 52.2 78.2

75 23.3 18.0 27.0



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





#13

1,4-Dichlorobenzene

Concen: 45.952 ng

RT: 8.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Instrument :

BNA_G

ClientSampled :

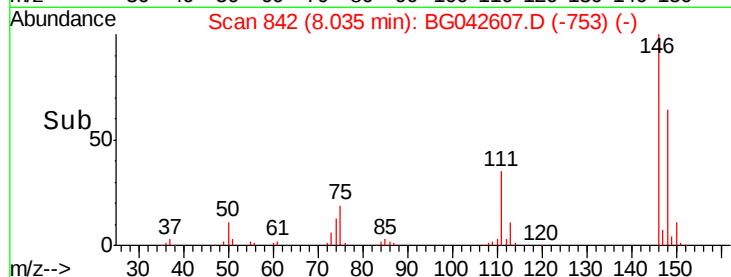
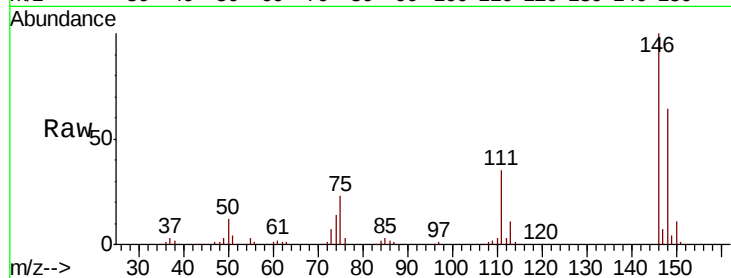
Tot Ion:146 Resp: 126803

Ion Ratio Lower Upper

146 100

148 64.1 49.5 74.3

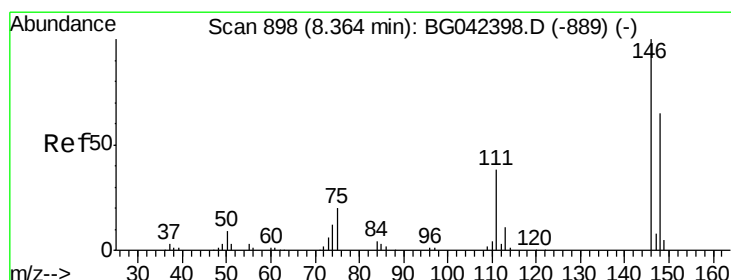
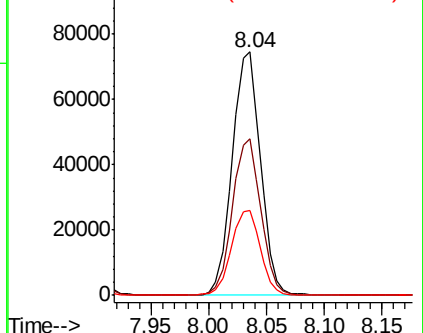
111 34.8 28.1 42.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 45.658 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

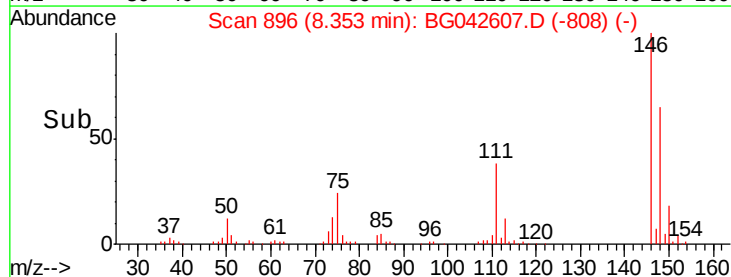
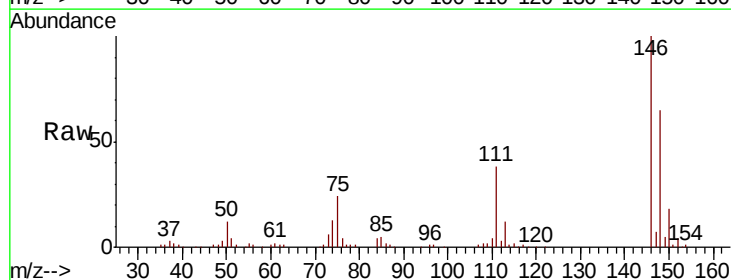
Tgt Ion:146 Resp: 120656

Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.6

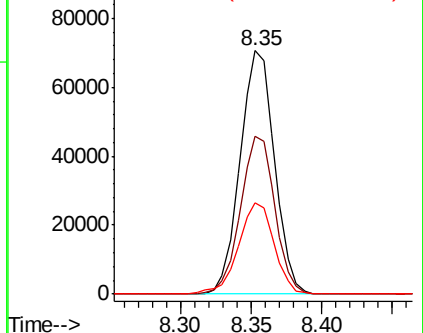
111 37.6 30.9 46.3

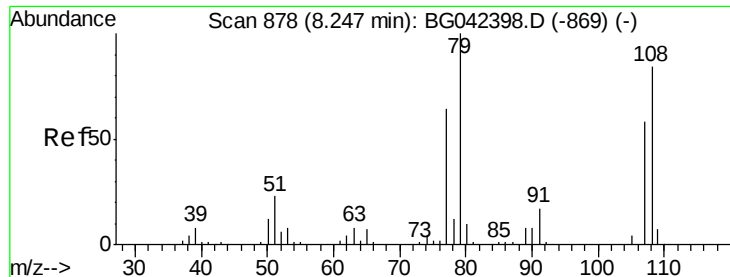


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.479 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Instrument :

BNA_G

ClientSampleId :

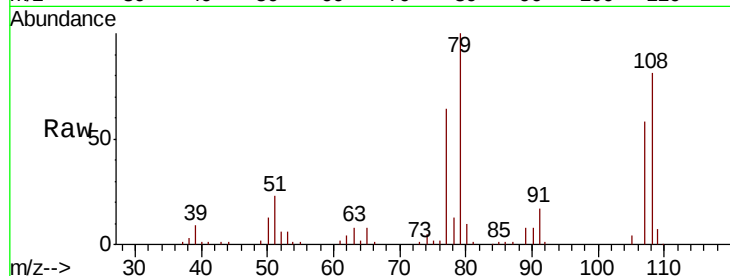
Tot Ion: 79 Resp: 83247

Ion Ratio Lower Upper

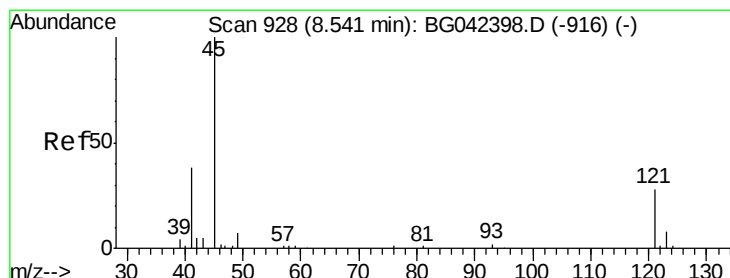
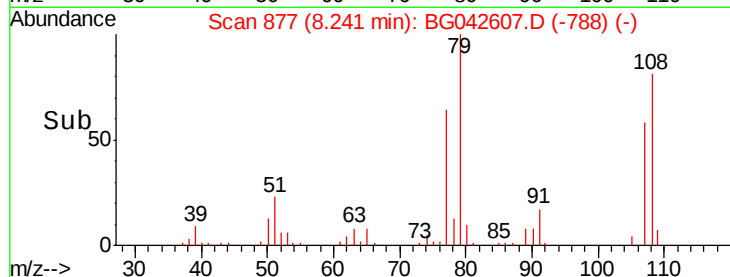
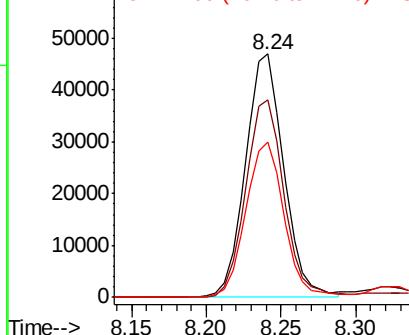
79 100

108 81.2 67.4 101.2

77 63.5 50.8 76.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.483 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

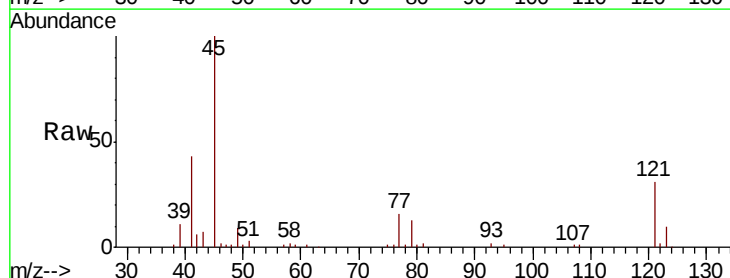
Tgt Ion: 45 Resp: 107161

Ion Ratio Lower Upper

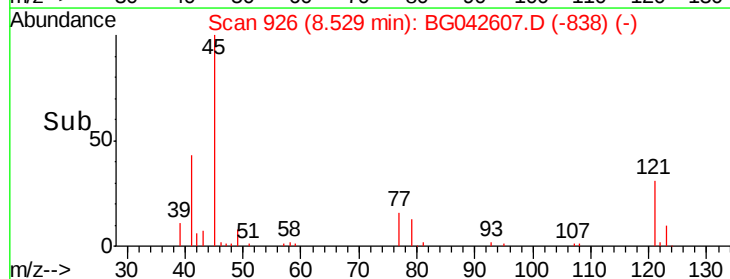
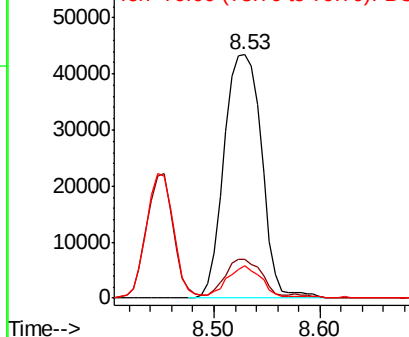
45 100

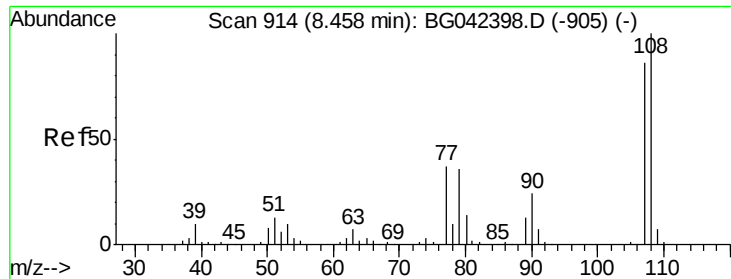
77 16.1 0.0 35.6

79 13.1 0.0 31.6



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

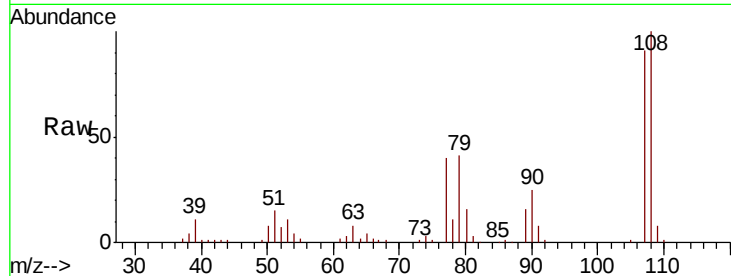




#17
2-Methylphenol
Concen: 49.319 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	88156
Ion	Ratio	Lower	Upper
107	100		
108	110.3	92.9	139.3
77	44.2	34.4	51.6
79	45.5	33.8	50.6



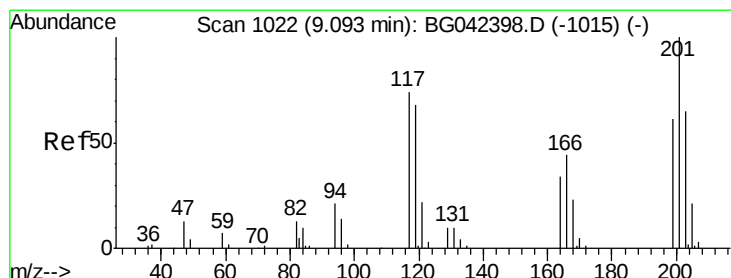
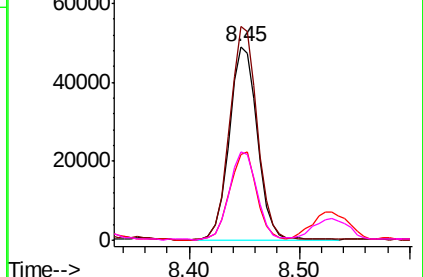
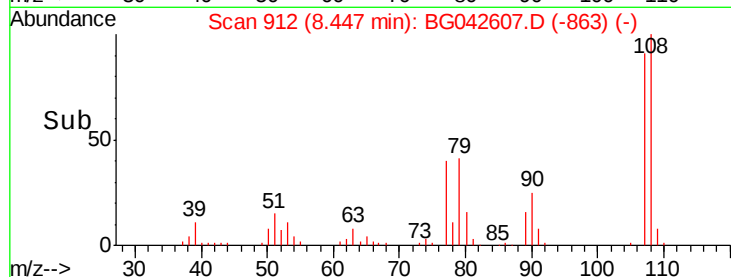
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

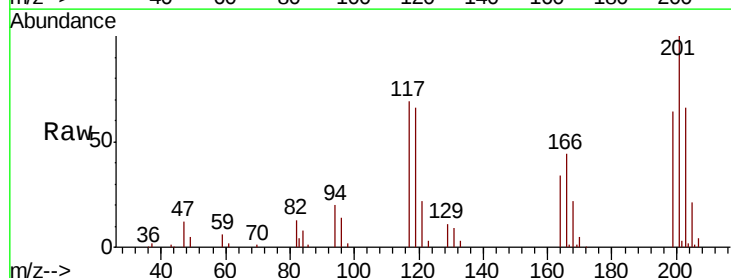
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 43.833 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion:	117	Resp:	41408
Ion	Ratio	Lower	Upper
117	100		
119	96.1	73.8	110.8
201	144.9	108.3	162.5

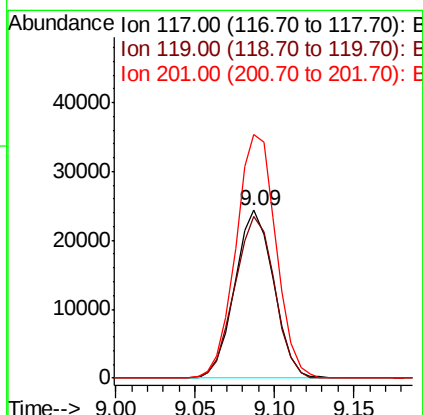
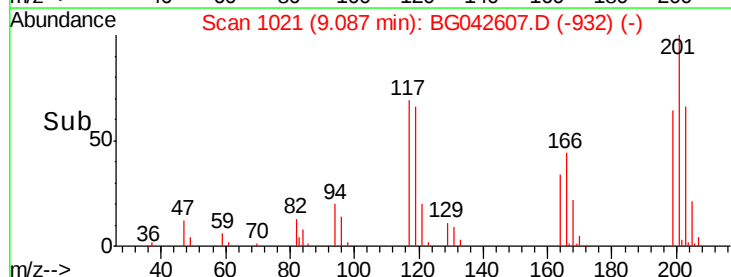


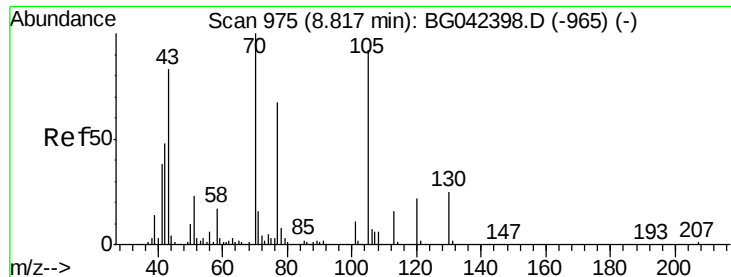
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

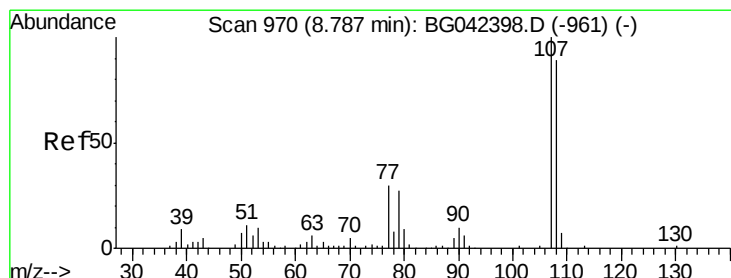
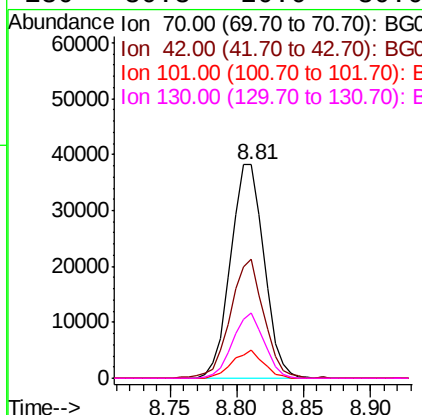
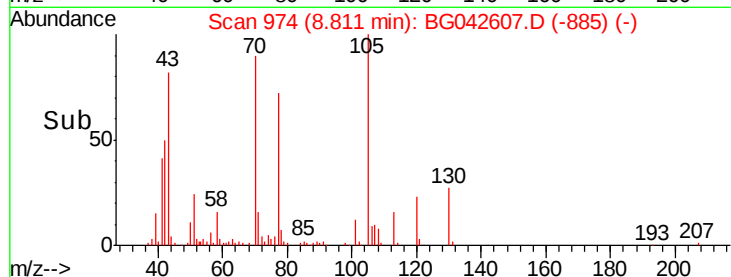
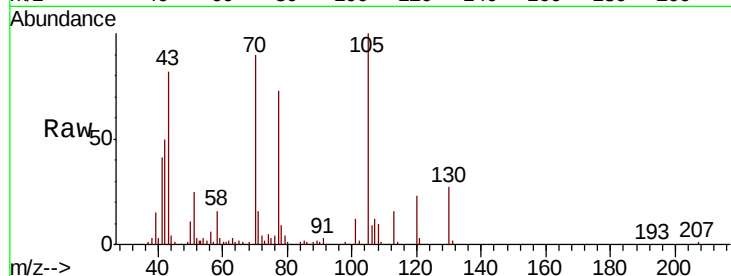




#19
n-Nitroso-di-n-propylamine
Concen: 43.265 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

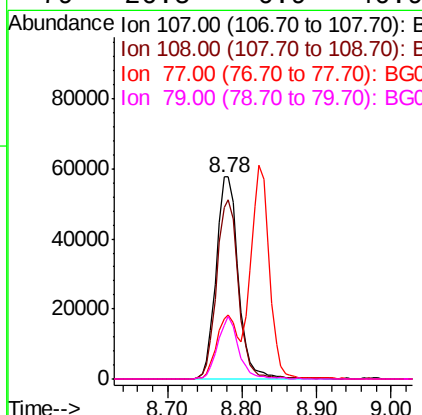
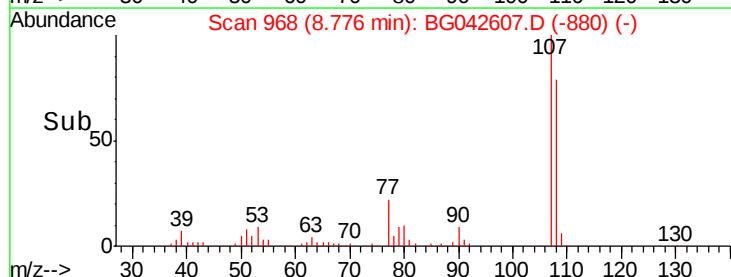
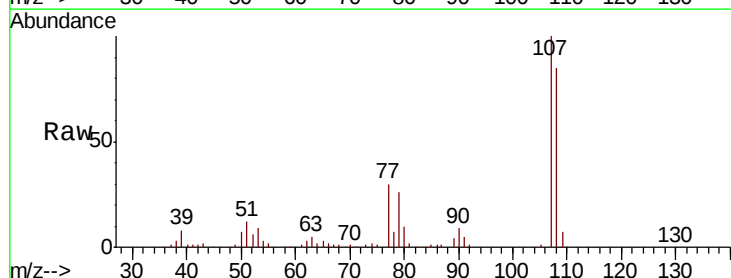
Instrument :
BNA_G
ClientSampleId :

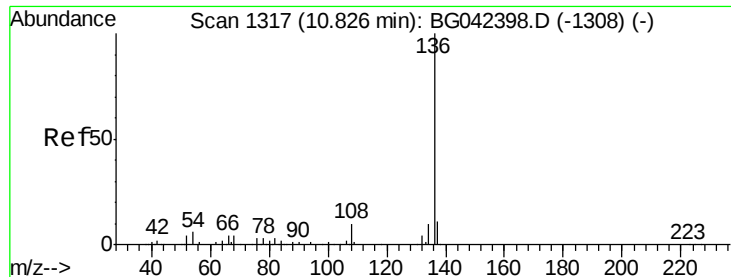
Tot Ion: 70 Resp: 66902
Ion Ratio Lower Upper
70 100
42 55.7 38.8 58.2
101 13.5 9.0 13.6
130 30.3 20.0 30.0#



#20
3+4-Methylphenols
Concen: 48.268 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion: 107 Resp: 119386
Ion Ratio Lower Upper
107 100
108 84.8 68.7 108.7
77 30.0 10.2 50.2
79 26.5 6.9 46.9

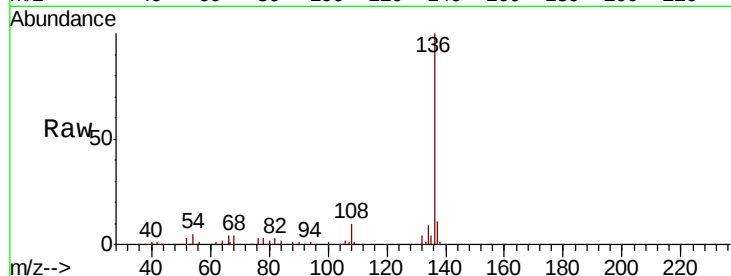




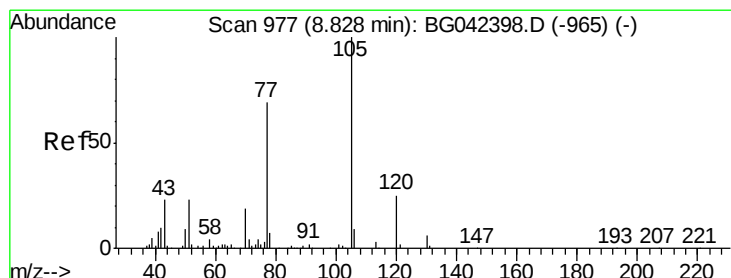
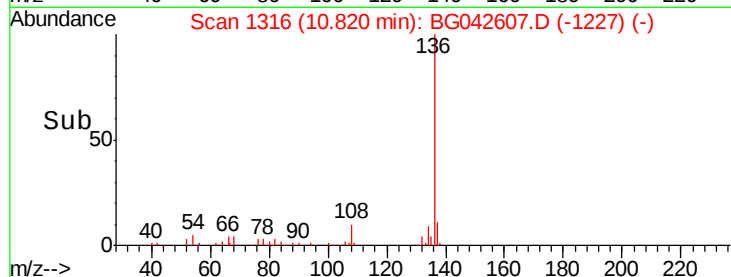
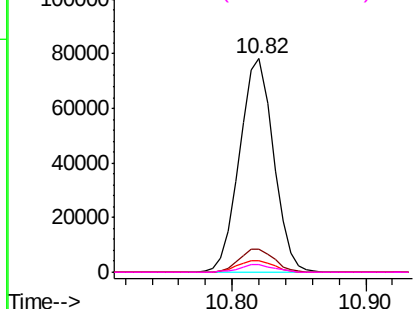
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	137895
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.7	13.1
54 5.4	4.9	7.3
68 3.7	3.6	5.4

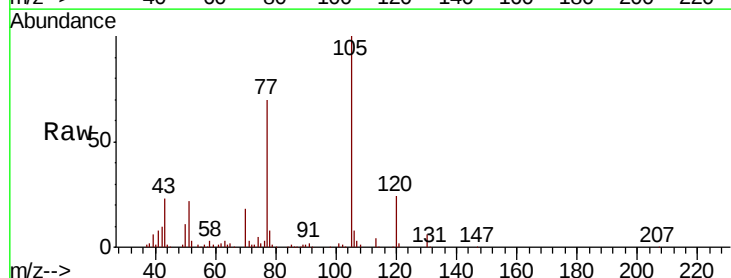


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

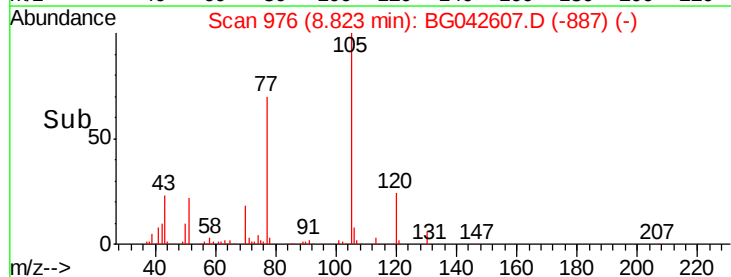
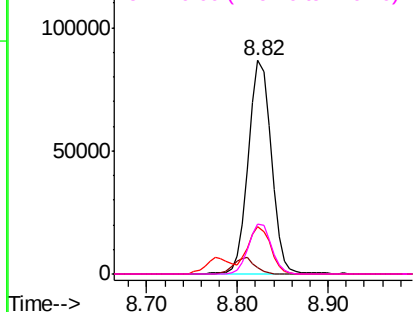


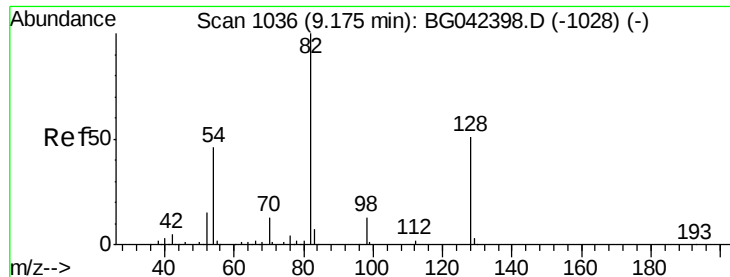
#22
Acetophenone
Concen: 51.964 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt	Ion:105	Resp:	153259
Ion	Ratio	Lower	Upper
105	100		
71	3.2	2.8	4.2
51	22.2	18.7	28.1
120	23.5	20.1	30.1



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

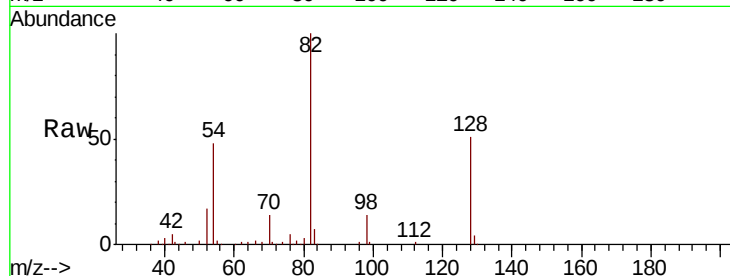




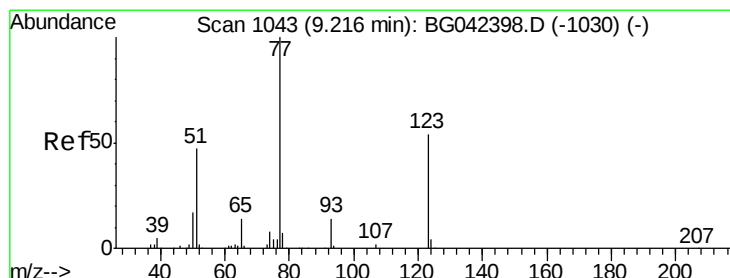
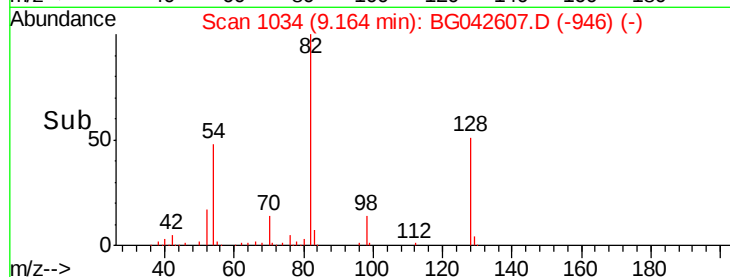
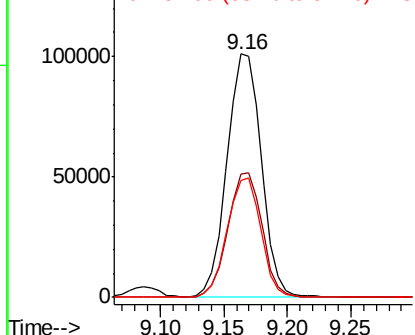
#23
 Nitrobenzene-d5
 Concen: 95.125 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	189819
Ion Ratio	Lower	Upper	
82	100		
128	50.5	40.7	61.1
54	48.0	36.3	54.5

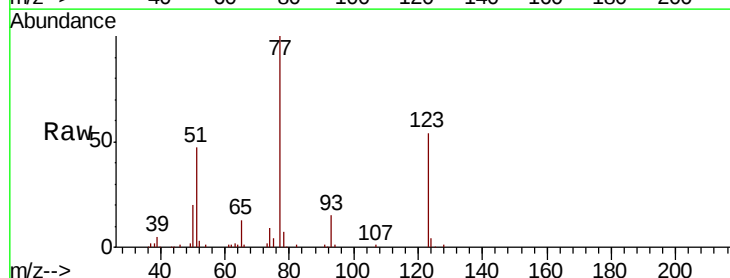


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

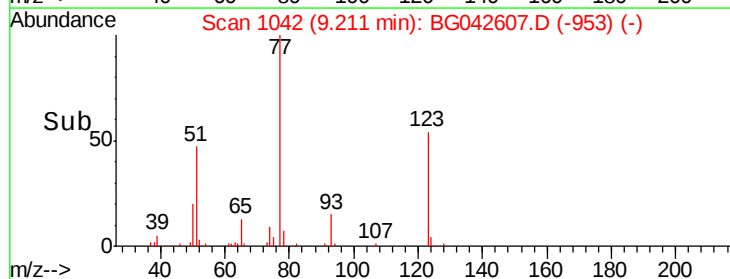
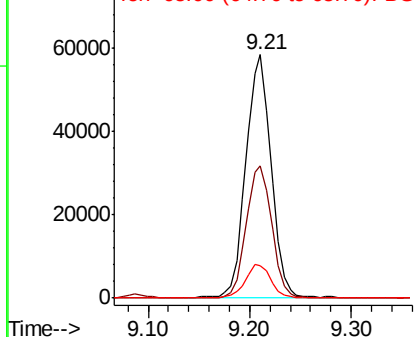


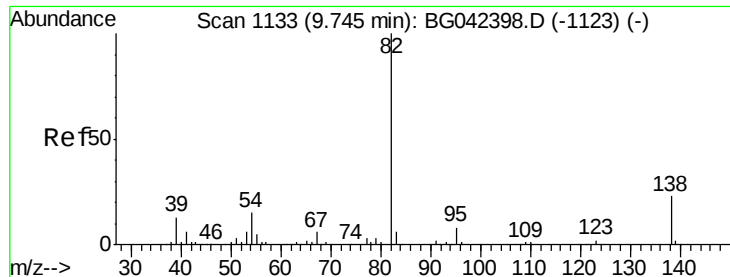
#24
 Nitrobenzene
 Concen: 49.995 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Tgt Ion	77	Resp	101024
Ion Ratio	Lower	Upper	
77	100		
123	54.3	43.4	65.0
65	13.1	11.0	16.6



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: 48.046 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Instrument :

BNA_G

ClientSampleId :

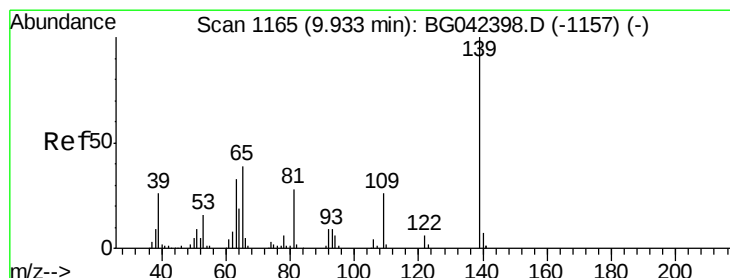
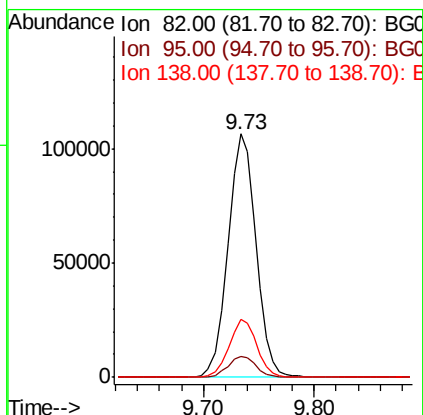
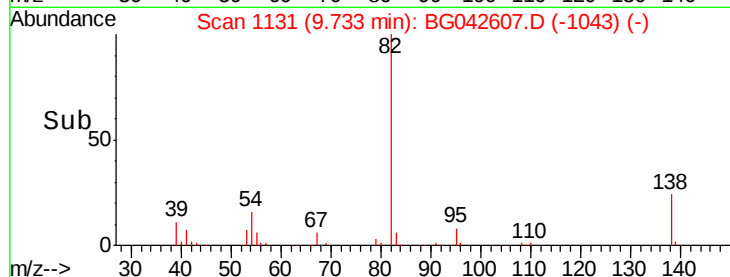
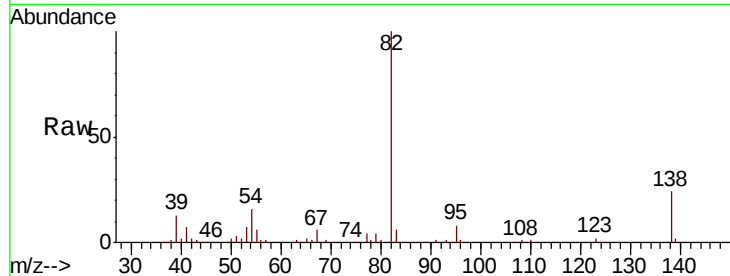
Tot Ion: 82 Resp: 189210

Ion Ratio Lower Upper

82 100

95 8.4 6.6 9.8

138 23.6 18.6 27.8



#26

2-Nitrophenol

Concen: 53.145 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

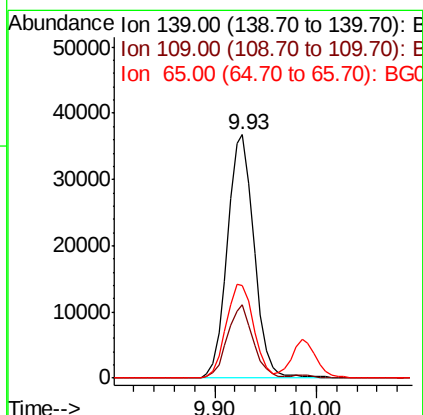
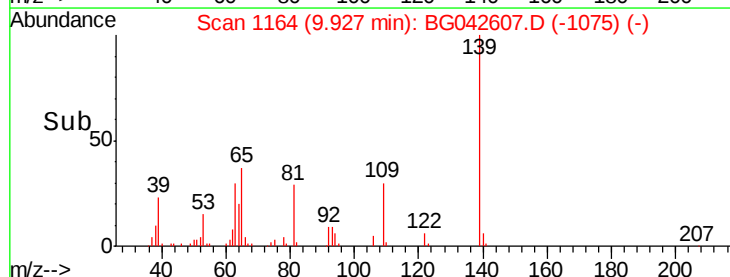
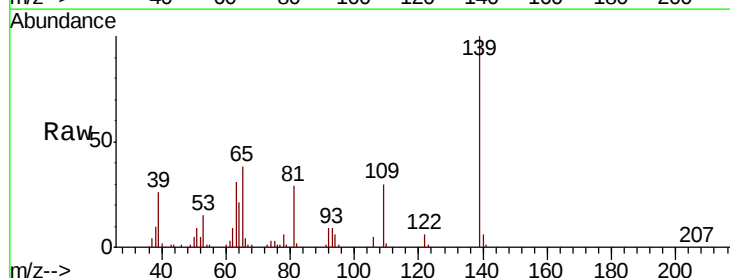
Tgt Ion: 139 Resp: 67297

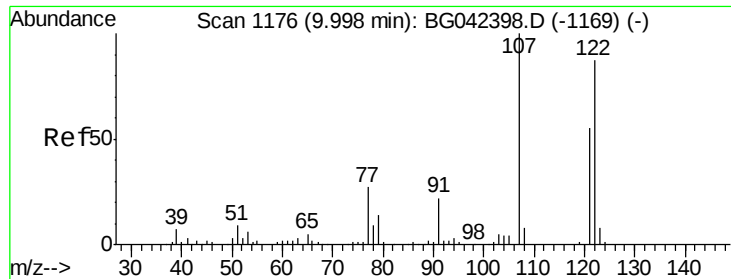
Ion Ratio Lower Upper

139 100

109 30.4 20.5 30.7

65 38.0 30.9 46.3

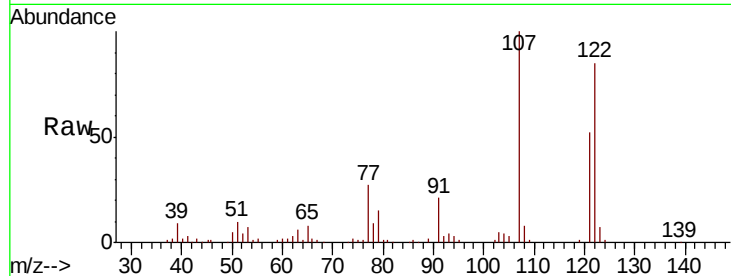




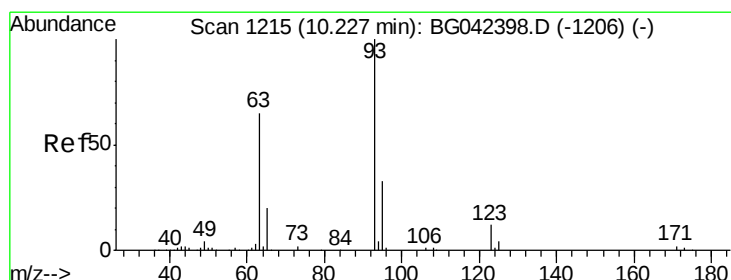
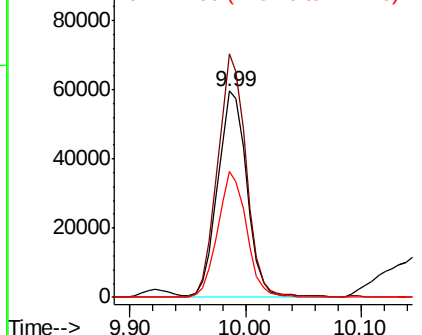
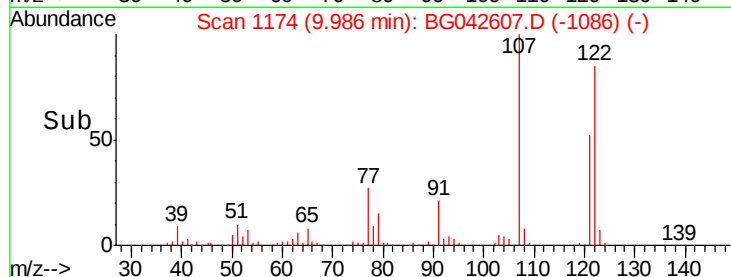
#27
 2,4-Dimethylphenol
 Concen: 59.055 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.2	90.8	136.2
121	61.1	49.6	74.4

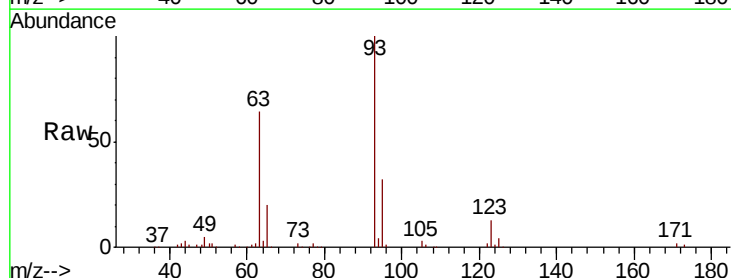


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

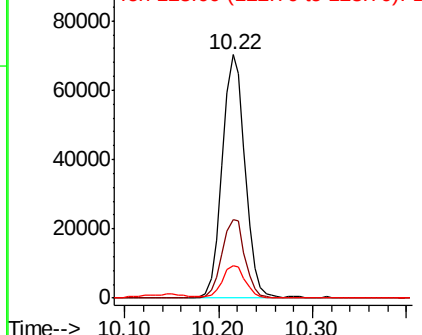
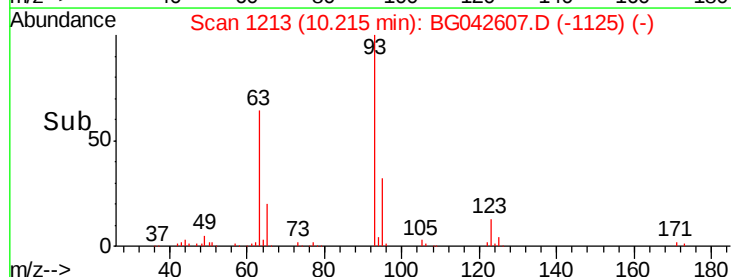


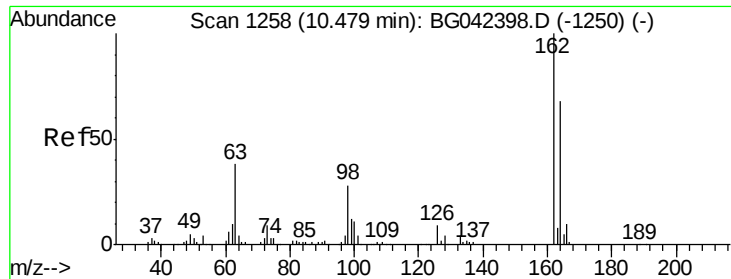
#28
 bis(2-Chloroethoxy)methane
 Concen: 47.917 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.6	40.0
123	13.4	10.1	15.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 55.405 ng

RT: 10.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Instrument :

BNA_G

ClientSampleId :

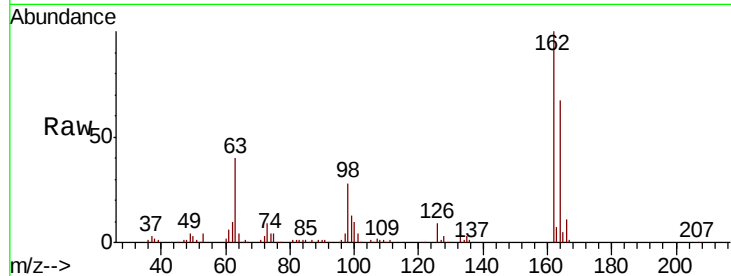
Tot Ion:162 Resp: 126446

Ion Ratio Lower Upper

162 100

164 67.4 48.1 88.1

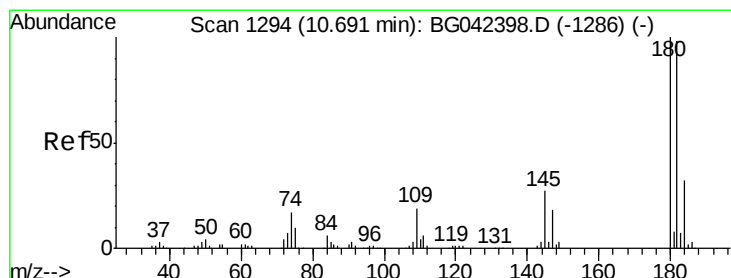
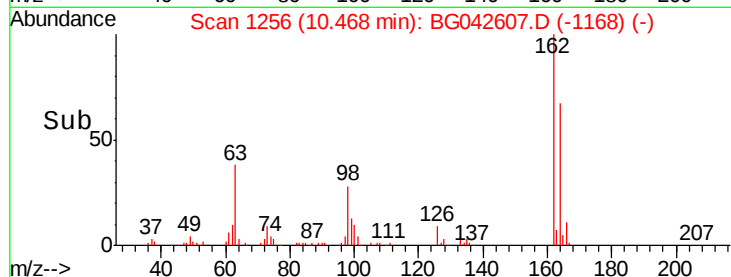
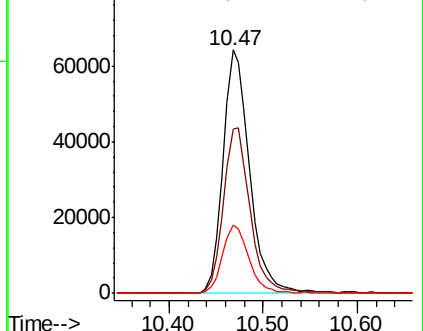
98 28.2 7.6 47.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 51.703 ng

RT: 10.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

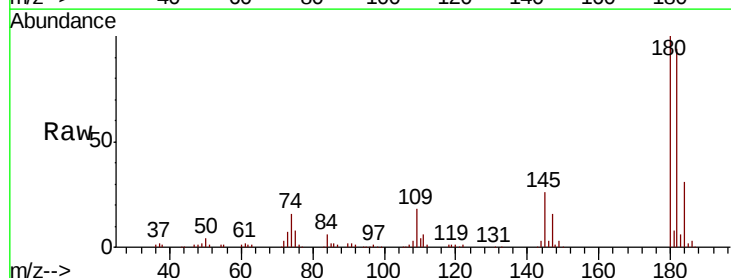
Tgt Ion:180 Resp: 144832

Ion Ratio Lower Upper

180 100

182 94.4 78.7 118.1

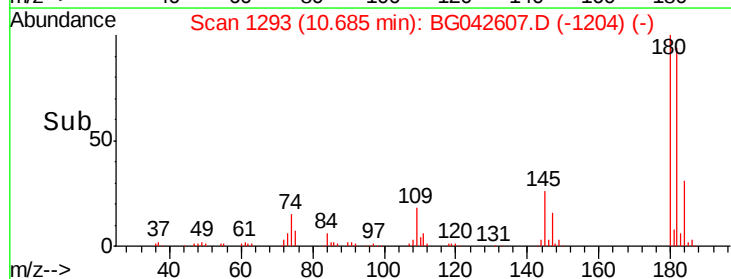
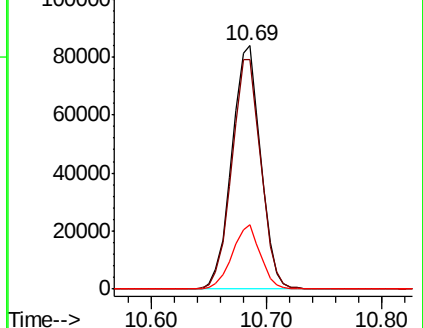
145 26.3 21.6 32.4

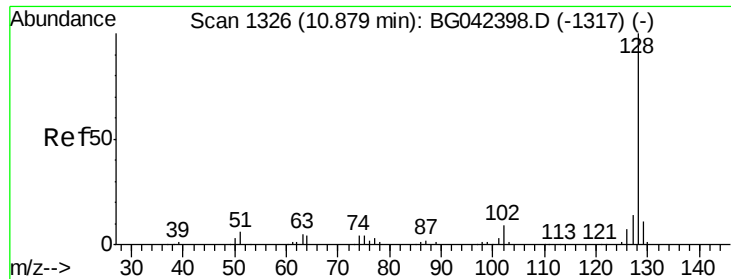


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

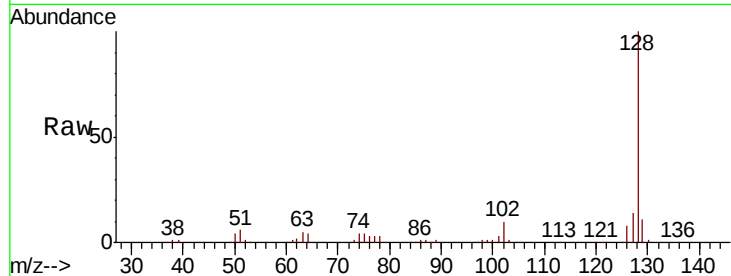




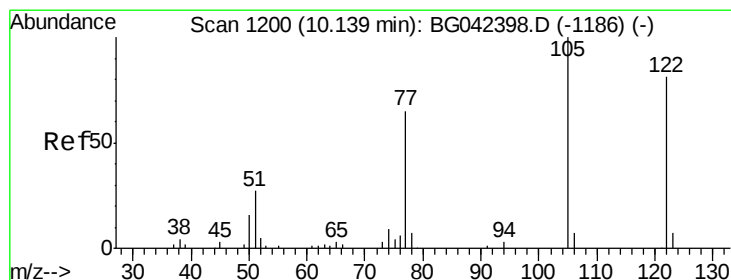
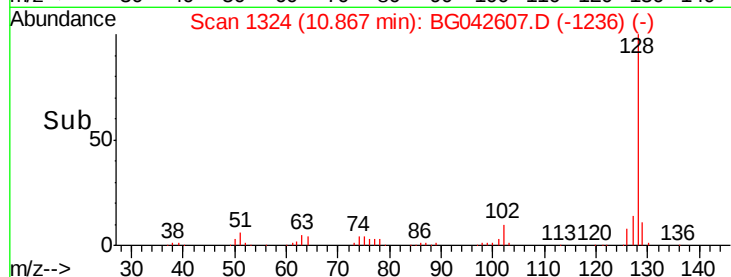
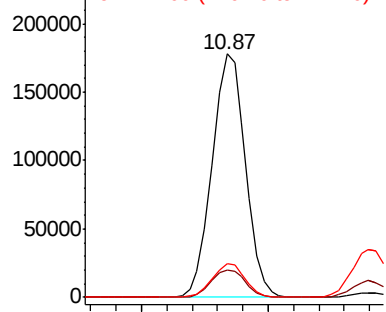
#31
Naphthalene
Concen: 50.706 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 324623
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.7 11.4 17.0

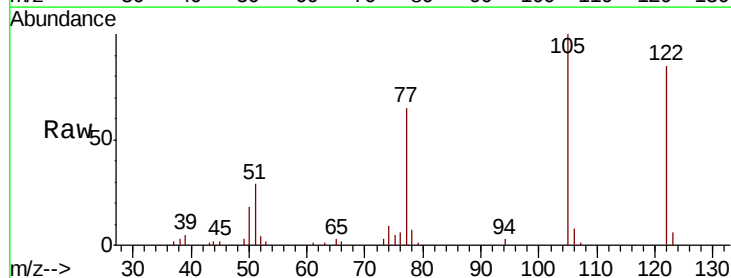


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

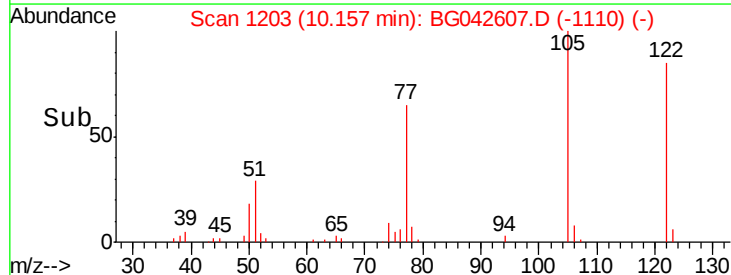
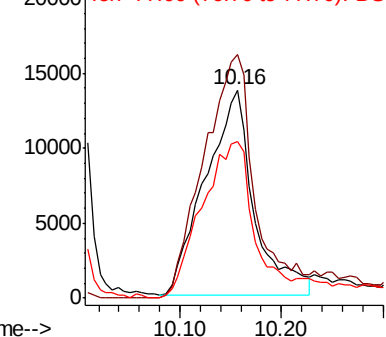


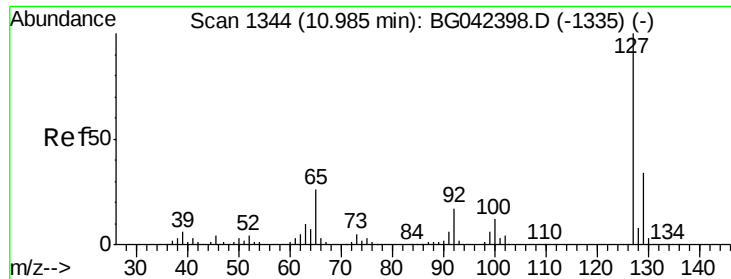
#32
Benzoic acid
Concen: 38.270 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.02 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion:122 Resp: 45922
Ion Ratio Lower Upper
122 100
105 117.1 99.6 139.6
77 75.6 59.5 99.5



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

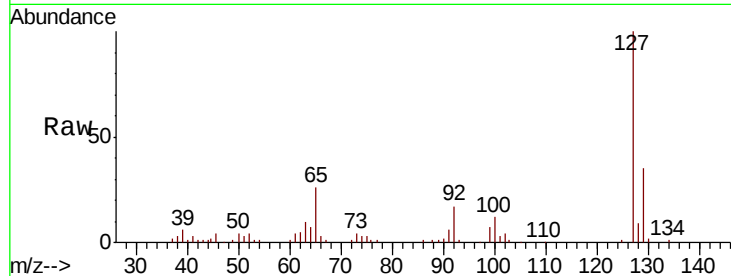




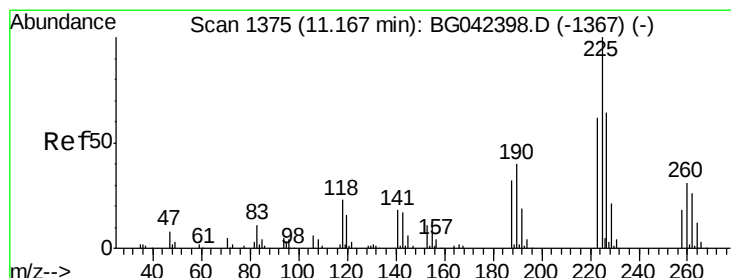
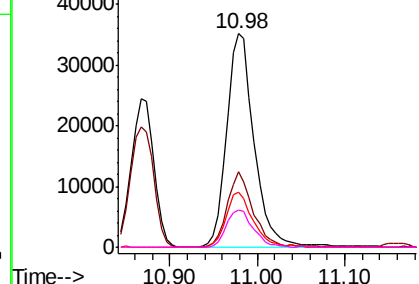
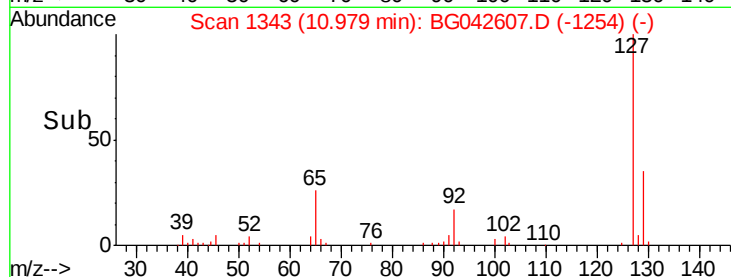
#33
4-Chloroaniline
Concen: 25.690 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	75925
Ion	Ratio	Lower	Upper
127	100		
129	35.3	26.8	40.2
65	25.9	20.7	31.1
92	17.2	13.6	20.4

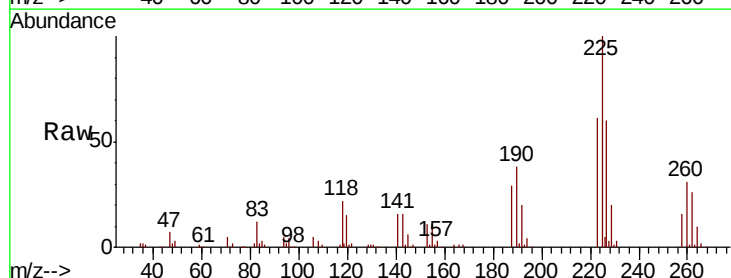


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

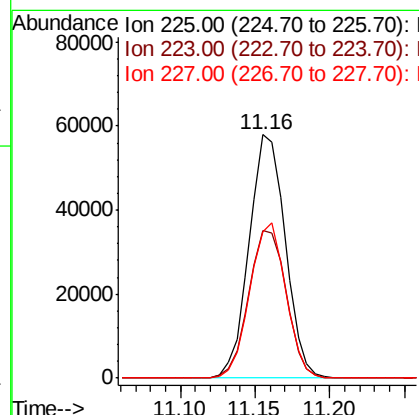
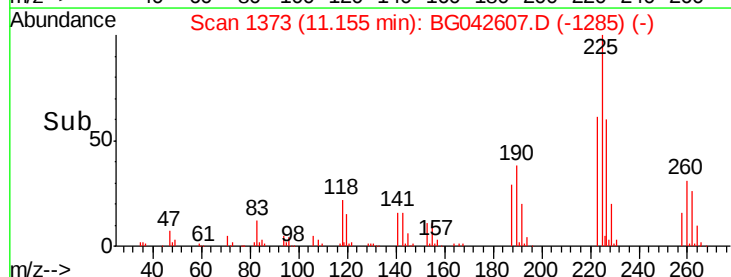


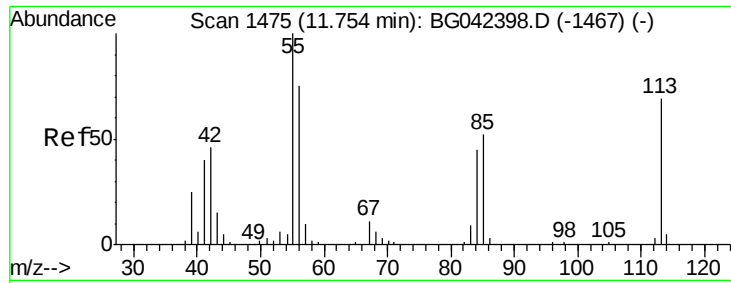
#34
Hexachlorobutadiene
Concen: 51.577 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion:	225	Resp:	97100
Ion	Ratio	Lower	Upper
225	100		
223	60.8	49.8	74.6
227	60.1	50.9	76.3



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

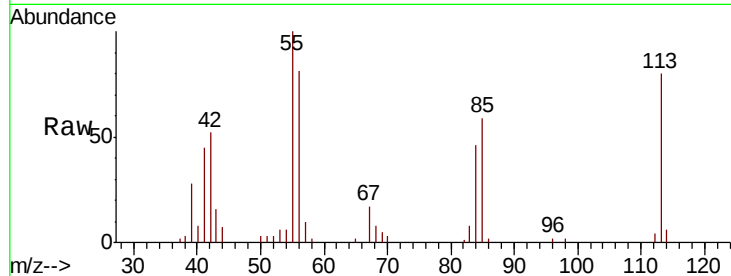




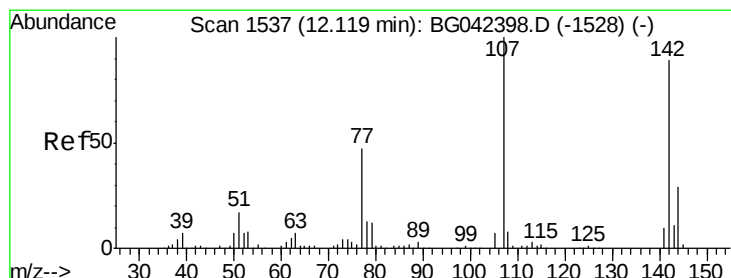
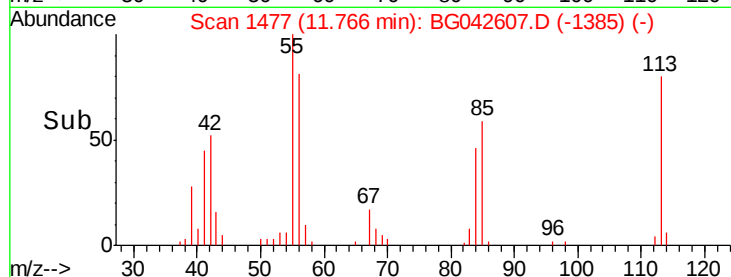
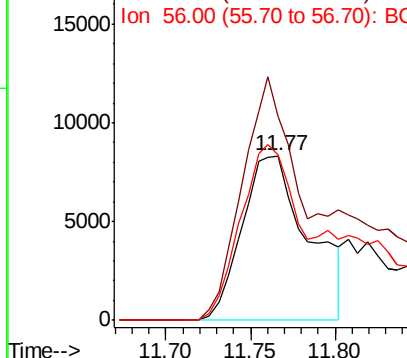
#35
 Caprolactam
 Concen: 29.818 ng
 RT: 11.77 min Scan# 1477
 Delta R.T. 0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 22707
 Ion Ratio Lower Upper
 113 100
 55 124.3 124.6 164.6#
 56 100.4 88.3 128.3

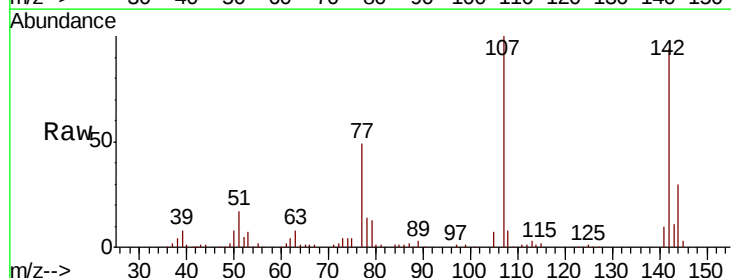


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

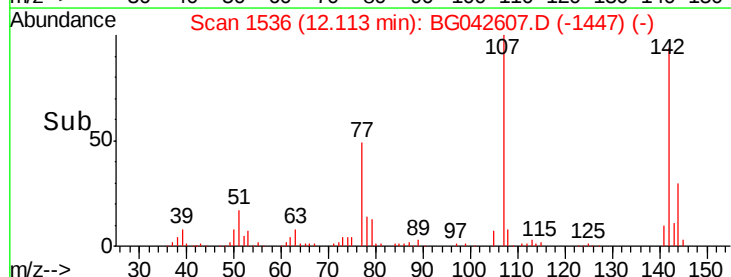
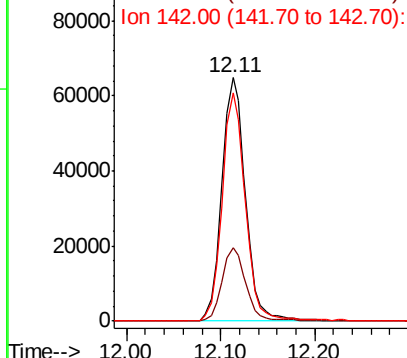


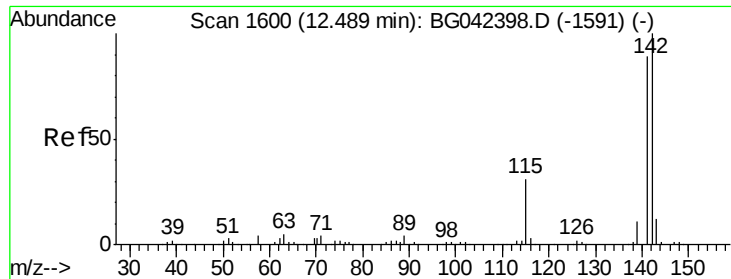
#36
 4-Chloro-3-methylphenol
 Concen: 52.459 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Tgt Ion:107 Resp: 113652
 Ion Ratio Lower Upper
 107 100
 144 30.2 23.6 35.4
 142 93.7 71.0 106.4



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

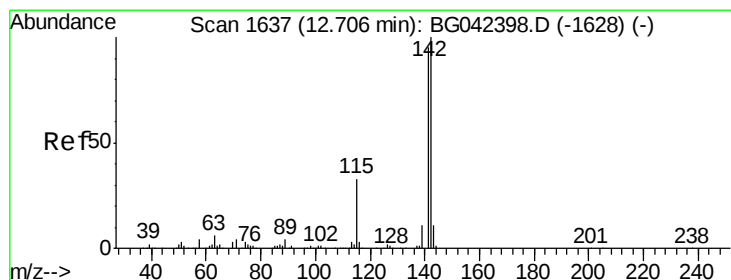
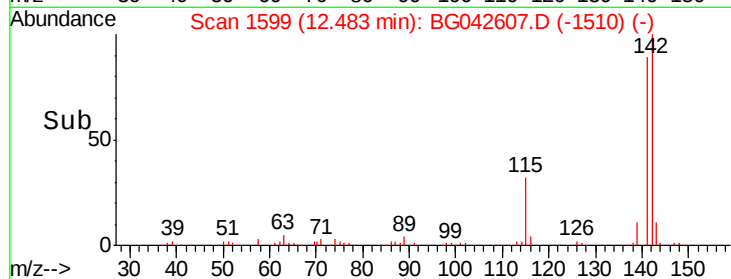
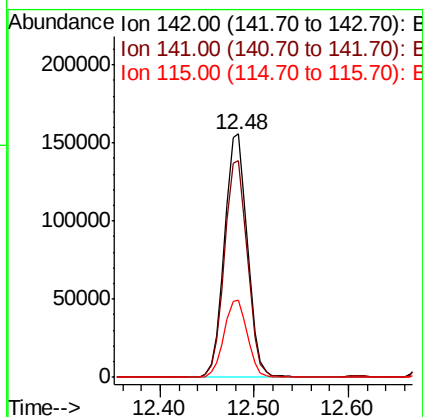
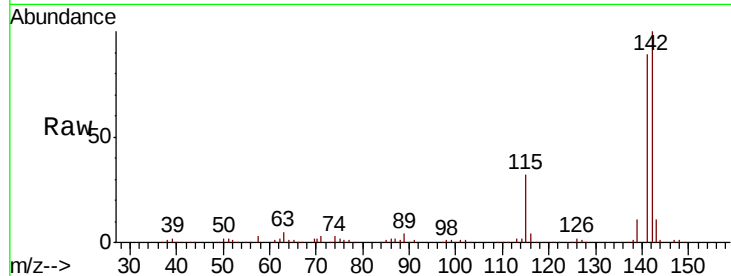




#37
2-Methylnaphthalene
Concen: 51.699 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

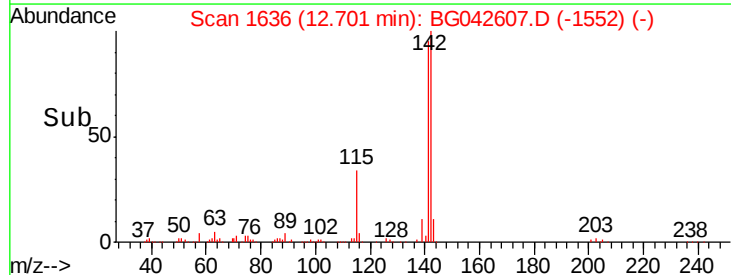
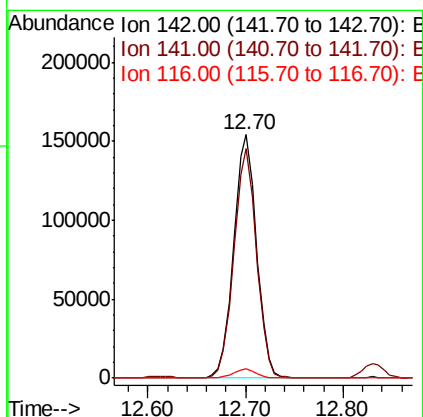
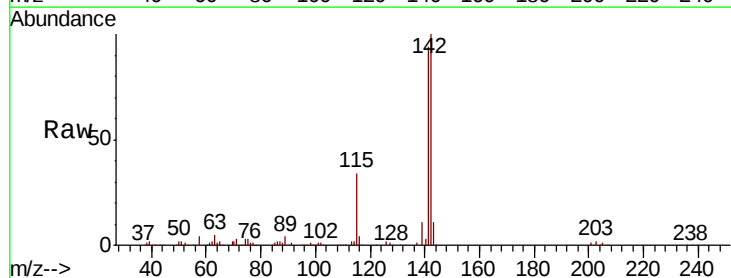
Instrument :
BNA_G
ClientSampleId :

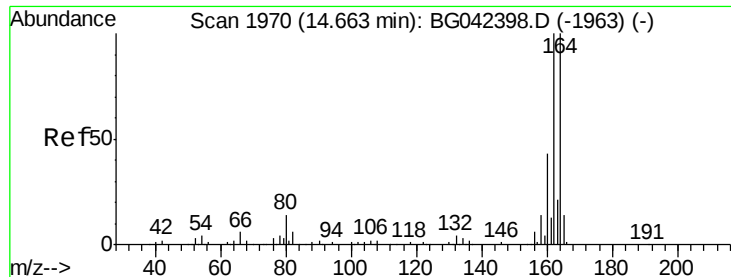
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.4	107.2
115	32.0	25.2	37.8



#38
1-Methylnaphthalene
Concen: 51.366 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	76.2	114.2
116	3.7	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Instrument :

BNA_G

ClientSampleId :

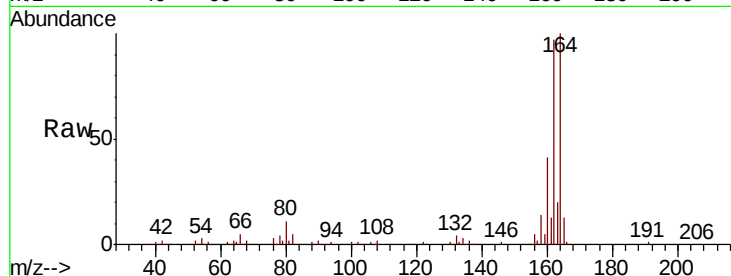
Tot Ion:164 Resp: 102979

Ion Ratio Lower Upper

164 100

162 97.4 79.9 119.9

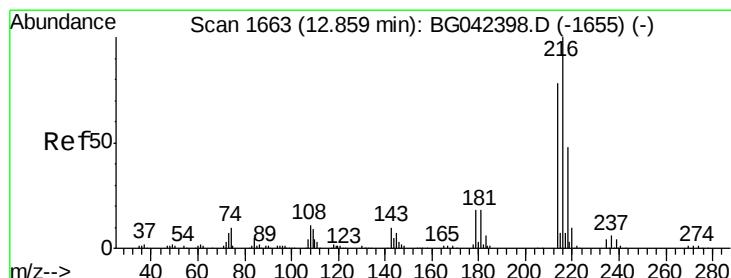
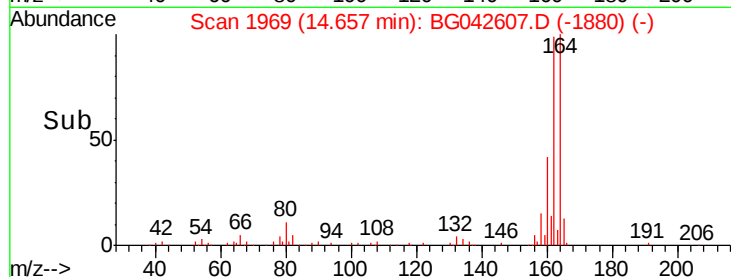
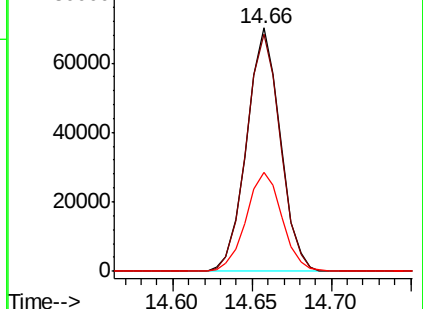
160 40.9 34.3 51.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 55.137 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Tgt Ion:216 Resp: 182339

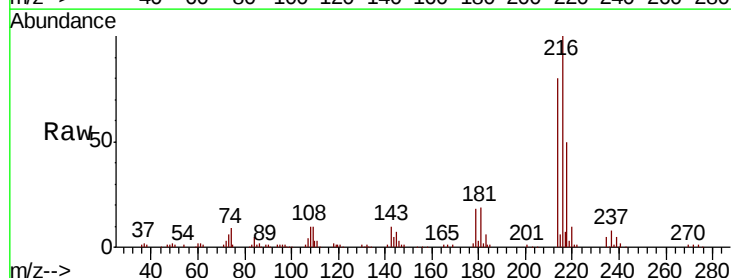
Ion Ratio Lower Upper

216 100

214 77.7 61.4 92.2

179 18.1 15.1 22.7

108 12.2 9.4 14.0

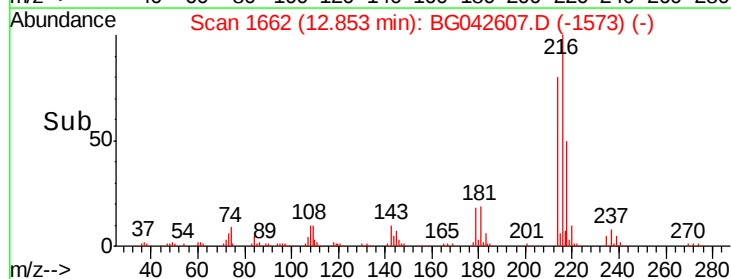
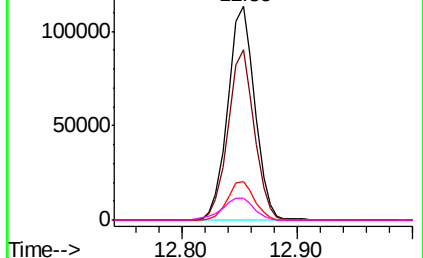


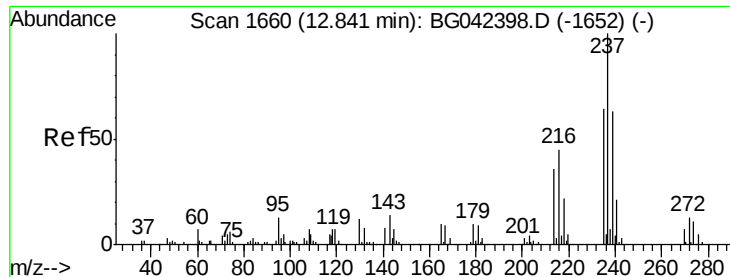
Abundance Ion 216.00 (215.70 to 216.70): E

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: 96.475 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Instrument :

BNA_G

ClientSampleId :

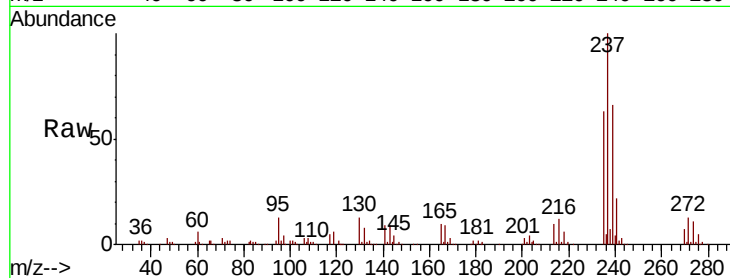
Tot Ion:237 Resp: 167590

Ion Ratio Lower Upper

237 100

235 62.9 43.7 83.7

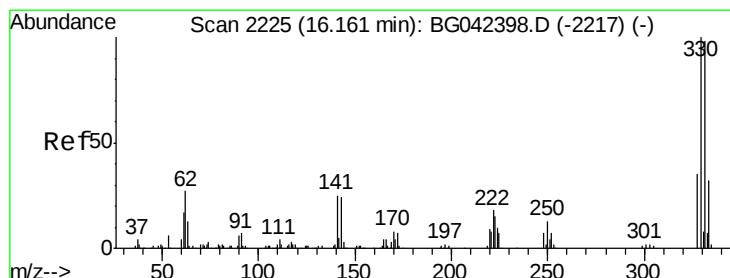
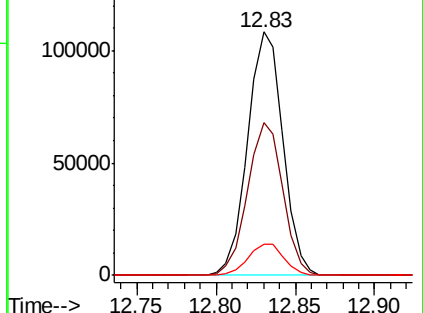
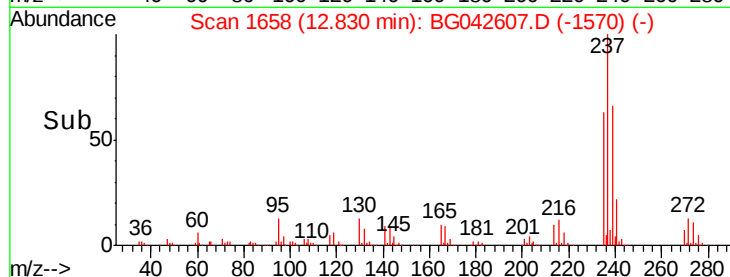
272 12.7 0.0 33.3



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: 148.921 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

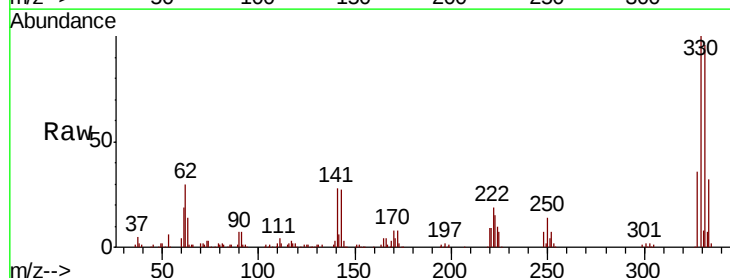
Tgt Ion:330 Resp: 217973

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.0

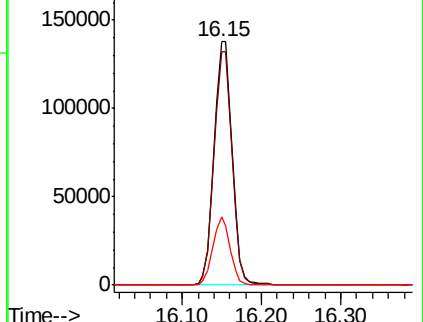
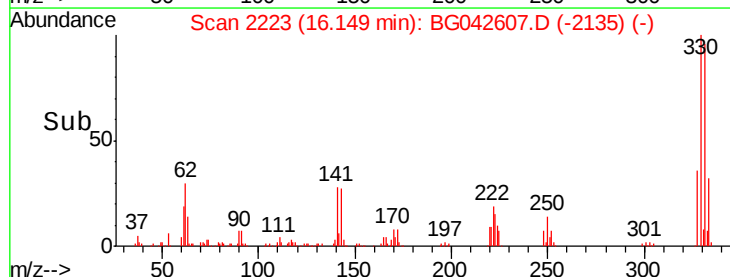
141 26.7 21.4 32.0

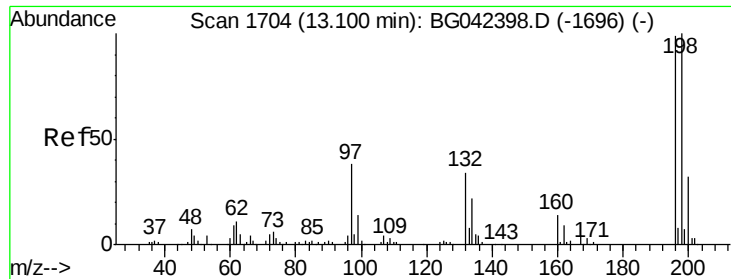


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

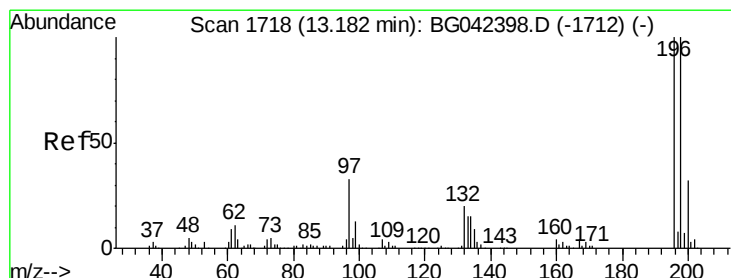
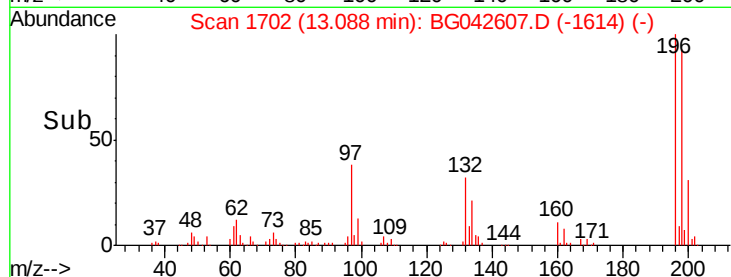
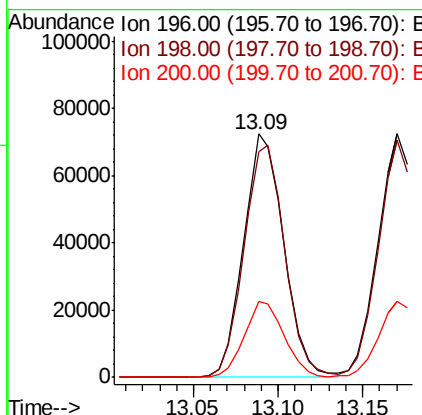
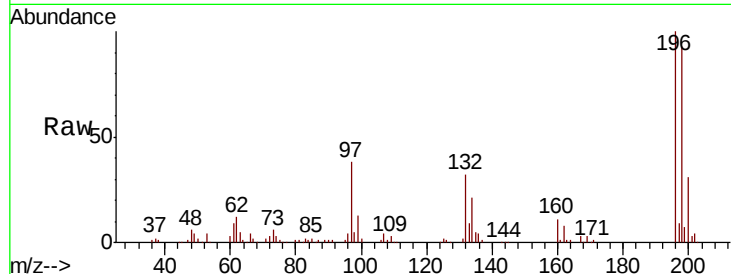




#43
 2,4,6-Trichlorophenol
 Concen: 53.477 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

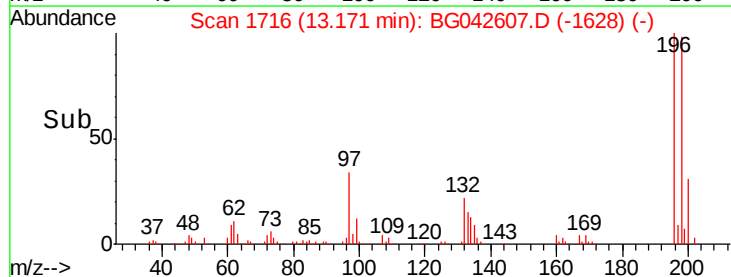
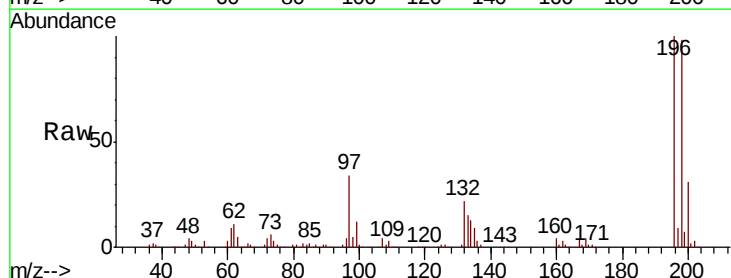
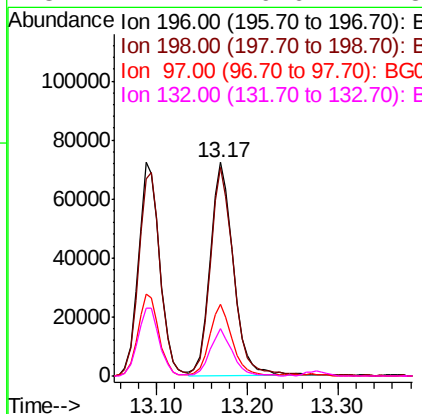
Instrument :
 BNA_G
 ClientSampled :

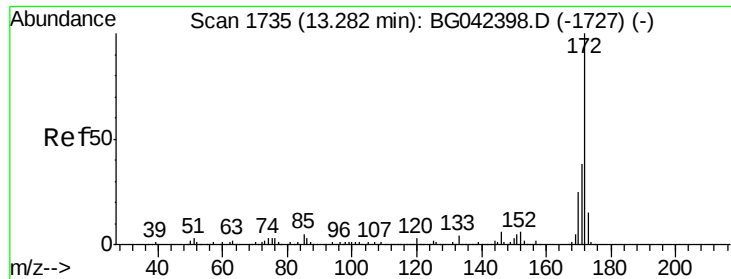
Tot Ion	196	Resp	119538
Ion Ratio	Lower	Upper	
196	100		
198	92.6	80.7	121.1
200	31.1	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 55.457 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Tgt Ion	196	Resp	128462
Ion Ratio	Lower	Upper	
196	100		
198	97.6	80.2	120.4
97	33.9	26.3	39.5
132	22.1	16.6	24.8

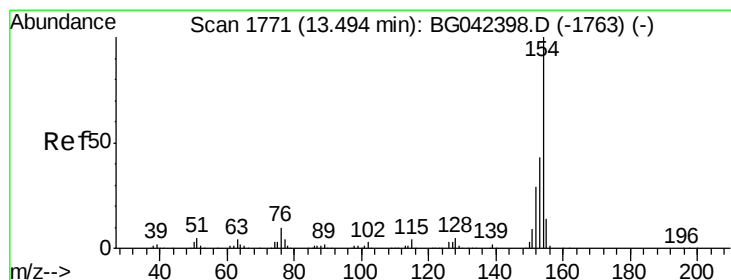
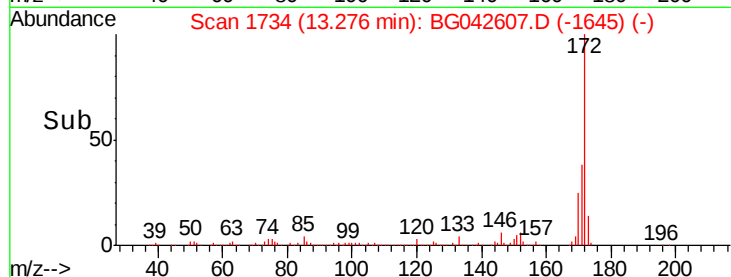
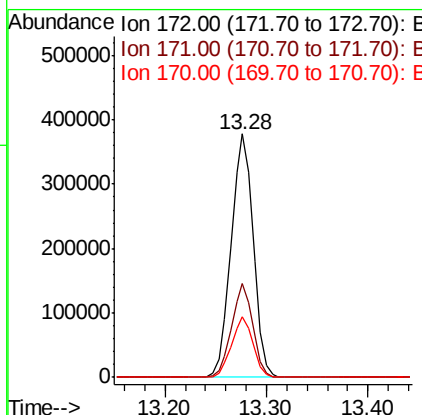
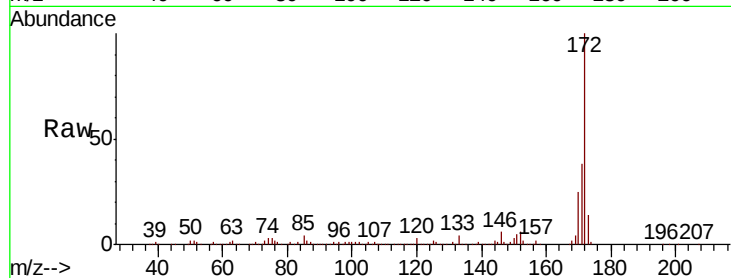




#45
2-Fluorobiphenyl
Concen: 93.949 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

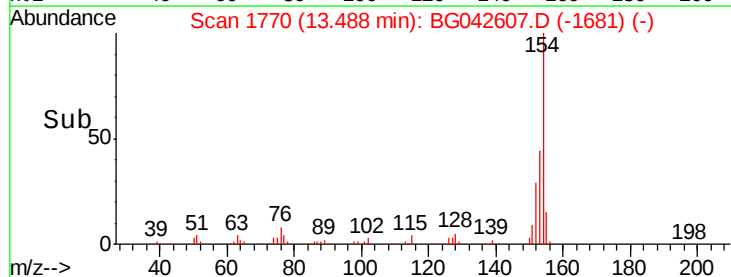
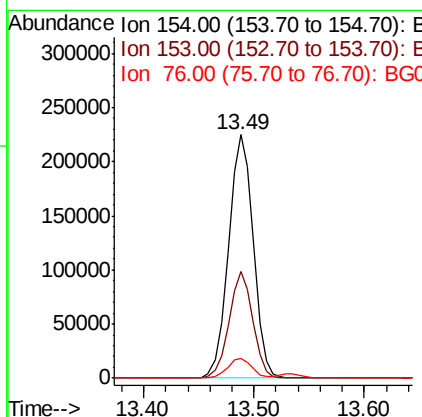
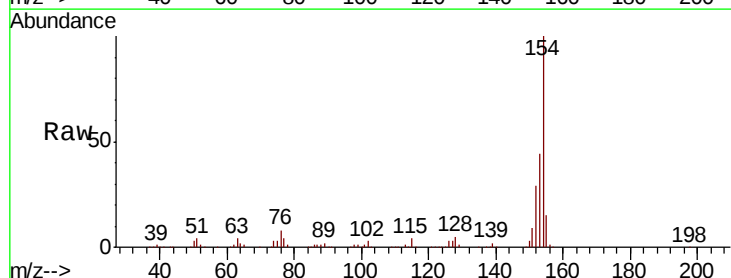
Instrument :
BNA_G
ClientSampleId :

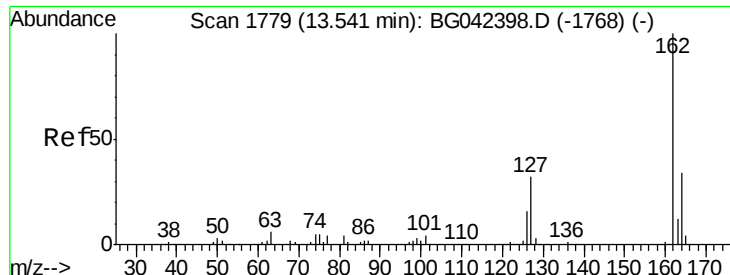
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.5	45.7
170	24.8	20.2	30.2



#46
1,1'-Biphenyl
Concen: 52.615 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.9	23.0	63.0
76	8.2	0.0	29.6

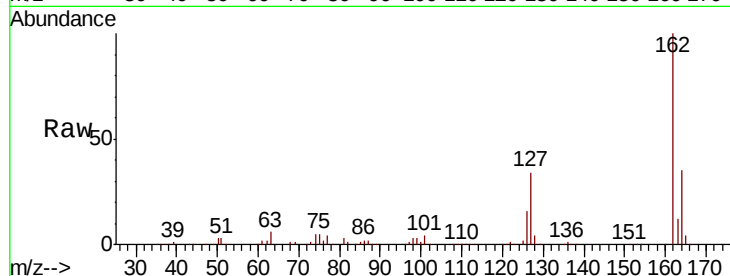




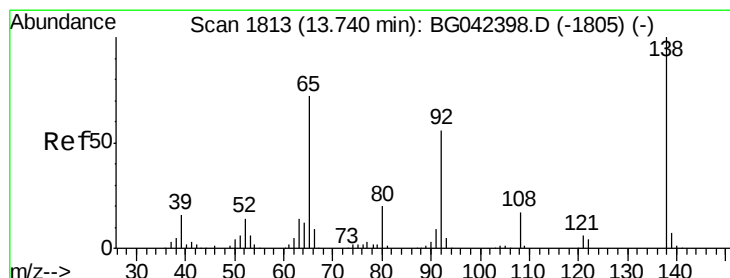
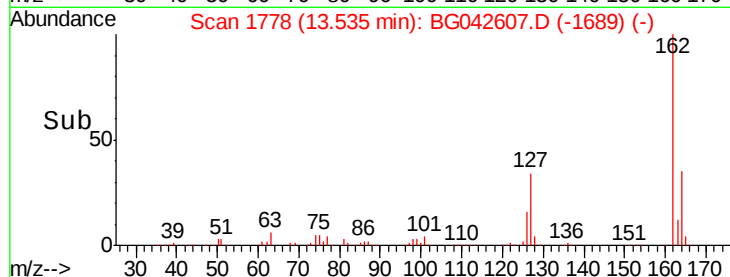
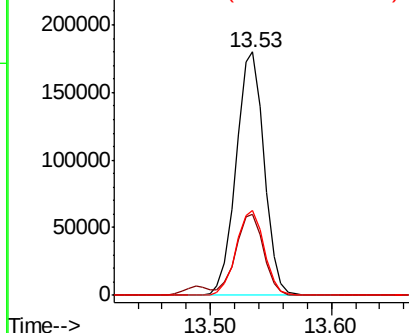
#47
 2-Chloronaphthalene
 Concen: 50.746 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:162 Resp: 291270
 Ion Ratio Lower Upper
 162 100
 127 33.5 26.0 39.0
 164 35.0 27.4 41.0

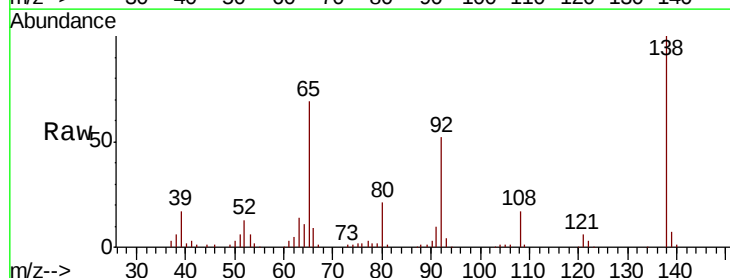


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

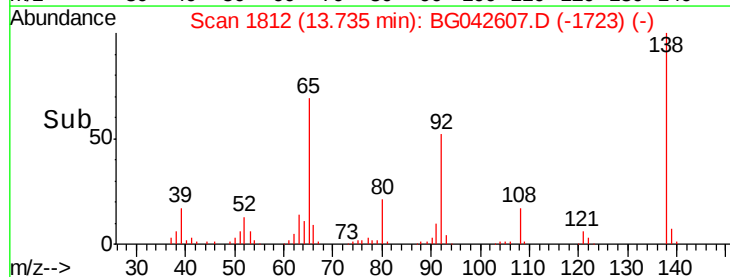
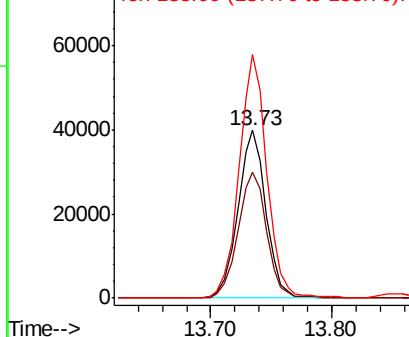


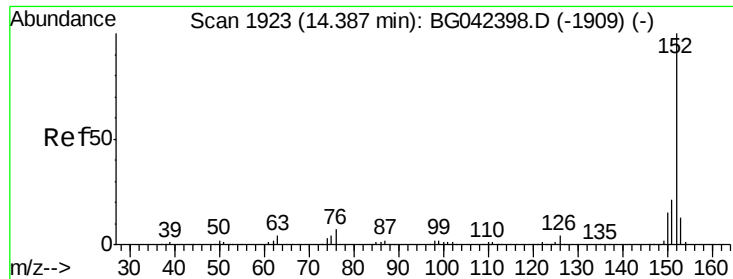
#48
 2-Nitroaniline
 Concen: 46.465 ng
 RT: 13.73 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Tgt Ion: 65 Resp: 64312
 Ion Ratio Lower Upper
 65 100
 92 74.9 61.8 92.6
 138 145.1 111.0 166.6



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





#49

Acenaphthylene

Concen: 52.686 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Instrument :

BNA_G

ClientSampleId :

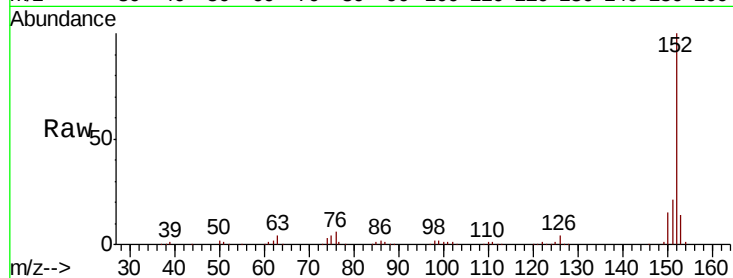
Tot Ion:152 Resp: 454963

Ion Ratio Lower Upper

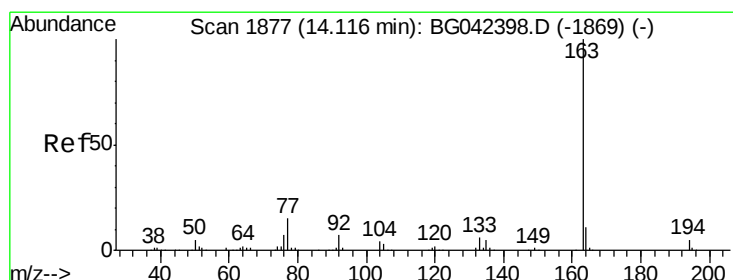
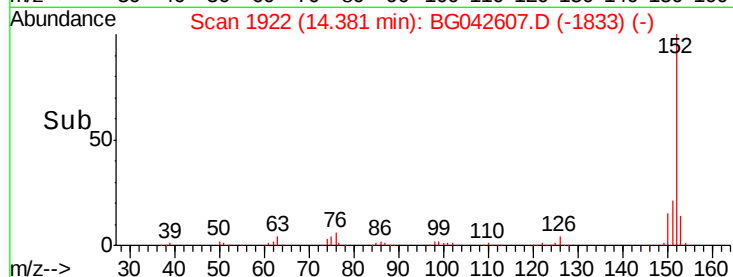
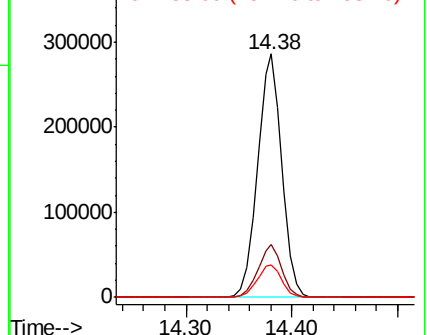
152 100

151 21.5 17.0 25.4

153 13.5 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 56.172 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

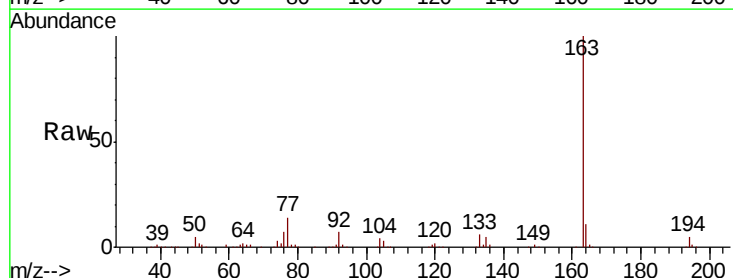
Tgt Ion:163 Resp: 417372

Ion Ratio Lower Upper

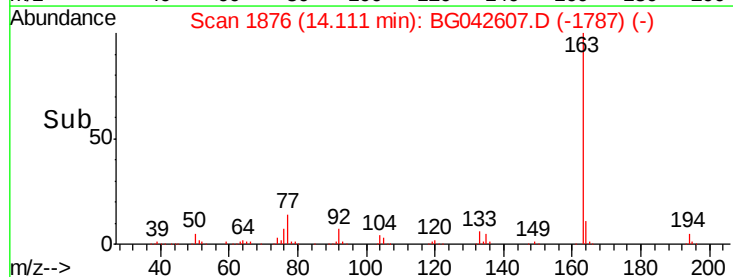
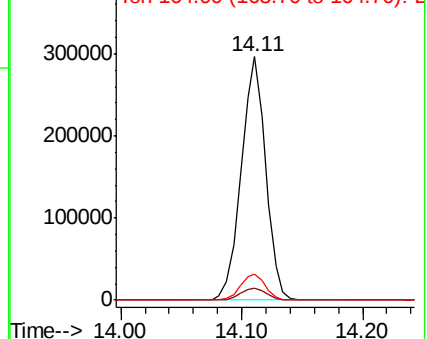
163 100

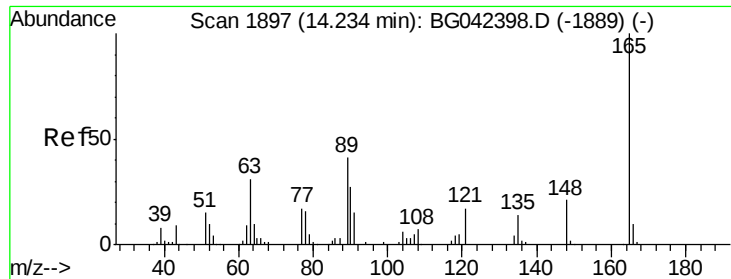
194 5.1 4.2 6.2

164 10.5 8.8 13.2



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

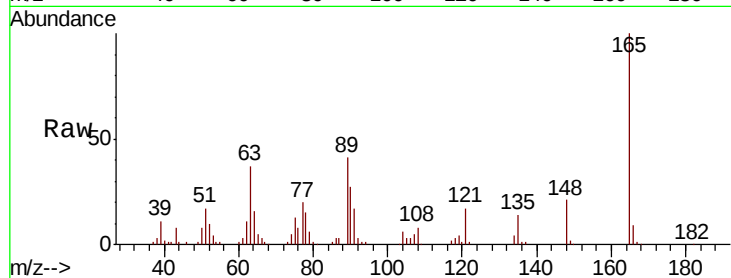




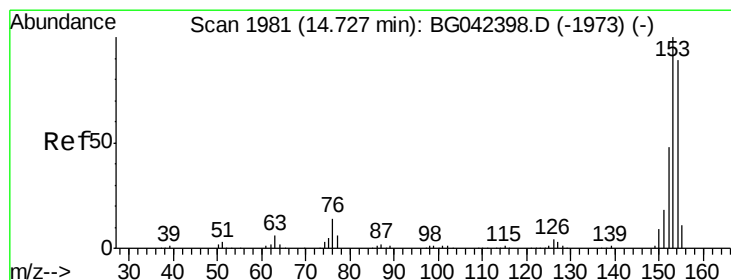
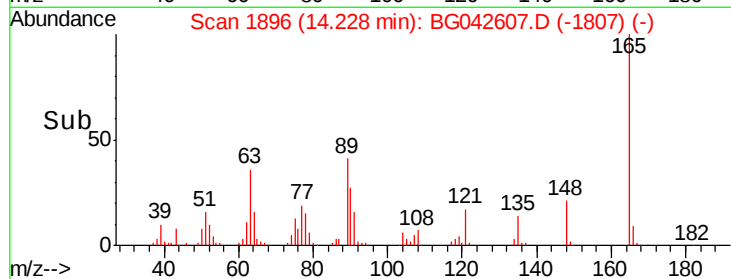
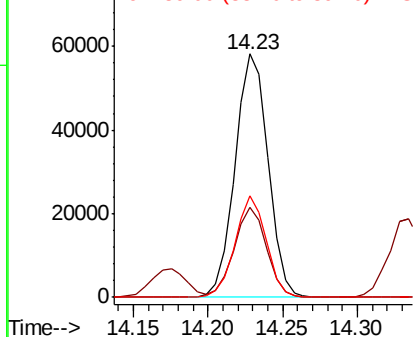
#51
 2,6-Dinitrotoluene
 Concen: 51.784 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.9	30.6	45.8
89	41.5	32.6	49.0

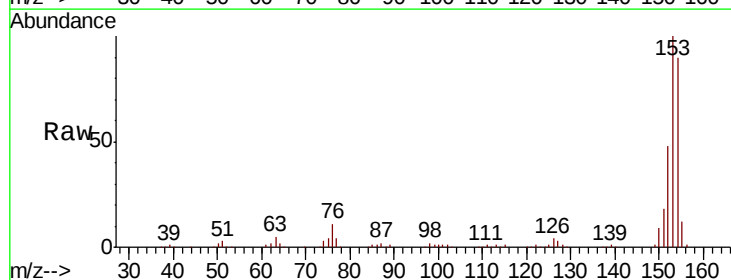


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

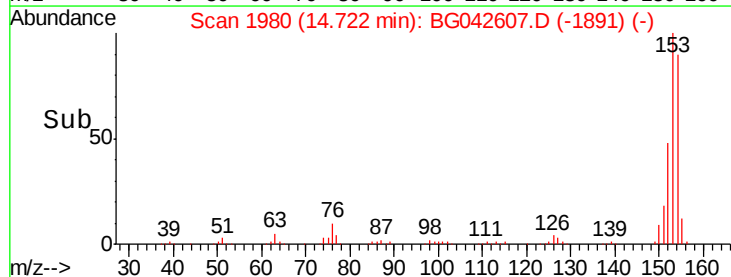
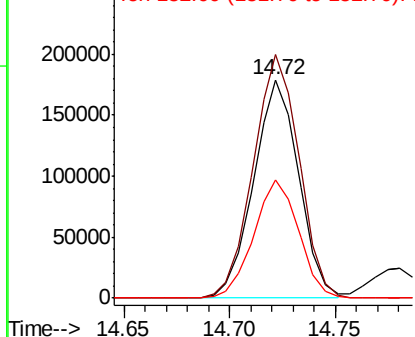


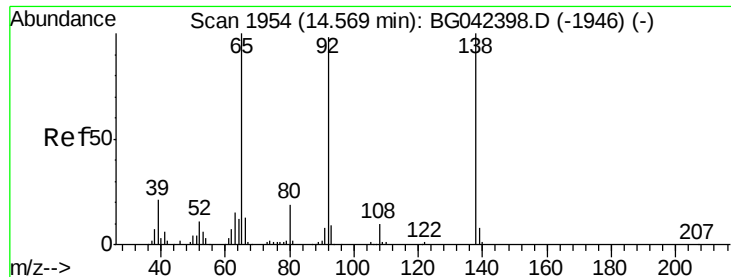
#52
 Acenaphthene
 Concen: 50.693 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.6	90.2	135.4
152	54.0	43.2	64.8



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

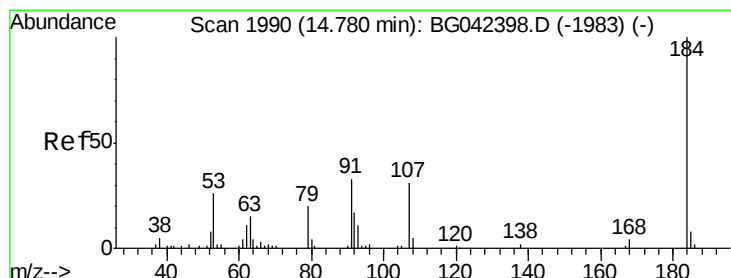
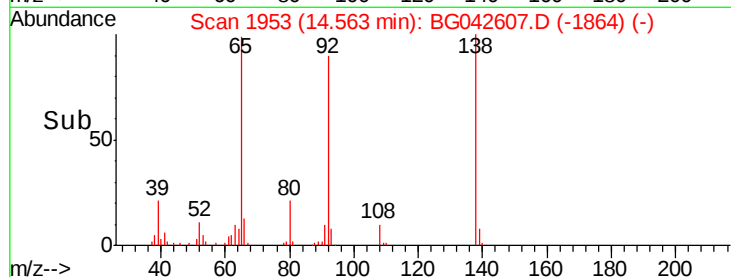
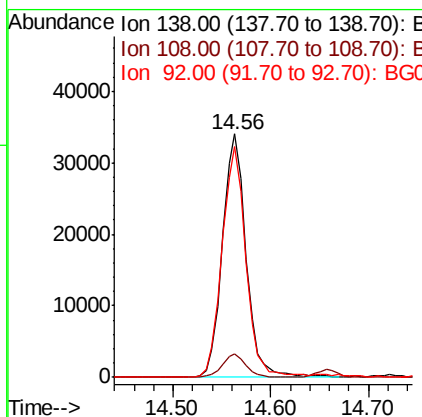
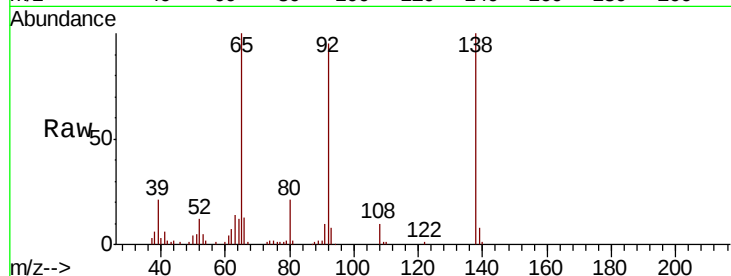




#53
3-Nitroaniline
Concen: 33.345 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

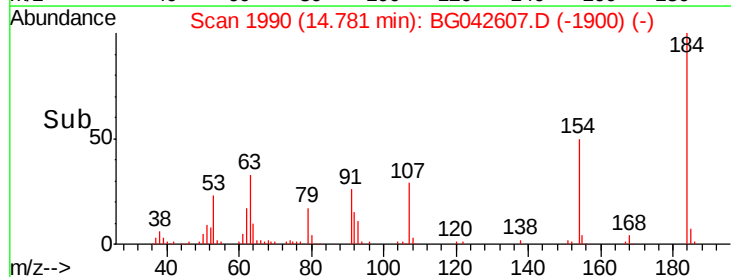
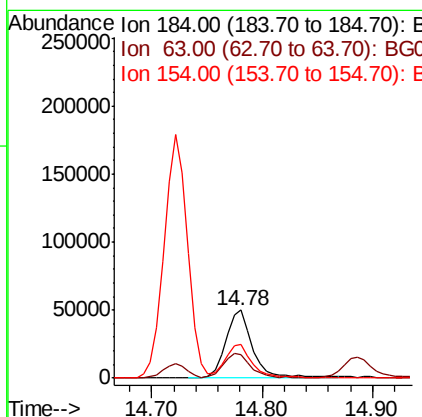
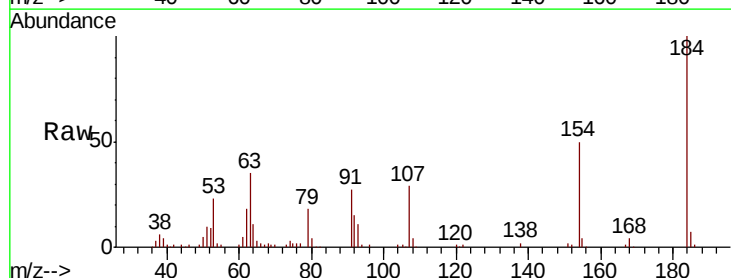
Instrument :
BNA_G
ClientSampled :

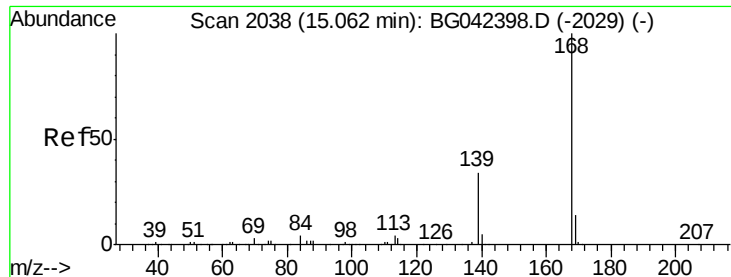
Tot Ion:138 Resp: 57435
Ion Ratio Lower Upper
138 100
108 9.6 8.3 12.5
92 95.0 78.2 117.4



#54
2,4-Dinitrophenol
Concen: 74.059 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion:184 Resp: 85395
Ion Ratio Lower Upper
184 100
63 35.4 31.7 47.5
154 50.0 42.0 63.0





#55

Dibenzenofuran

Concen: 53.396 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Instrument :

BNA_G

ClientSampleId :

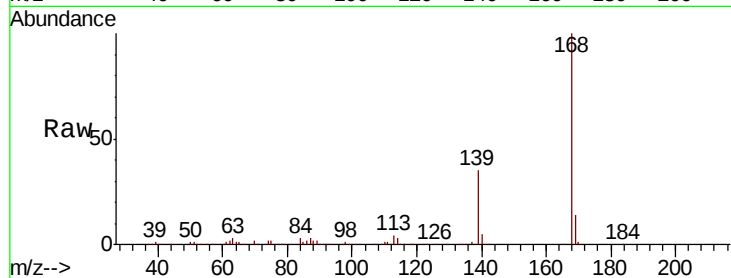
Tot Ion:168 Resp: 463452

Ion Ratio Lower Upper

168 100

139 35.3 27.2 40.8

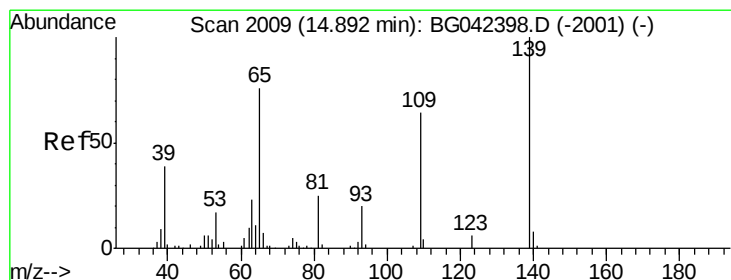
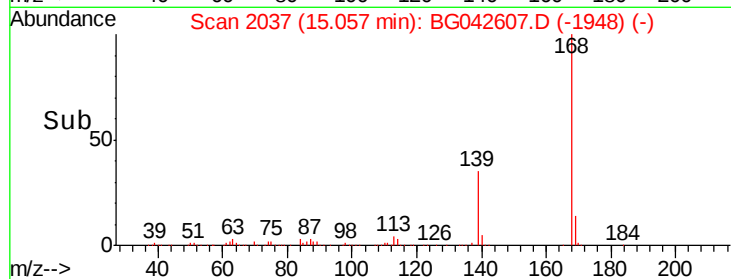
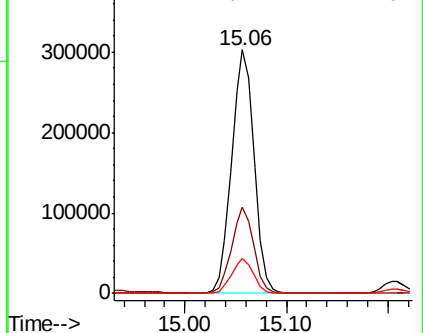
169 14.2 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 105.895 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

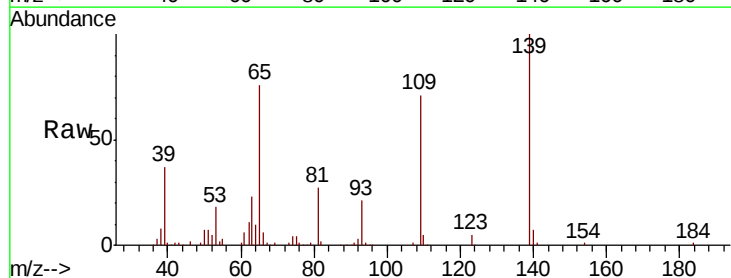
Tgt Ion:139 Resp: 129608

Ion Ratio Lower Upper

139 100

109 70.6 43.9 83.9

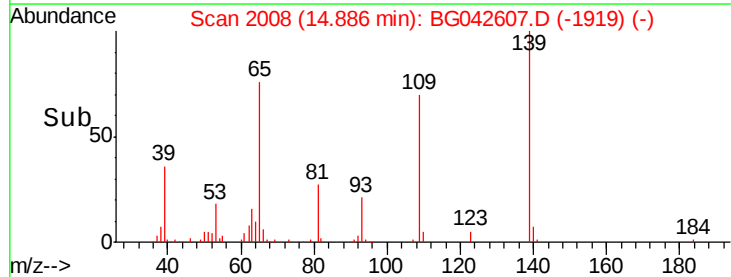
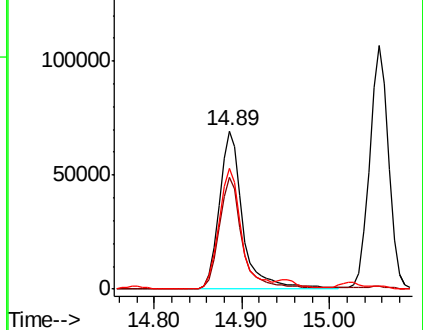
65 75.9 56.3 96.3

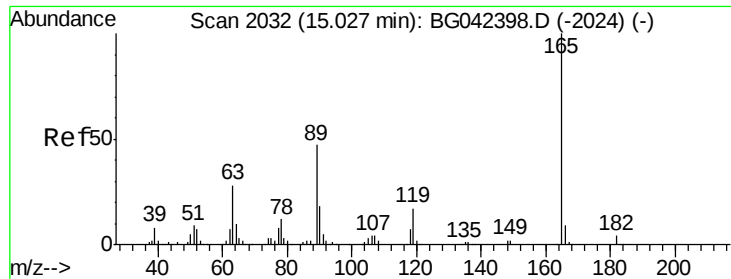


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

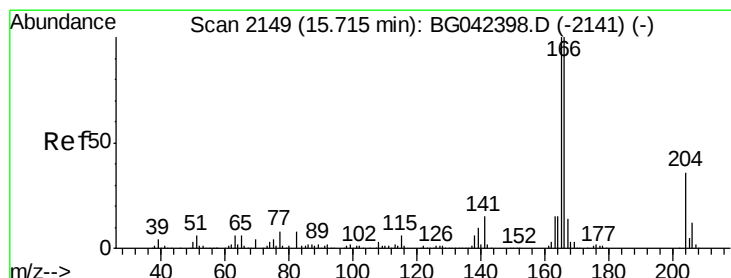
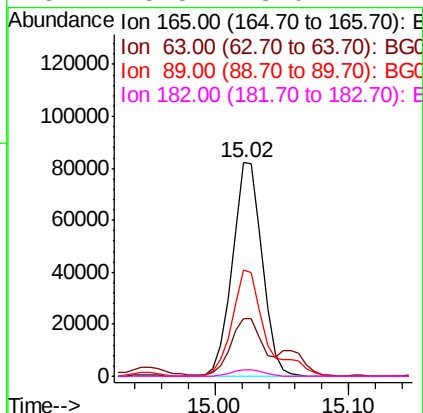
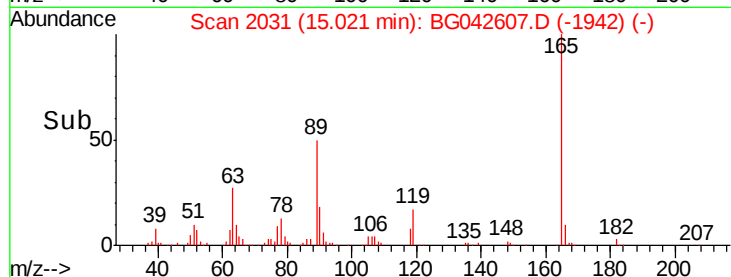
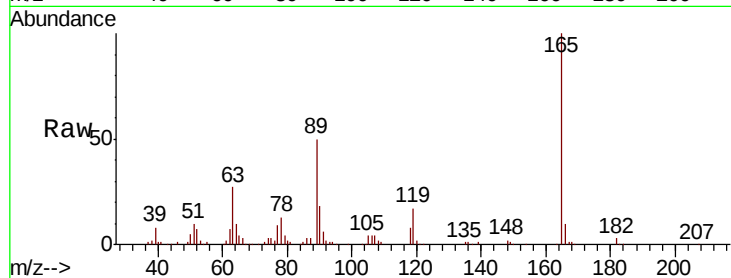




#57
 2,4-Dinitrotoluene
 Concen: 51.559 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

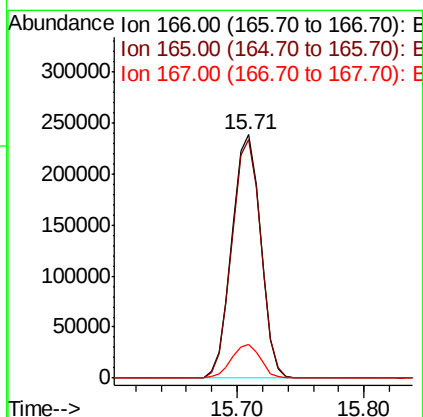
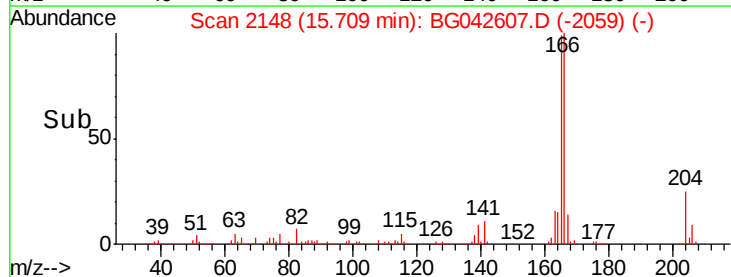
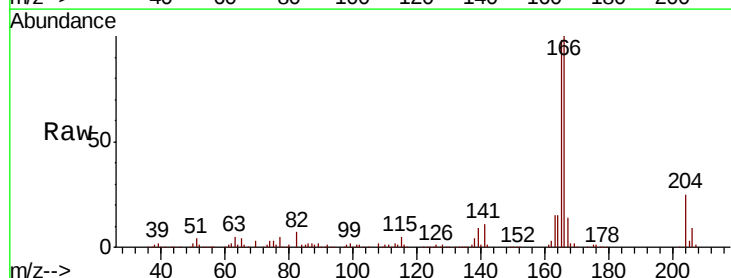
Instrument :
 BNA_G
 ClientSampleId :

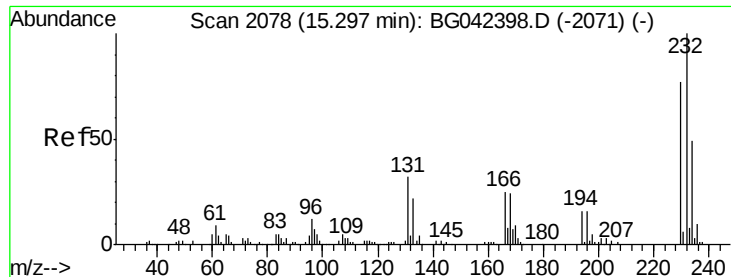
Tot Ion:165	Resp:	127159
Ion Ratio	Lower	Upper
165	100	
63	27.2	22.5 33.7
89	49.6	37.8 56.6
182	3.3	3.0 4.4



#58
 Fluorene
 Concen: 52.723 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Tgt Ion:166	Resp:	374070
Ion Ratio	Lower	Upper
166	100	
165	98.1	79.7 119.5
167	14.0	10.9 16.3

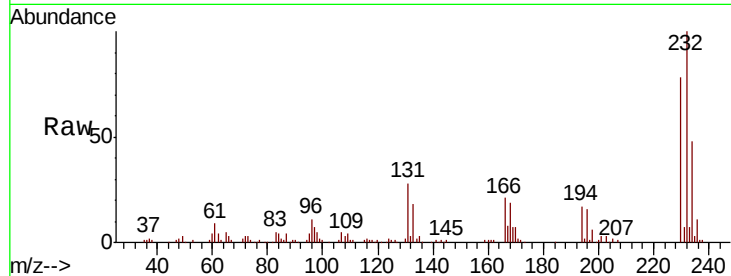




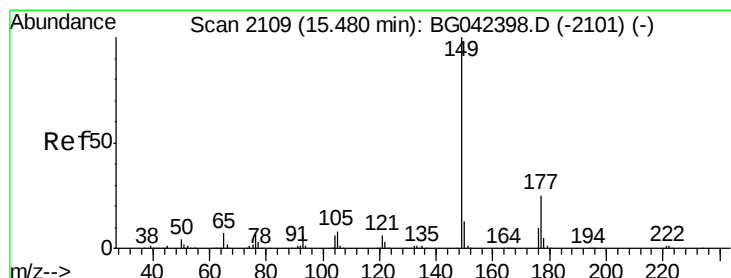
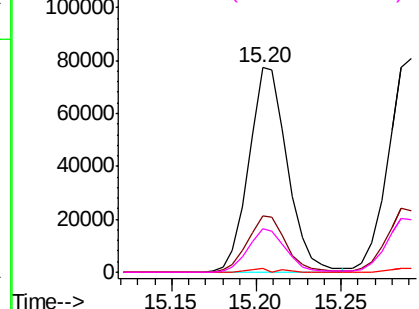
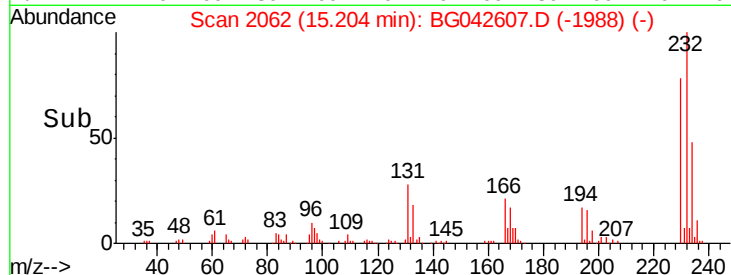
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.518 ng
 RT: 15.20 min Scan# 2062
 Delta R.T. -0.09 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	122598
Ion Ratio	Lower	Upper
232	100	
131	27.6	22.9 34.3
130	1.4	1.4 2.0
166	20.6	17.0 25.4

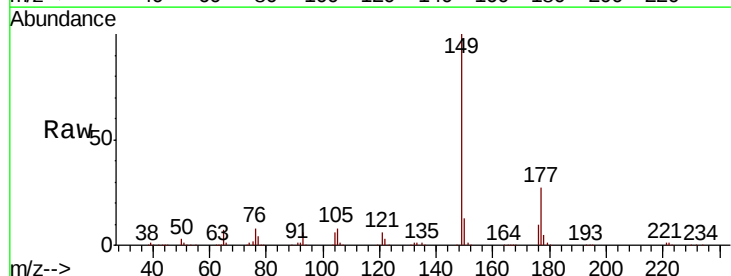


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

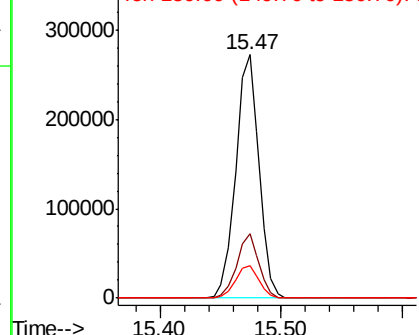
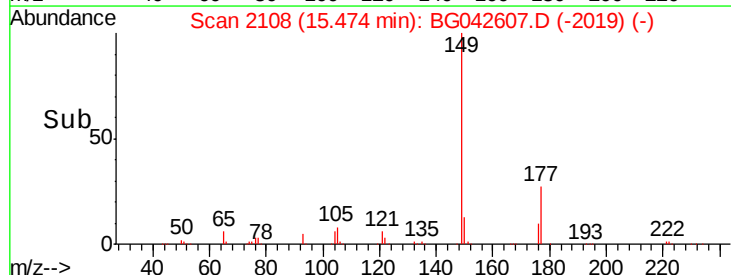


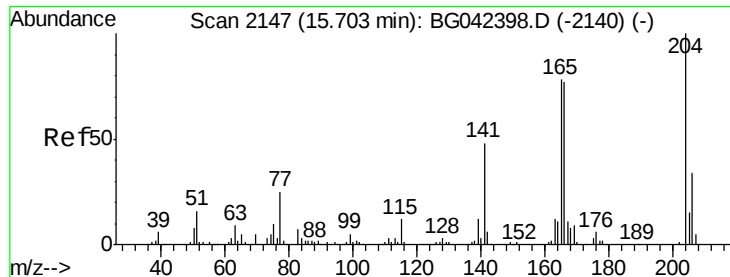
#60
 Diethylphthalate
 Concen: 49.911 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Tgt Ion:149	Resp:	362533
Ion Ratio	Lower	Upper
149	100	
177	26.5	20.4 30.6
150	13.2	10.3 15.5



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

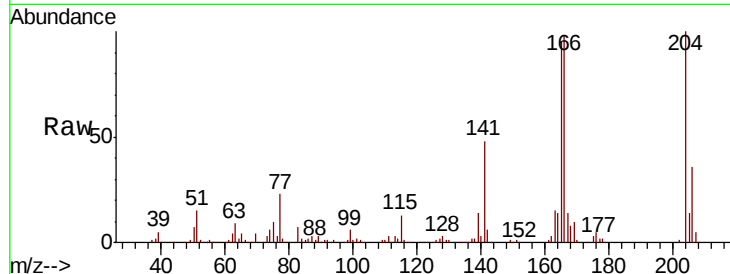




#61
 4-Chlorophenyl-phenylether
 Concen: 51.704 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	36.4	27.2	40.8
141	48.3	38.7	58.1

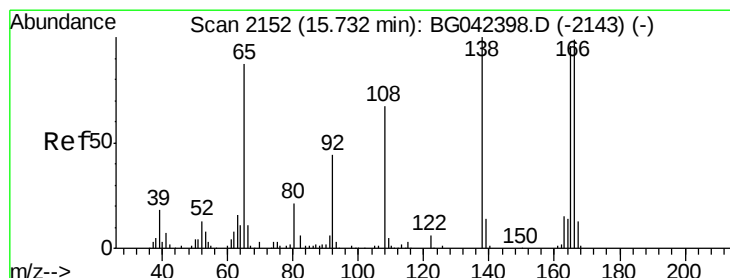
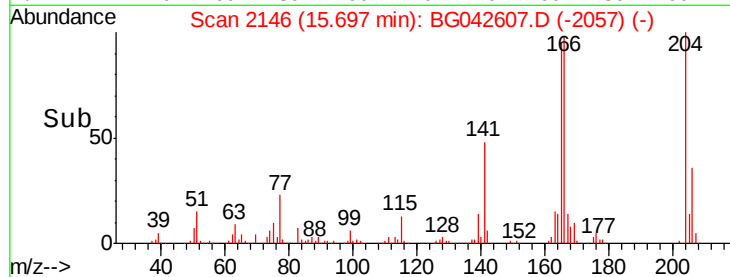
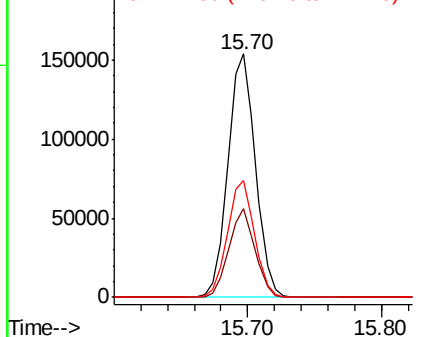


Abundance

Ion 204.00 (203.70 to 204.70): E

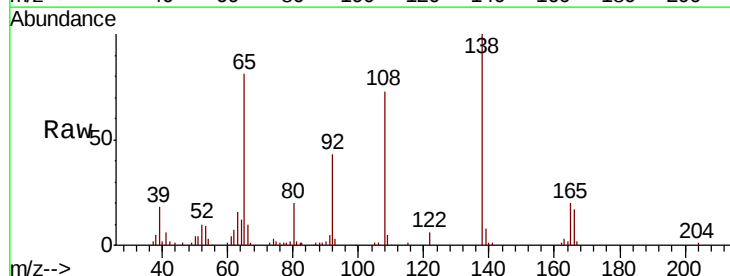
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 48.310 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	42.7	24.2	64.2
108	73.0	46.8	86.8

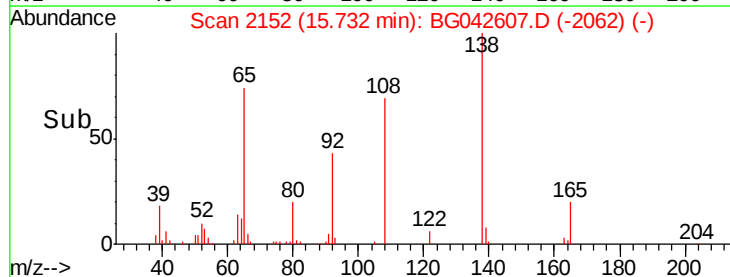
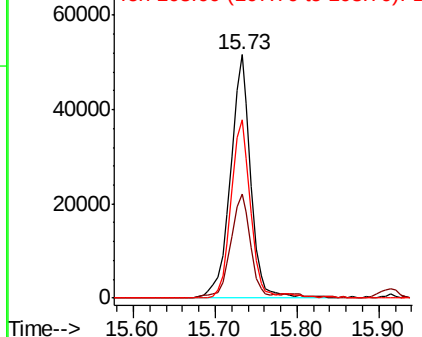


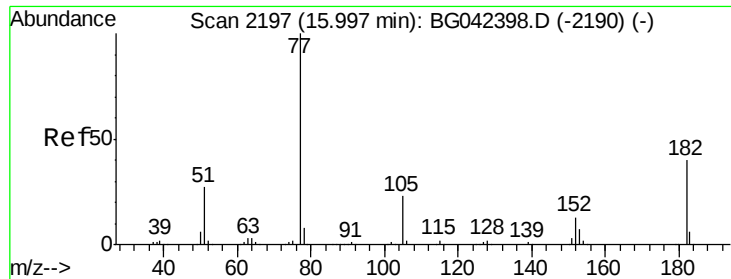
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

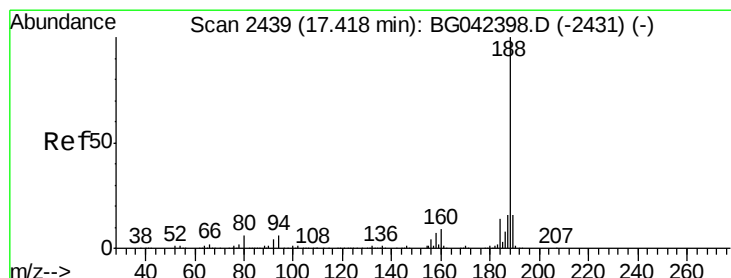
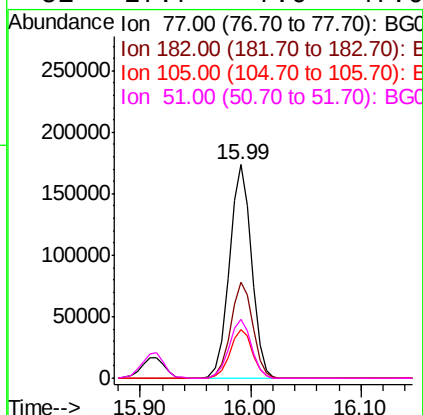
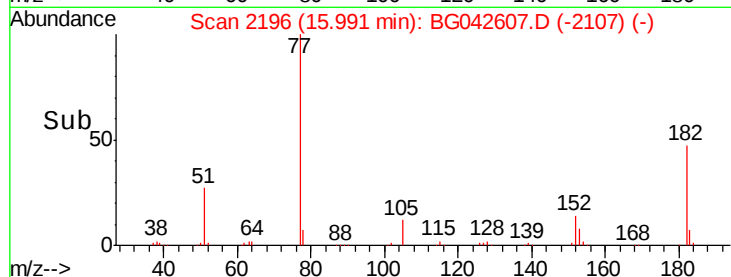
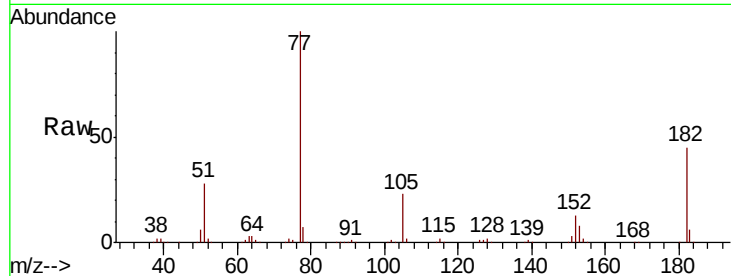




#63
Azobenzene
Concen: 49.126 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

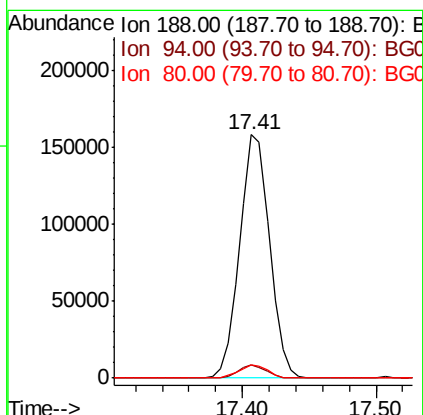
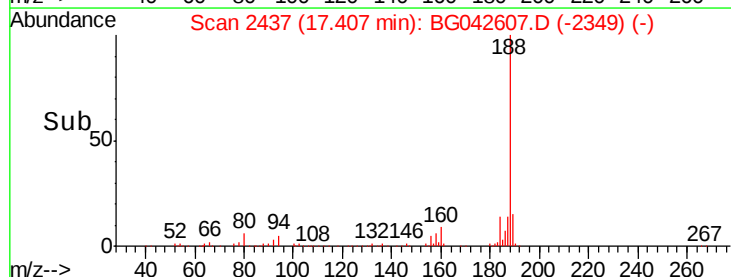
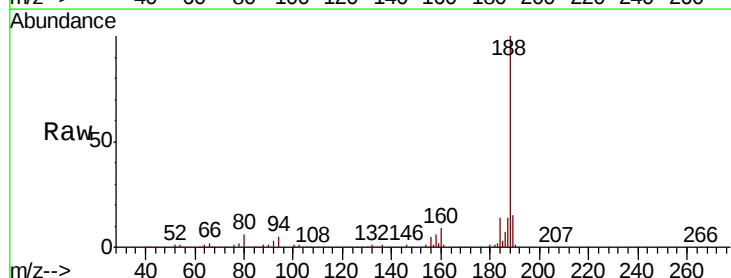
Instrument :
BNA_G
ClientSampled :

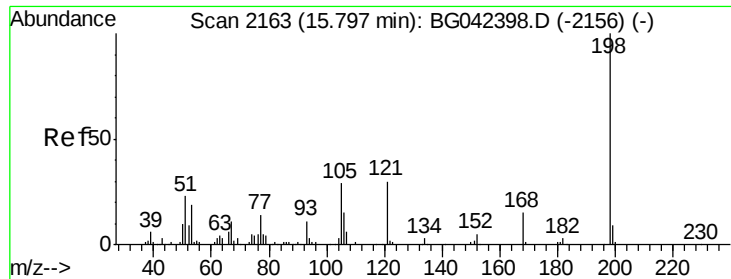
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	45.1	19.9	59.9	
105	22.6	2.9	42.9	
51	27.7	7.6	47.6	



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.2	4.5	6.7	
80	5.5	4.9	7.3	

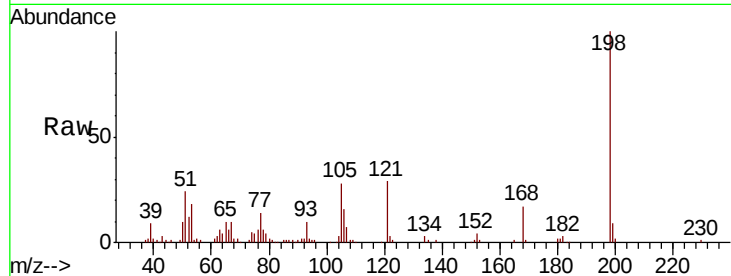




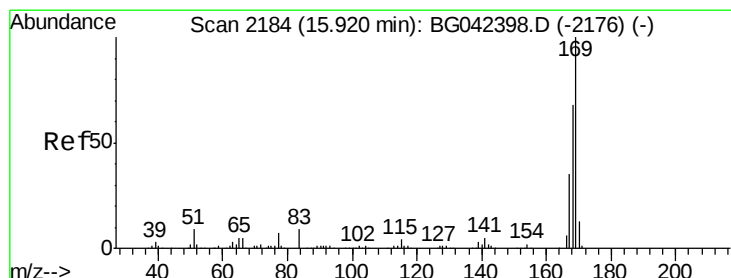
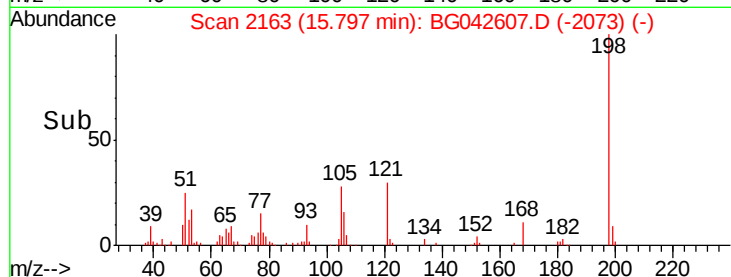
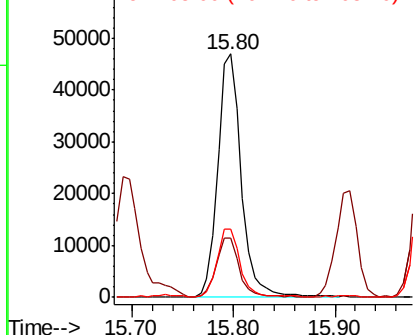
#65
4,6-Dinitro-2-methylphenol
Concen: 49.163 ng
RT: 15.80 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 75750
Ion Ratio Lower Upper
198 100
51 24.4 4.2 44.2
105 27.9 8.8 48.8

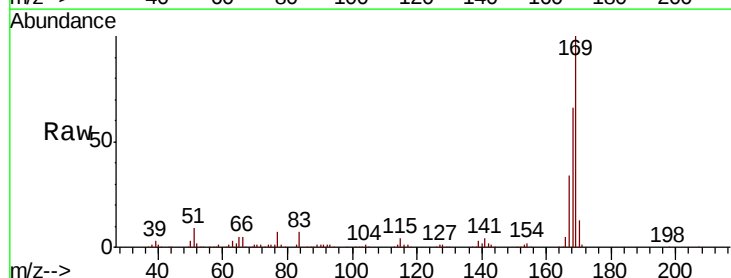


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

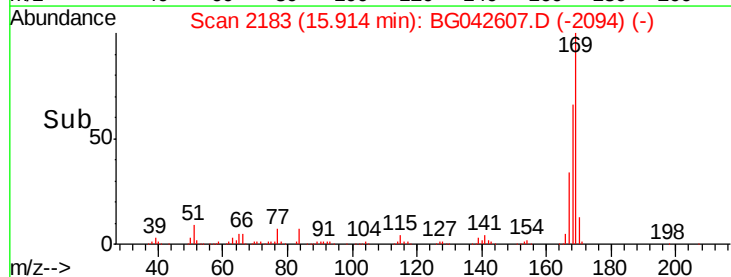
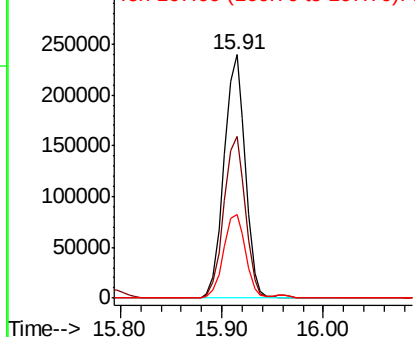


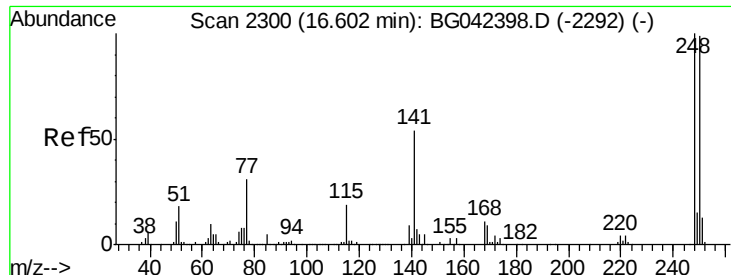
#66
n-Nitrosodiphenylamine
Concen: 51.356 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion:169 Resp: 347086
Ion Ratio Lower Upper
169 100
168 66.4 54.3 81.5
167 34.4 28.2 42.2



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

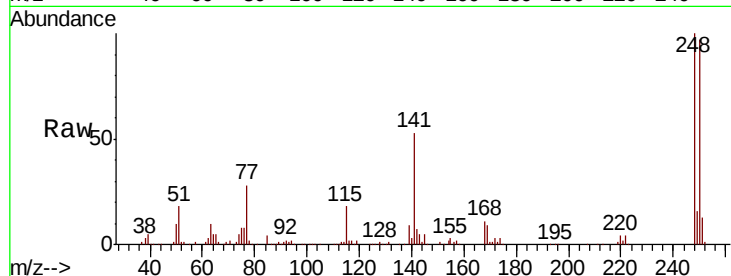




#67
 4-Bromophenyl-phenylether
 Concen: 51.335 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	78.9	118.3
141	53.1	43.3	64.9

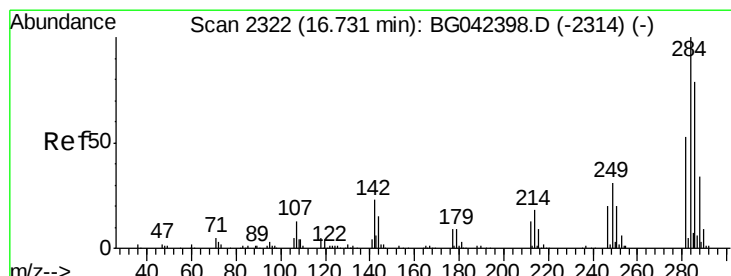
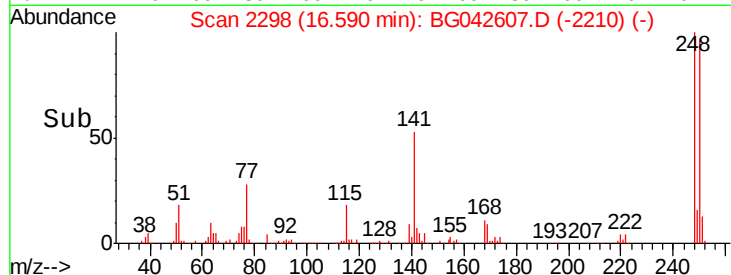
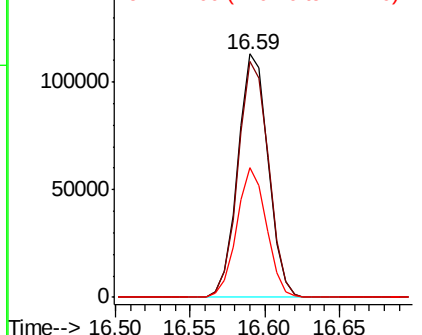


Abundance

Ion 248.00 (247.70 to 248.70): E

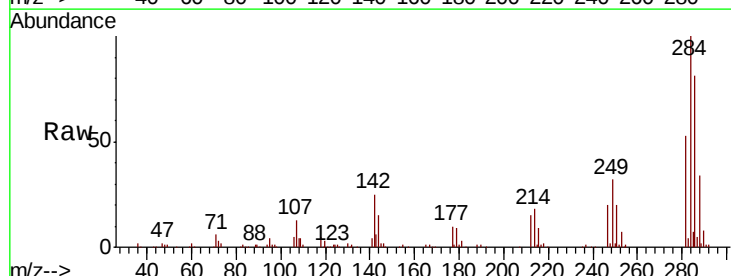
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 49.906 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042607.D
 Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.6	18.2	27.4
249	31.6	25.0	37.4

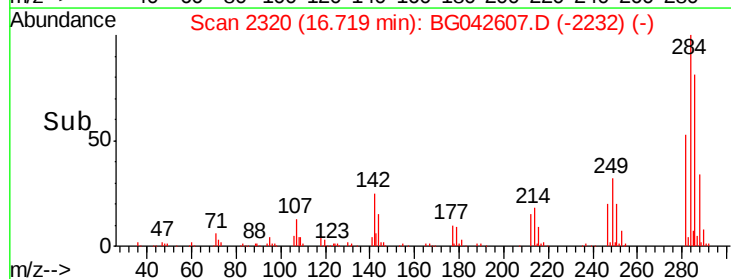
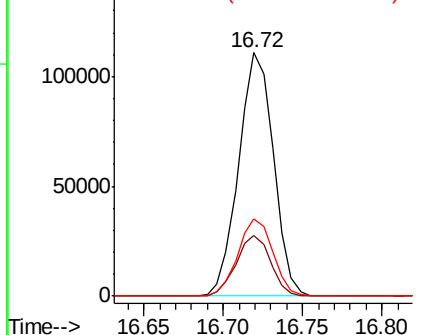


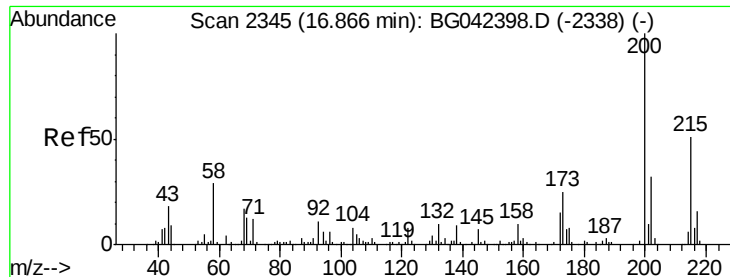
Abundance

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: 55.394 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Instrument :

BNA_G

ClientSampleId :

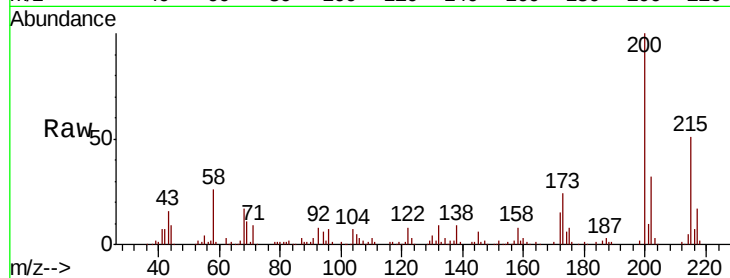
Tot Ion:200 Resp: 132391

Ion Ratio Lower Upper

200 100

173 23.6 4.9 44.9

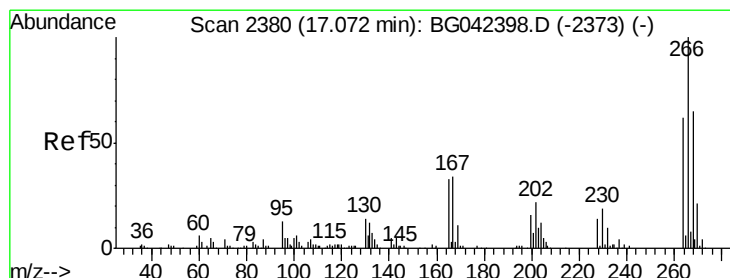
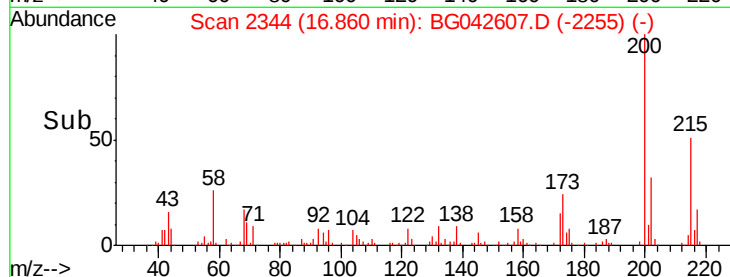
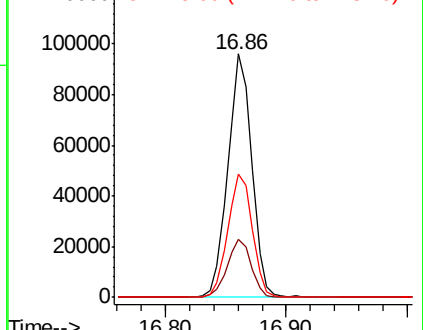
215 50.7 30.7 70.7



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: 112.920 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

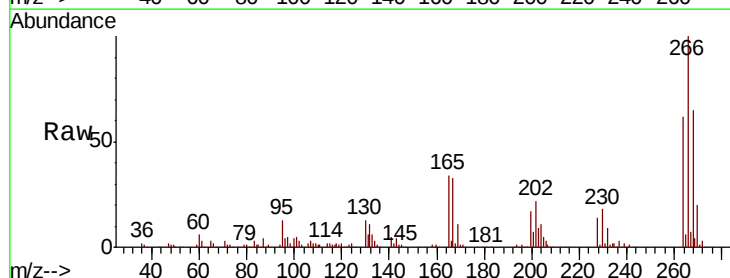
Tgt Ion:266 Resp: 198819

Ion Ratio Lower Upper

266 100

268 65.2 52.1 78.1

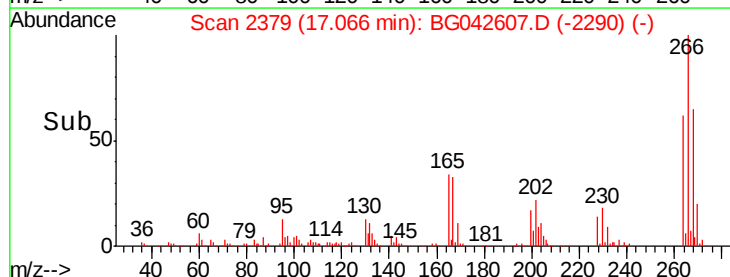
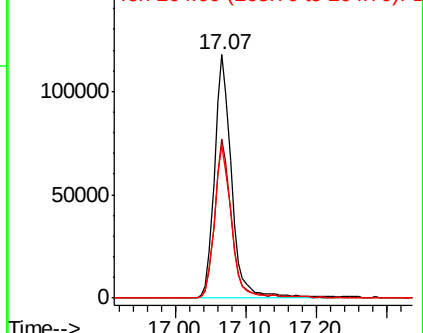
264 62.5 49.4 74.2

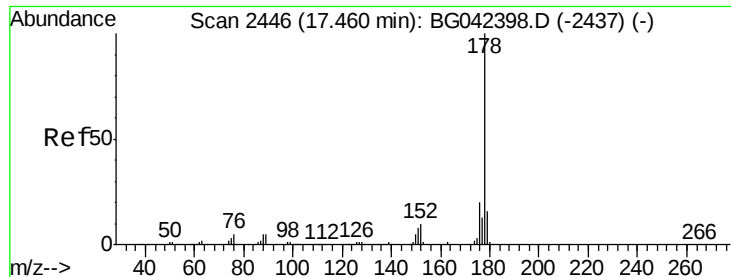


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

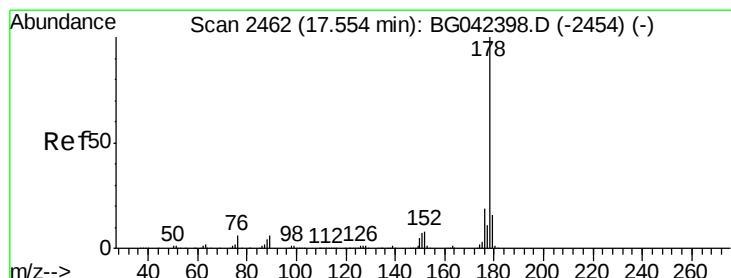
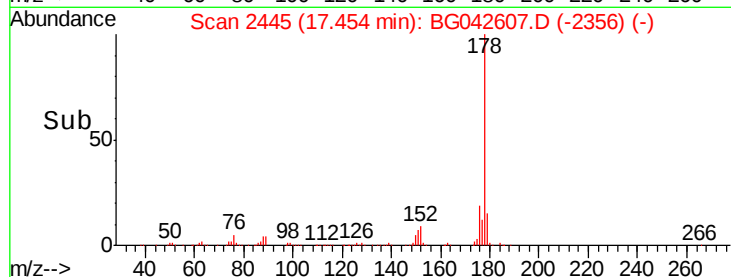
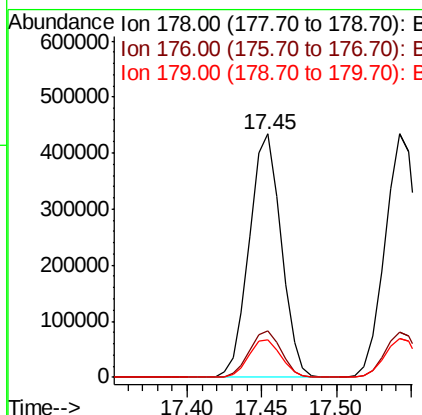
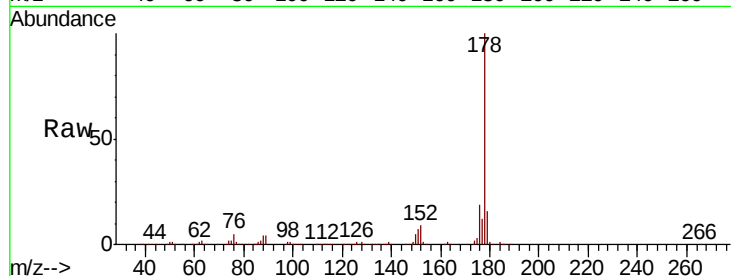




#71
Phenanthrene
Concen: 52.629 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

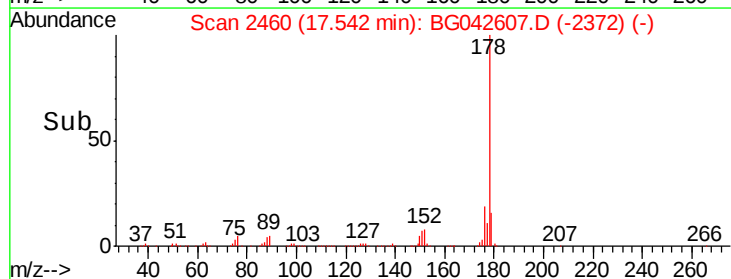
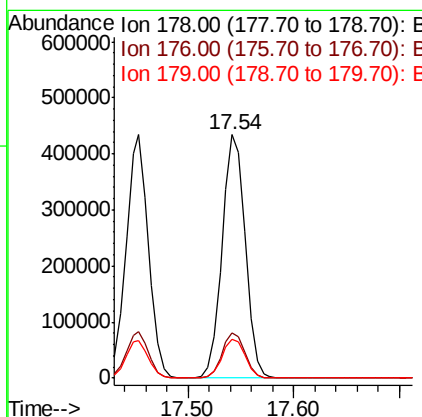
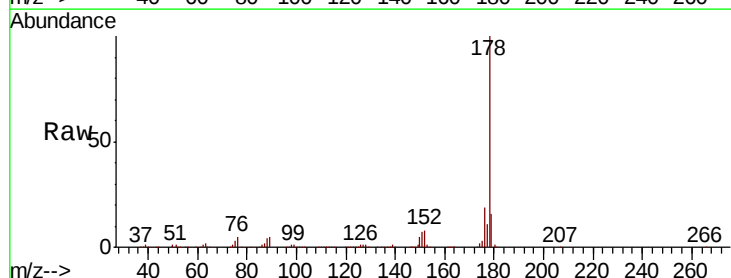
Instrument :
BNA_G
ClientSampleId :

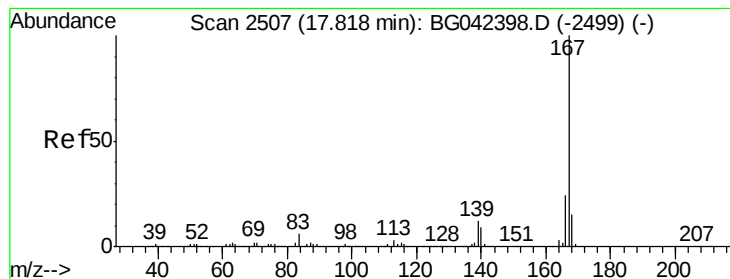
Tot Ion:178 Resp: 642443
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 15.5 12.7 19.1



#72
Anthracene
Concen: 54.092 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion:178 Resp: 659176
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 15.9 12.9 19.3





#73

Carbazole

Concen: 52.718 ng

RT: 17.81 min Scan# 2506

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Instrument :

BNA_G

ClientSampled :

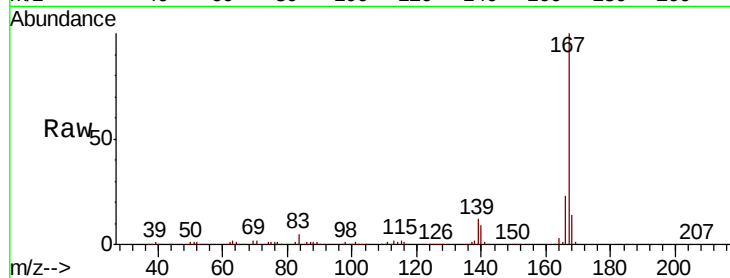
Tot Ion:167 Resp: 572568

Ion Ratio Lower Upper

167 100

166 23.3 18.9 28.3

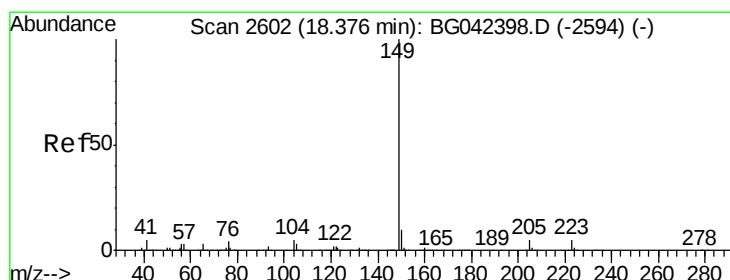
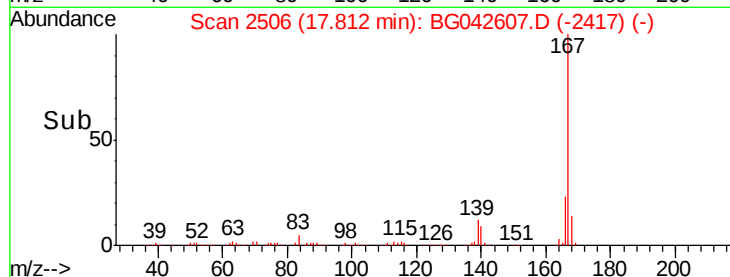
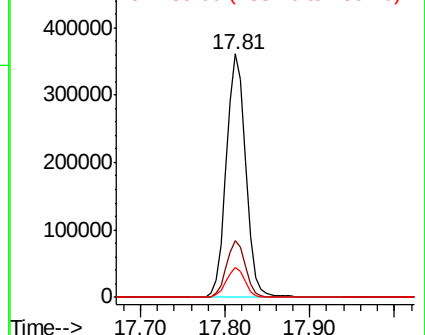
139 12.2 9.8 14.6



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: 51.235 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

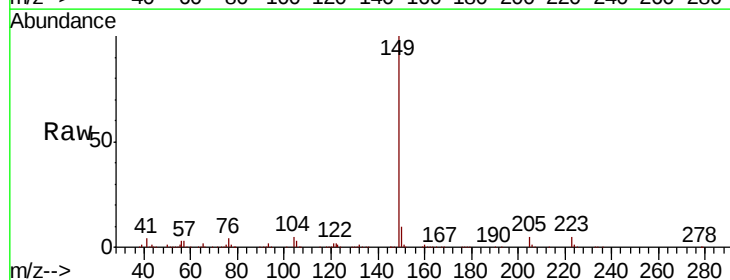
Tgt Ion:149 Resp: 657788

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

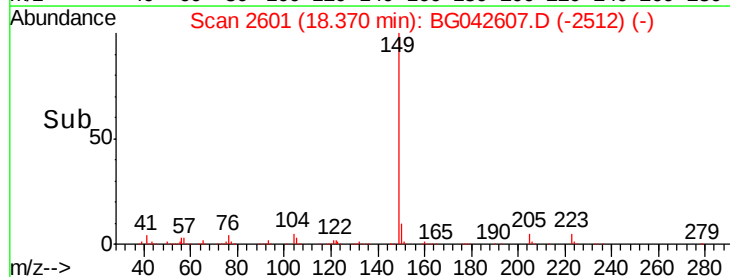
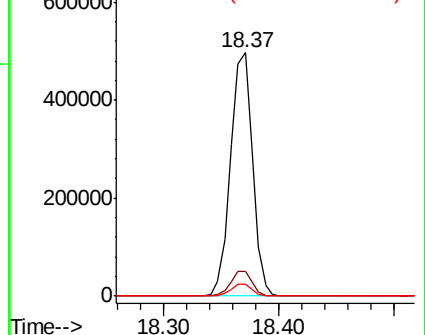
104 4.7 3.7 5.5

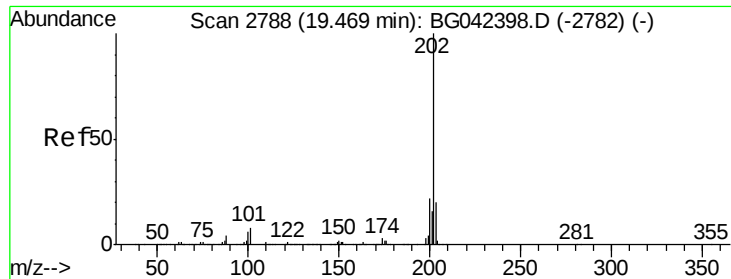


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 56.006 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG042607.D

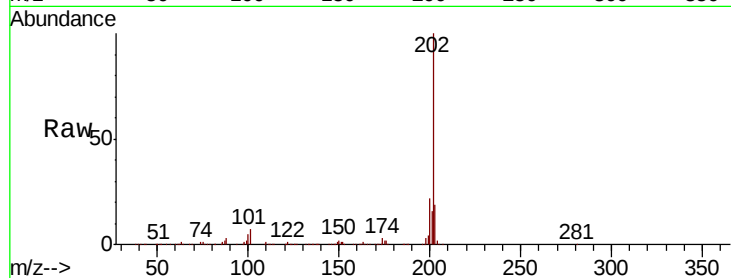
Acq: 30 Aug 2019 19:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	834363
Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	28.3
203	19.3	0.0	39.6

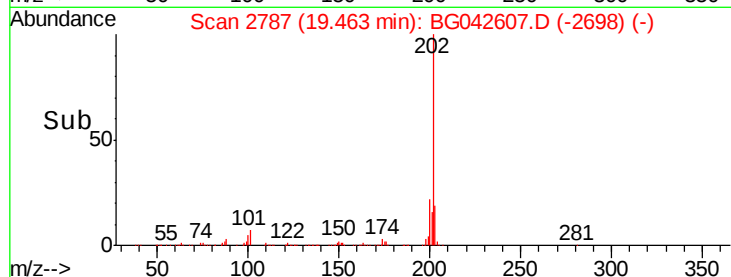


Abundance Ion 202.00 (201.70 to 202.70): E

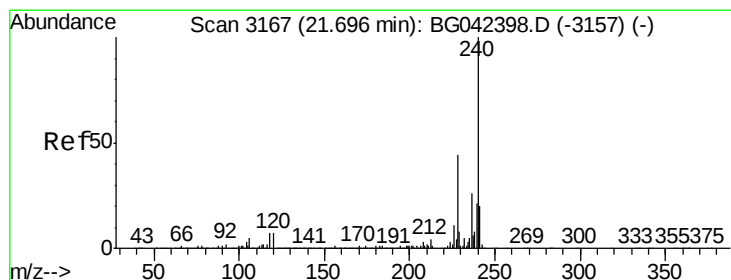
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.46



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

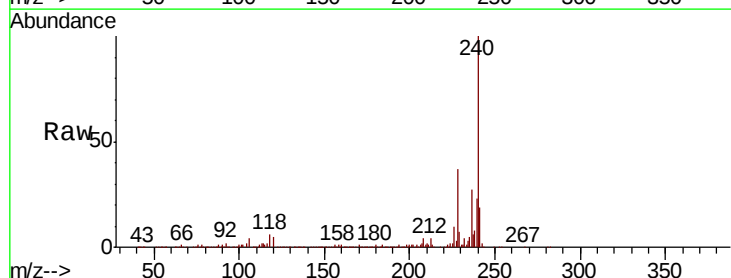
RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Tgt Ion:	240	Resp:	258733
Ion	Ratio	Lower	Upper
240	100		
120	5.3	5.7	8.5#
236	26.6	21.0	31.4

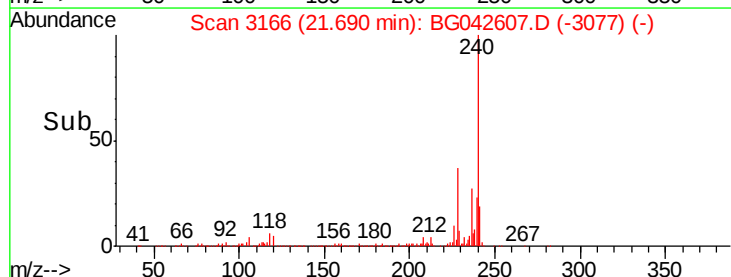


Abundance Ion 240.00 (239.70 to 240.70): E

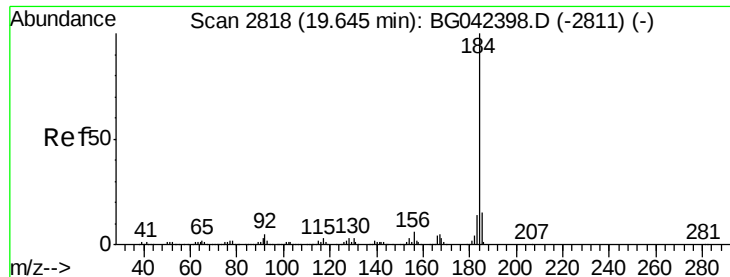
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.69



Time-->



#77

Benzidine

Concen: 46.920 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Instrument :

BNA_G

ClientSampled :

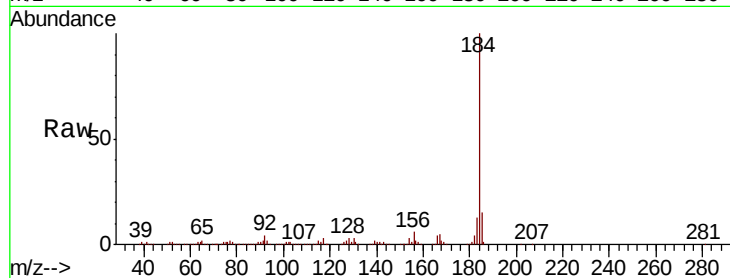
Tot Ion:184 Resp: 348052

Ion Ratio Lower Upper

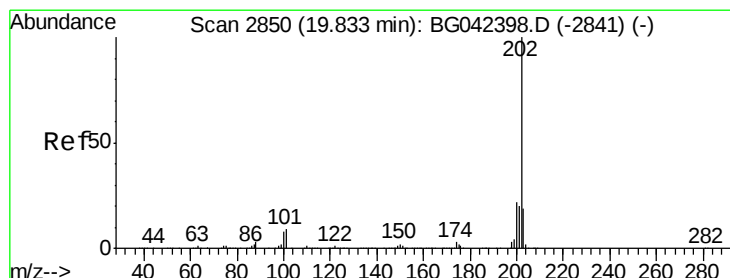
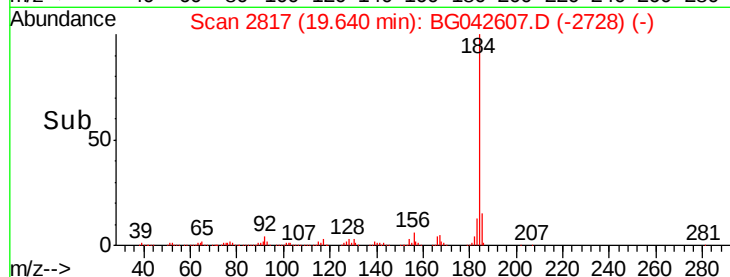
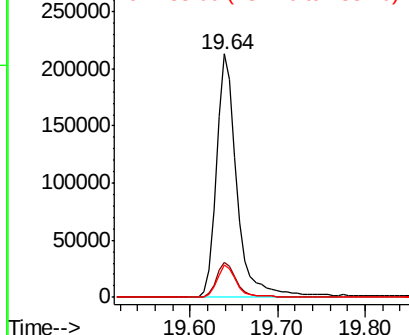
184 100

185 14.5 12.2 18.4

183 13.5 10.8 16.2



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: 52.558 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

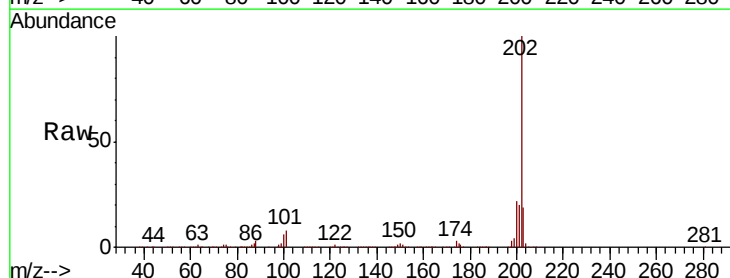
Tgt Ion:202 Resp: 833724

Ion Ratio Lower Upper

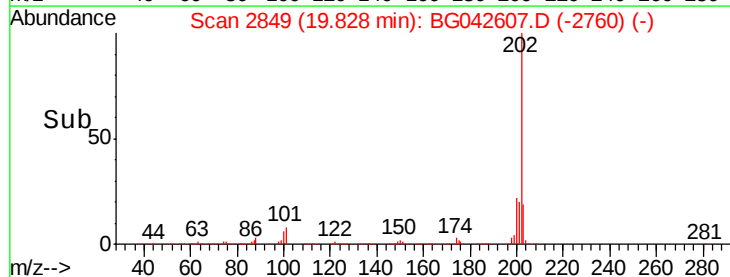
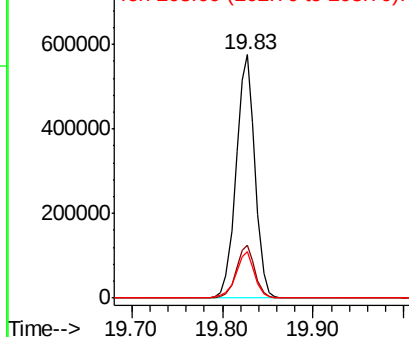
202 100

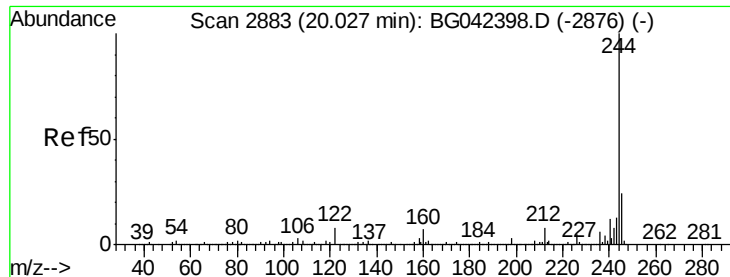
200 21.8 17.8 26.6

203 19.3 15.5 23.3



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: 87.322 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

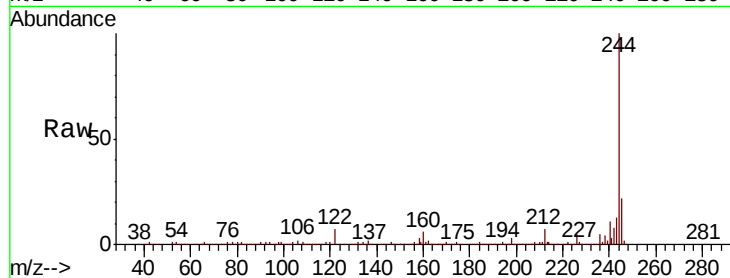
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1045051

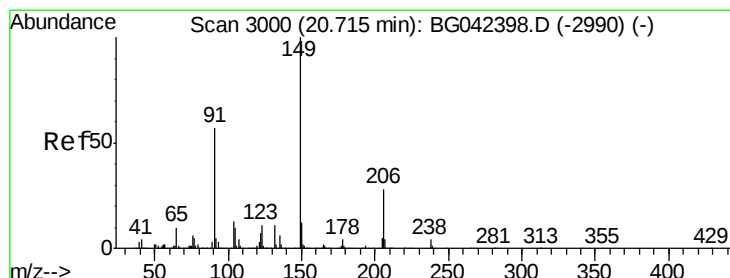
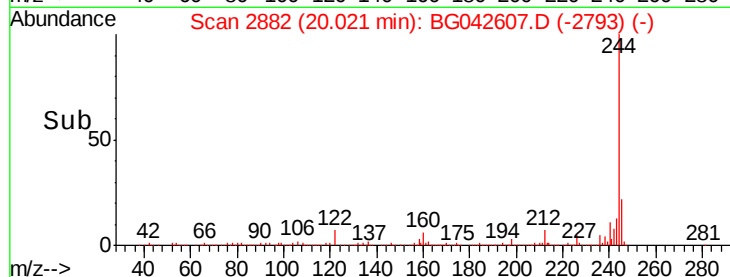
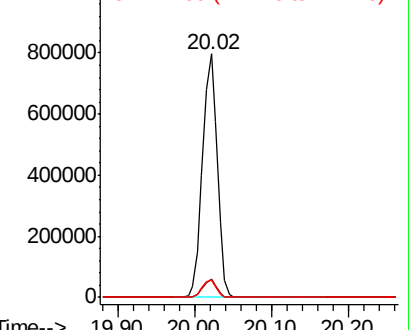
Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	6.8	6.7	10.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.900 ng

RT: 20.70 min Scan# 2998

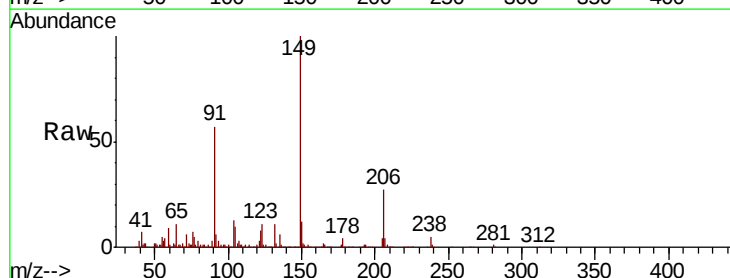
Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Tgt Ion:149 Resp: 305099

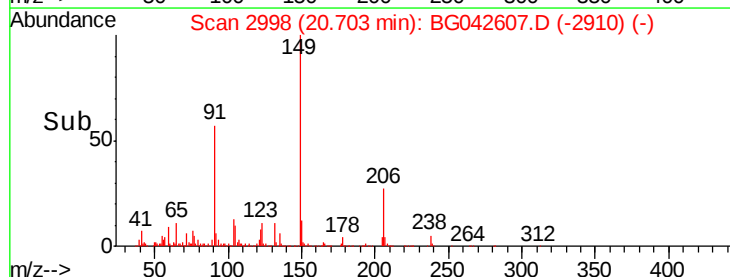
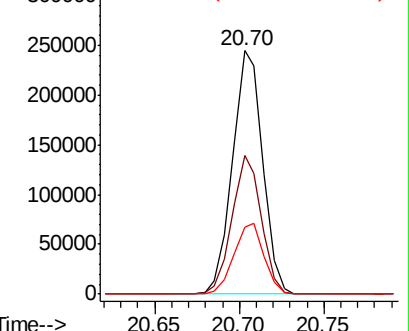
Ion	Ratio	Lower	Upper
149	100		
91	57.2	45.9	68.9
206	27.4	22.5	33.7

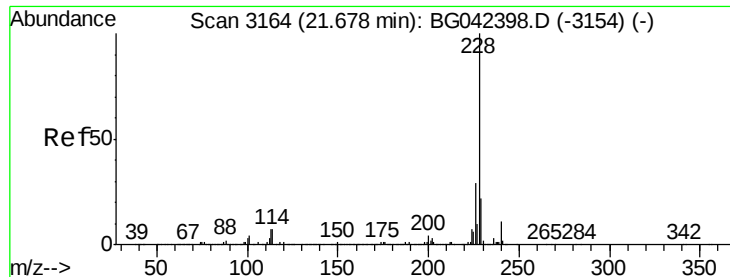


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

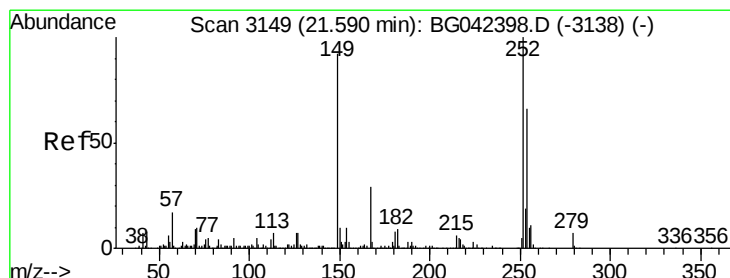
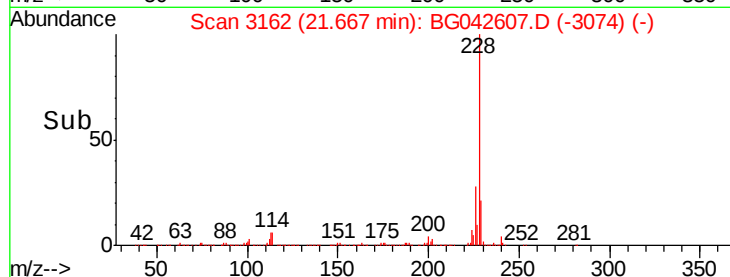
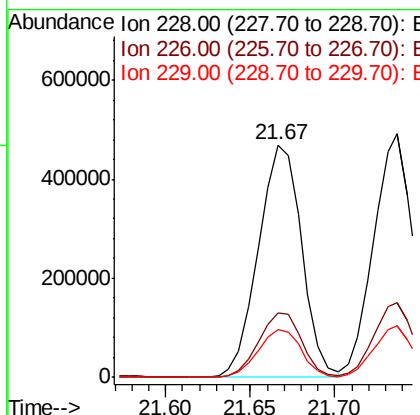
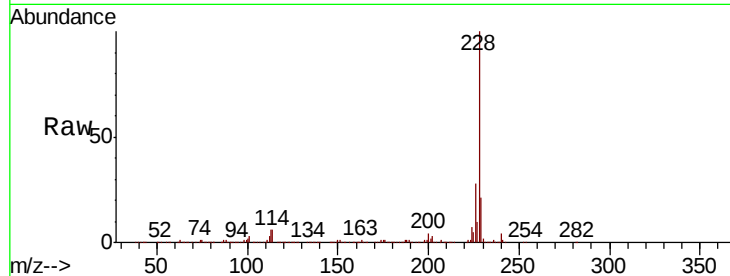




#81
Benzo(a)anthracene
Concen: 53.049 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

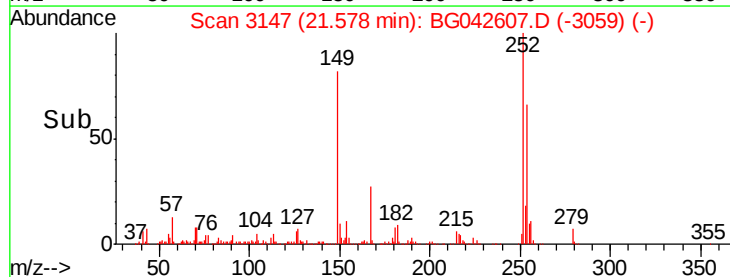
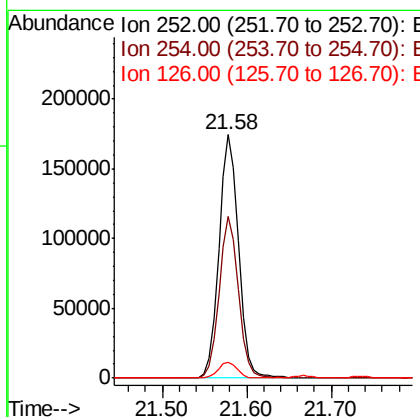
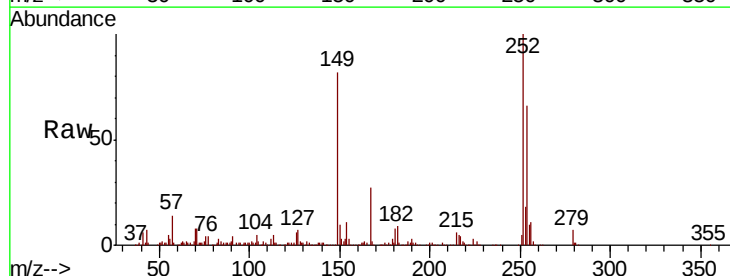
Instrument :
BNA_G
ClientSampleId :

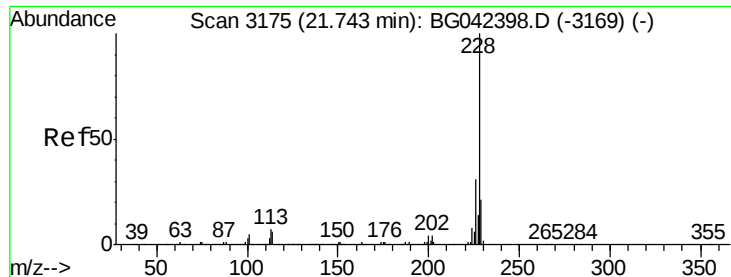
Tot Ion:228 Resp: 834949
Ion Ratio Lower Upper
228 100
226 27.7 23.4 35.2
229 20.7 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 44.714 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion:252 Resp: 283044
Ion Ratio Lower Upper
252 100
254 66.3 53.0 79.4
126 6.3 5.7 8.5





#83

Chrysene

Concen: 52.496 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Instrument :

BNA_G

ClientSampleId :

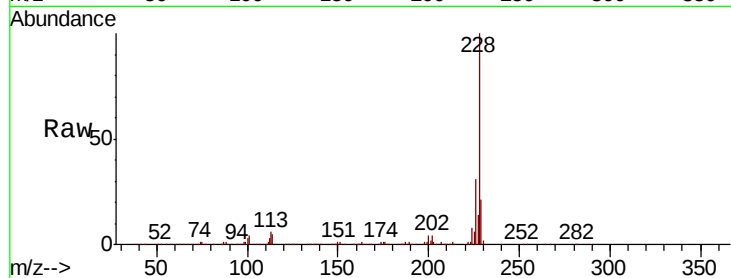
Tot Ion:228 Resp: 796845

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	21.3	16.9	25.3

228 100

226 30.8 24.9 37.3

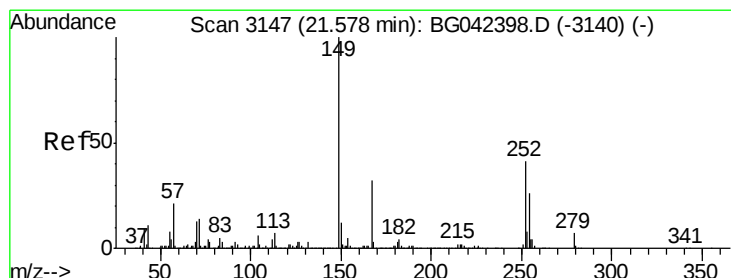
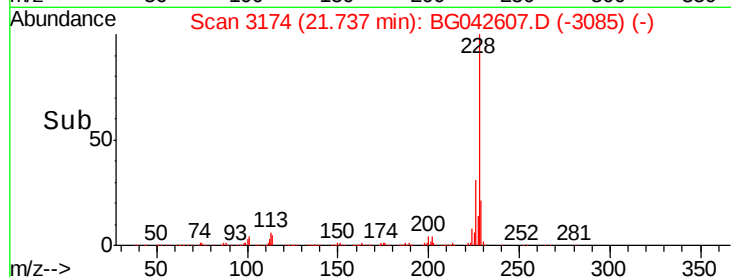
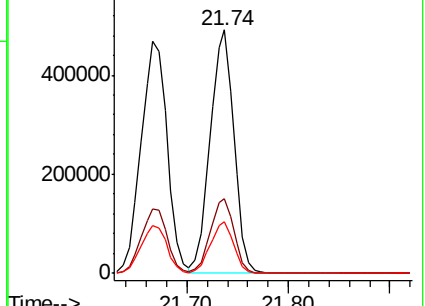
229 21.3 16.9 25.3



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.036 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

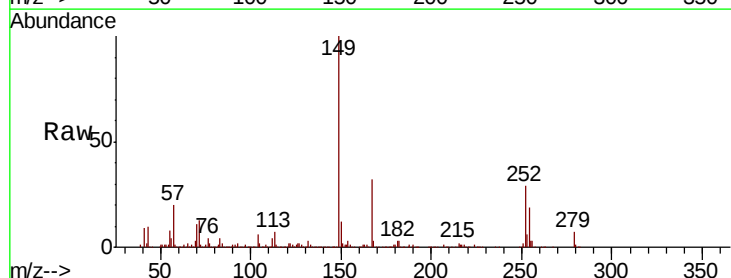
Tgt Ion:149 Resp: 433451

Ion	Ratio	Lower	Upper
149	100		
167	31.7	26.0	39.0
279	7.0	5.4	8.0

149 100

167 31.7 26.0 39.0

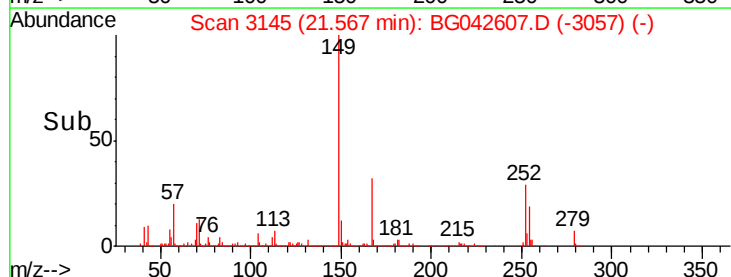
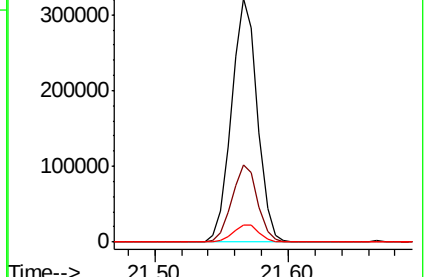
279 7.0 5.4 8.0

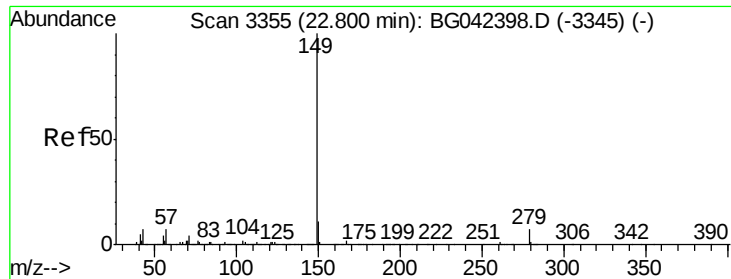


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

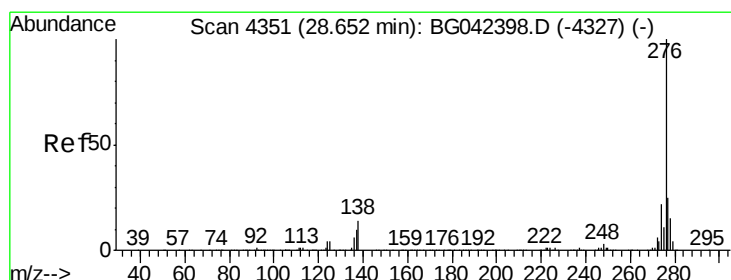
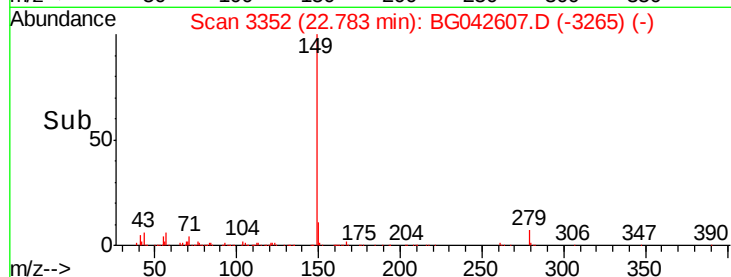
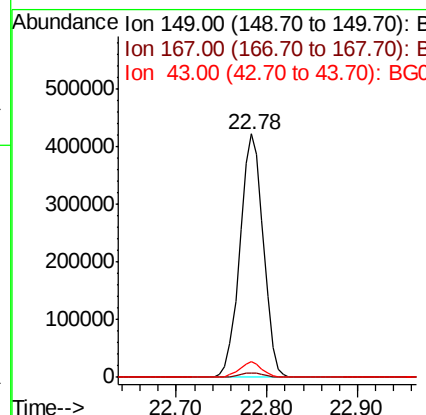
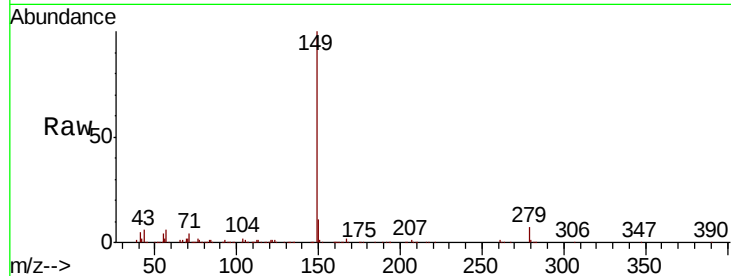




#85
Di-n-octyl phthalate
Concen: 50.640 ng
RT: 22.78 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

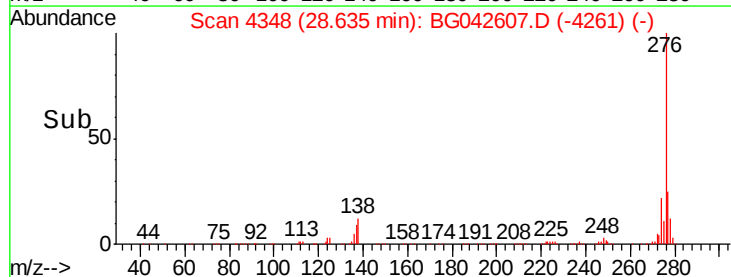
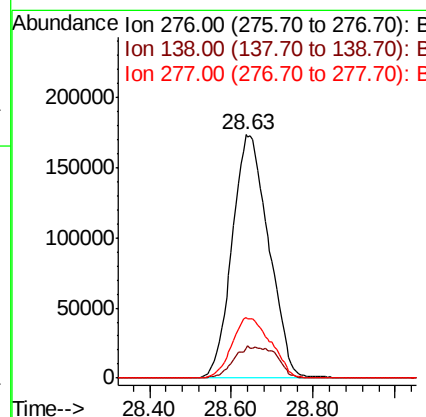
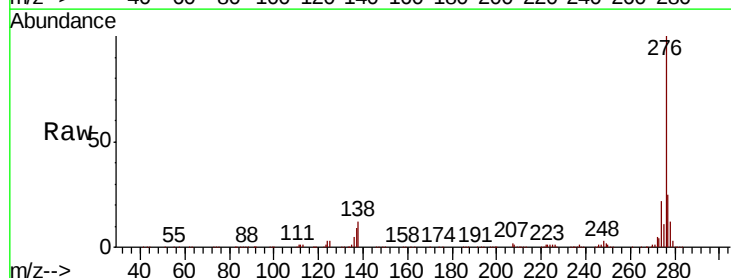
Instrument :
BNA_G
ClientSampled :

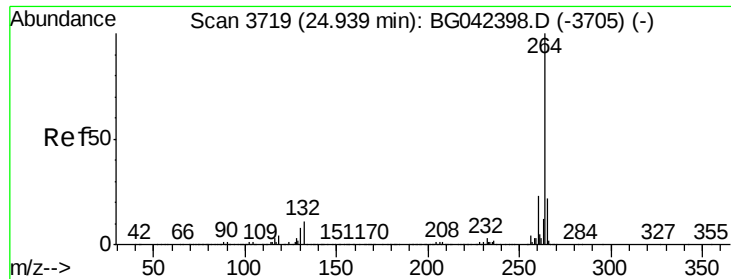
Tot Ion:149 Resp: 754497
Ion Ratio Lower Upper
149 100
167 1.8 1.6 2.4
43 6.2 5.3 7.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 52.086 ng
RT: 28.63 min Scan# 4348
Delta R.T. -0.02 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion:276 Resp: 1074419
Ion Ratio Lower Upper
276 100
138 7.1 9.2 13.8#
277 26.3 21.0 31.6

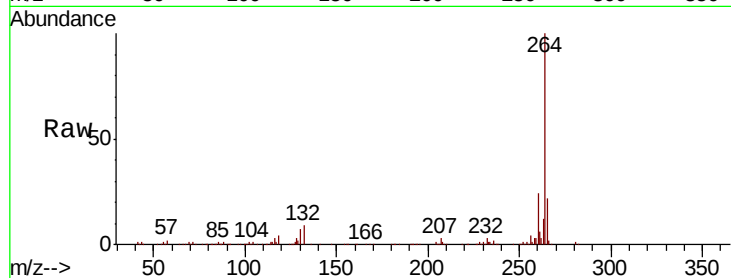




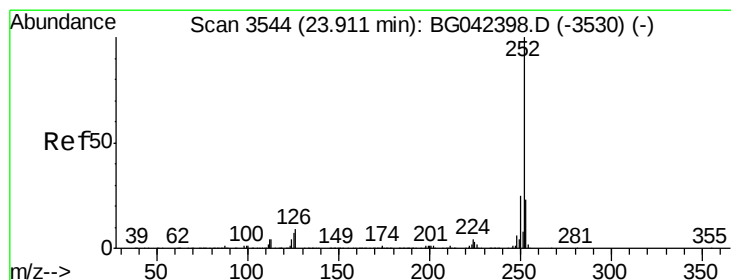
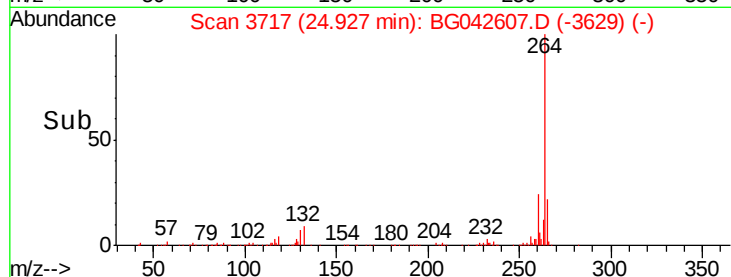
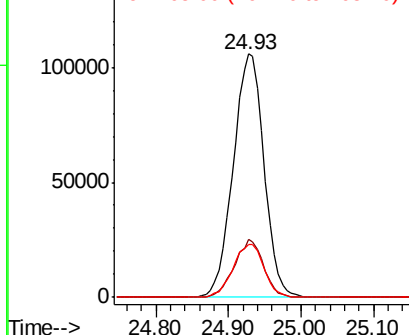
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	21.8	17.6	26.4

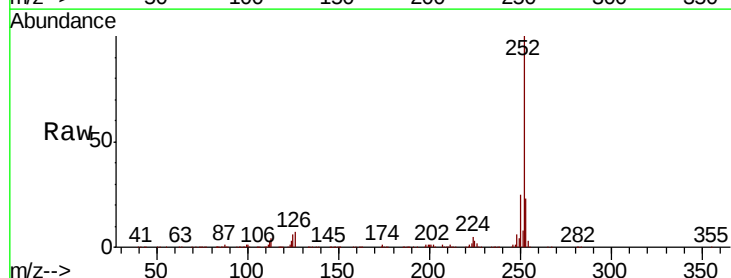


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

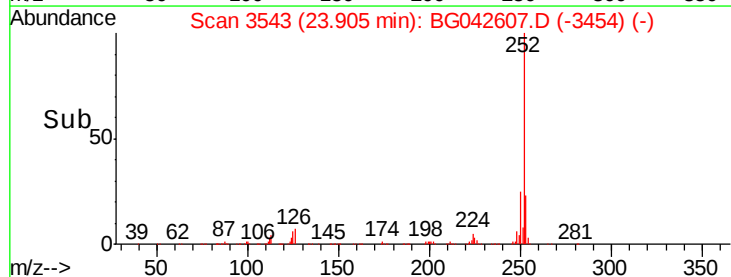
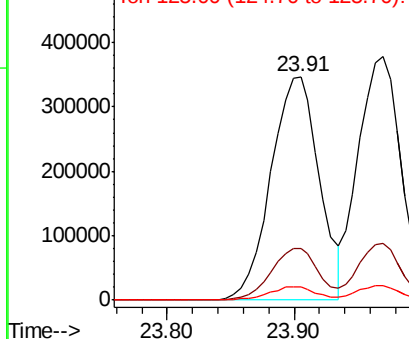


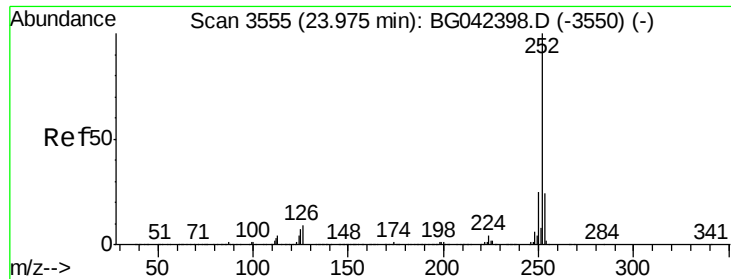
#88
Benzo(b)fluoranthene
Concen: 53.665 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	27.8
125	5.7	5.6	8.4



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





#89

Benzo(k)fluoranthene

Concen: 53.894 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

Instrument :

BNA_G

ClientSampled :

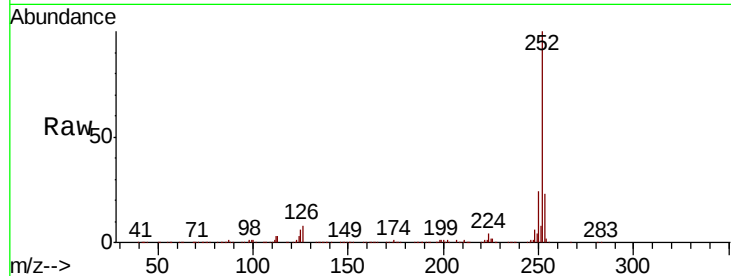
Tot Ion:252 Resp: 887019

Ion Ratio Lower Upper

252 100

253 23.1 18.6 27.8

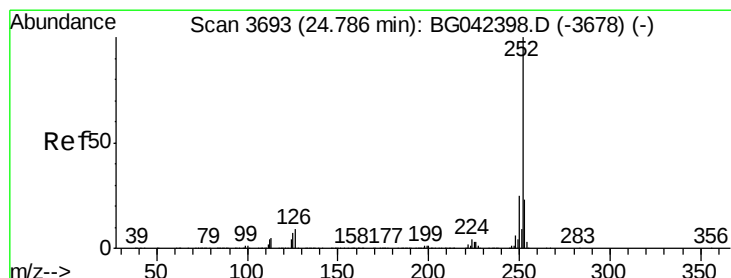
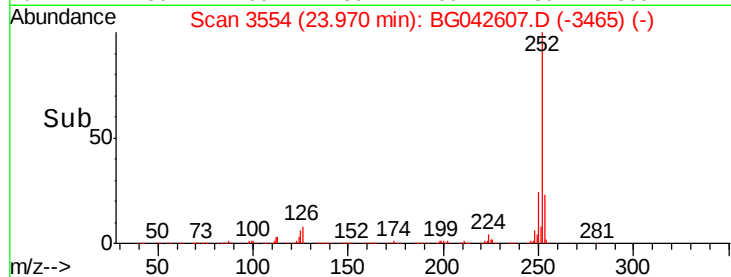
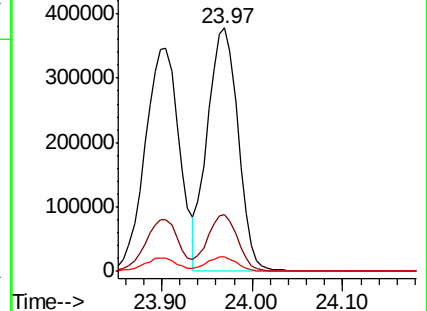
125 5.9 5.8 8.6



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



#90

Benzo(a)pyrene

Concen: 55.614 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BG042607.D

Acq: 30 Aug 2019 19:21

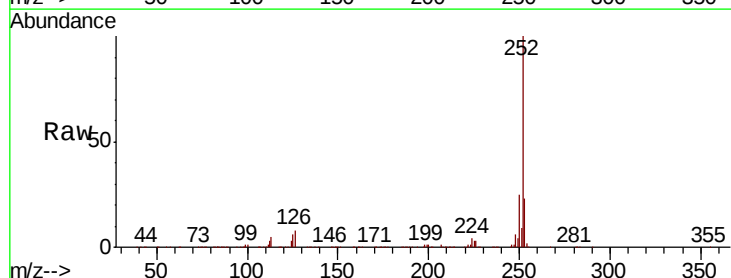
Tgt Ion:252 Resp: 903620

Ion Ratio Lower Upper

252 100

253 23.3 18.4 27.6

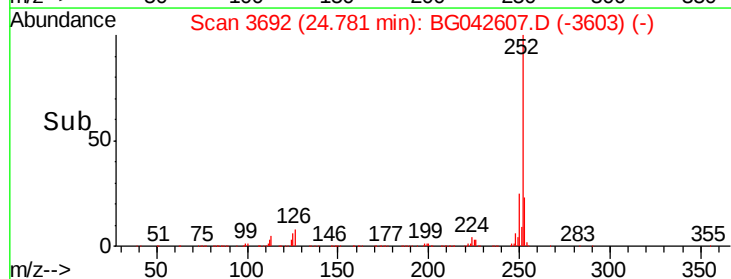
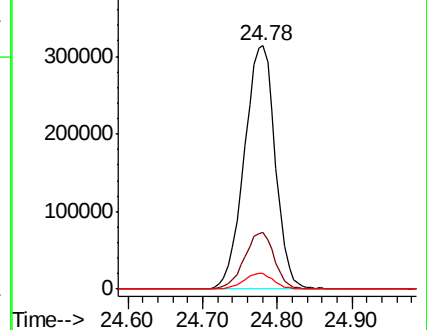
125 6.5 6.0 9.0

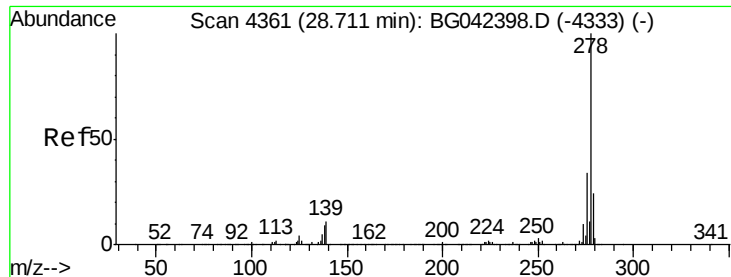


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

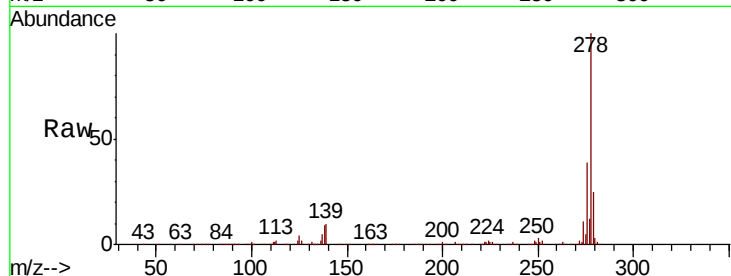




#91
Dibenzo(a,h)anthracene
Concen: 53.581 ng
RT: 28.70 min Scan# 4359
Delta R.T. -0.01 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.6	8.8	13.2
279	25.1	19.1	28.7

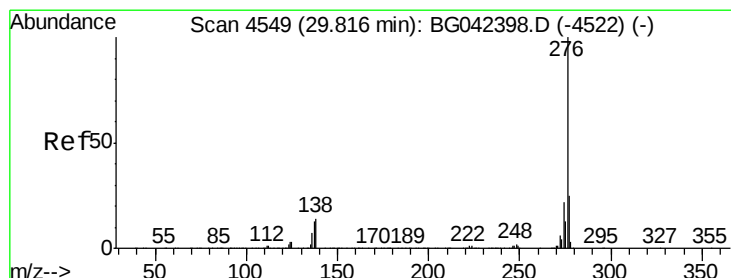
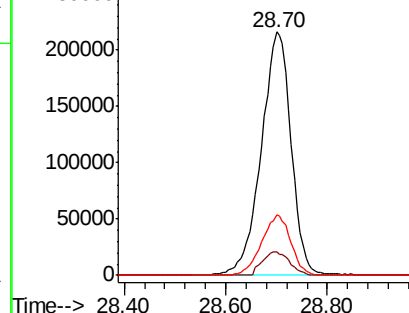
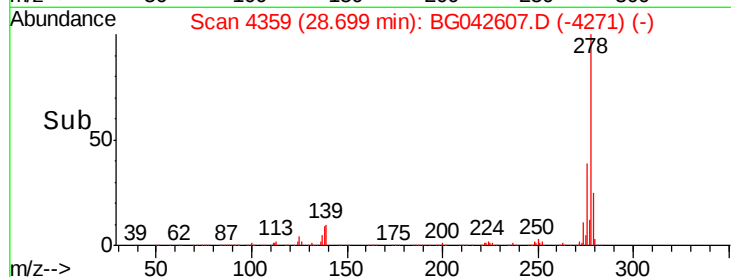


Abundance

Ion 278.00 (277.70 to 278.70): E

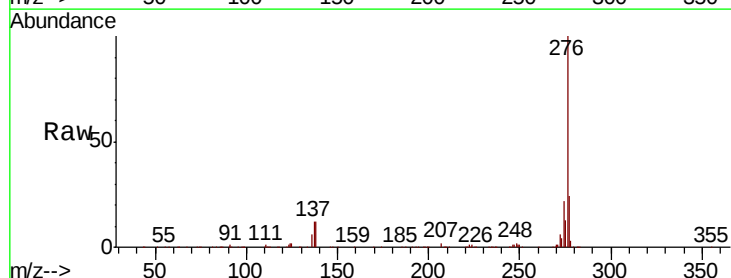
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 54.786 ng
RT: 29.80 min Scan# 4546
Delta R.T. -0.02 min
Lab File: BG042607.D
Acq: 30 Aug 2019 19:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.8	29.8
138	11.9	11.4	17.0



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

