

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091819\
 Data File : BG042889.D
 Acq On : 18 Sep 2019 11:50
 Operator : HP/JU
 Sample : K4918-12MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 19 02:10:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	58677	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	244188	20.00	ng	-0.03
39) Acenaphthene-d10	14.72	164	191893	20.00	ng	-0.02
64) Phenanthrene-d10	17.46	188	458791	20.00	ng	-0.02
76) Chrysene-d12	21.74	240	424141	20.00	ng	-0.02
87) Perylene-d12	24.99	264	444088	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.70	112	349753	103.63	ng	0.01
7) Phenol-d6	7.29	99	560053	115.61	ng	0.02
23) Nitrobenzene-d5	9.27	82	355805	75.86	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	300896	117.86	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	839567	69.26	ng	-0.02
79) Terphenyl-d14	20.07	244	1404607	73.40	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.59	88	39931	25.924	ng	# 86
3) Pyridine	4.01	79	103869	22.397	ng	# 79
4) n-Nitrosodimethylamine	3.90	42	83333	36.928	ng	84
6) Aniline	7.44	93	81029	12.397	ng	96
8) 2-Chlorophenol	7.68	128	149343	40.936	ng	93
9) Benzaldehyde	7.25	77	92080	29.209	ng	92
10) Phenol	7.32	94	217449	43.770	ng	91
11) bis(2-Chloroethyl)ether	7.53	93	131967	34.612	ng	98
12) 1,3-Dichlorobenzene	7.99	146	154799	34.788	ng	98
13) 1,4-Dichlorobenzene	8.14	146	160380	36.000	ng	99
14) 1,2-Dichlorobenzene	8.46	146	149273	35.200	ng	98
15) Benzyl Alcohol	8.36	79	163766	39.392	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.63	45	310186	37.046	ng	97
17) 2-Methylphenol	8.56	107	137570	41.391	ng	96
18) Hexachloroethane	9.19	117	60109	36.546	ng	98
19) n-Nitroso-di-n-propylamine	8.92	70	129567	36.297	ng	95
20) 3+4-Methylphenols	8.89	107	194195	42.386	ng	96
22) Acetophenone	8.93	105	228949	37.125	ng	95
24) Nitrobenzene	9.31	77	199820	40.588	ng	99
25) Isophorone	9.85	82	364214	37.254	ng	98
26) 2-Nitrophenol	10.02	139	88370	45.648	ng	# 93
27) 2,4-Dimethylphenol	10.09	122	146634	42.819	ng	93
28) bis(2-Chloroethoxy)methane	10.31	93	195987	35.947	ng	98
29) 2,4-Dichlorophenol	10.56	162	176342	44.313	ng	98
30) 1,2,4-Trichlorobenzene	10.77	180	188060	38.707	ng	98
31) Naphthalene	10.96	128	474553	39.361	ng	98
32) Benzoic acid	10.24	122	84260	32.605	ng	93
33) 4-Chloroaniline	11.07	127	37701	6.690	ng	# 95
34) Hexachlorobutadiene	11.25	225	135329	39.755	ng	97
35) Caprolactam	11.90	113	39309	26.563	ng	98
36) 4-Chloro-3-methylphenol	12.20	107	191519	44.325	ng	92
37) 2-Methylnaphthalene	12.56	142	373771	41.386	ng	99
38) 1-Methylnaphthalene	12.77	142	358463	42.319	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	254149	40.080	ng	99

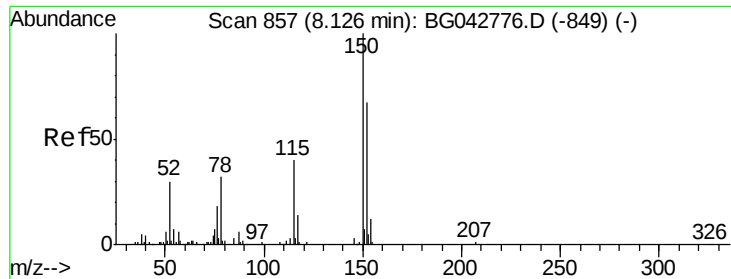
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 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	357577	98.436	nq	96
43) 2,4,6-Trichlorophenol	13.16	196	173050	40.992	nq	98
44) 2,4,5-Trichlorophenol	13.24	196	187022	43.251	nq	97
46) 1,1'-Biphenyl	13.56	154	533219	39.693	nq	100
47) 2-Chloronaphthalene	13.60	162	413346	37.196	nq	99
48) 2-Nitroaniline	13.81	65	154242	40.011	nq	98
49) Acenaphthylene	14.44	152	674625	39.726	nq	98
50) Dimethylphthalate	14.18	163	672927	46.812	nq	99
51) 2,6-Dinitrotoluene	14.29	165	129210	43.805	nq	96
52) Acenaphthene	14.78	154	405714	36.569	nq	97
53) 3-Nitroaniline	14.62	138	45296	13.683	nq	# 94
54) 2,4-Dinitrophenol	14.82	184	82408	56.752	nq	# 76
55) Dibenzofuran	15.12	168	660116	40.030	nq	97
56) 4-Nitrophenol	14.95	139	188532	73.657	nq	95
57) 2,4-Dinitrotoluene	15.08	165	177456	45.135	nq	98
58) Fluorene	15.76	166	558003	40.829	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	188851	45.053	nq	98
60) Diethylphthalate	15.54	149	557276	38.191	nq	98
61) 4-Chlorophenyl-phenylether	15.75	204	329254	40.746	nq	98
62) 4-Nitroaniline	15.79	138	130952	36.698	nq	86
63) Azobenzene	16.05	77	552917	39.349	nq	98
65) 4,6-Dinitro-2-methylphenol	15.84	198	89038	45.356	nq	93
66) n-Nitrosodiphenylamine	15.97	169	498954	40.415	nq	98
67) 4-Bromophenyl-phenylether	16.65	248	224316	40.395	nq	95
68) Hexachlorobenzene	16.77	284	230577	38.859	nq	97
69) Atrazine	16.93	200	193593	45.030	nq	98
70) Pentachlorophenol	17.12	266	266055	75.584	nq	93
71) Phenanthrene	17.50	178	891641	40.638	nq	99
72) Anthracene	17.60	178	896616	40.903	nq	99
73) Carbazole	17.87	167	815264	39.131	nq	98
74) Di-n-butylphthalate	18.43	149	920707	36.891	nq	100
75) Fluoranthene	19.51	202	1111862	39.100	nq	99
77) Benzidine	19.69	184	244997	20.675	nq	99
78) Pyrene	19.87	202	1119051	42.142	nq	99
80) Butylbenzylphthalate	20.76	149	393142	36.583	nq	96
81) Benzo(a)anthracene	21.72	228	1052610	39.032	nq	99
82) 3,3'-Dichlorobenzidine	21.63	252	157293	15.009	nq	98
83) Chrysene	21.79	228	1022674	40.035	nq	100
84) Bis(2-ethylhexyl)phthalate	21.63	149	534862	36.425	nq	97
85) Di-n-octyl phthalate	22.86	149	866419	34.612	nq	99
86) Indeno(1,2,3-cd)pyrene	28.72	276	1111195	35.127	nq	# 90
88) Benzo(b)fluoranthene	23.97	252	1044029	40.038	nq	# 98
89) Benzo(k)fluoranthene	24.03	252	987624	40.095	nq	# 97
90) Benzo(a)pyrene	24.85	252	992926	40.666	nq	# 98
91) Dibenzo(a,h)anthracene	28.78	278	937693	39.047	nq	# 96
92) Benzo(g,h,i)perylene	29.88	276	924943	39.487	nq	# 94

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

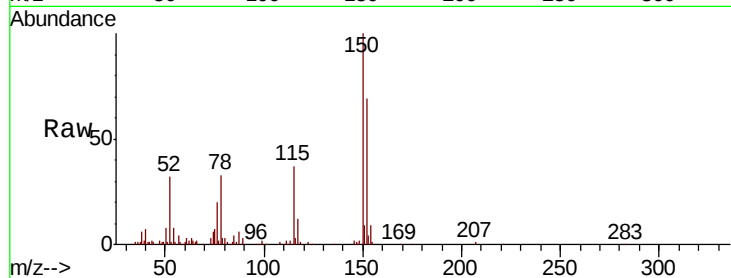


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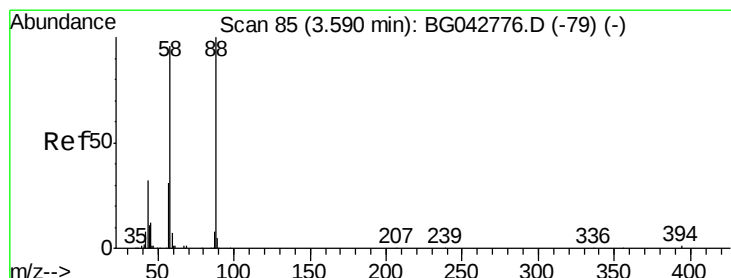
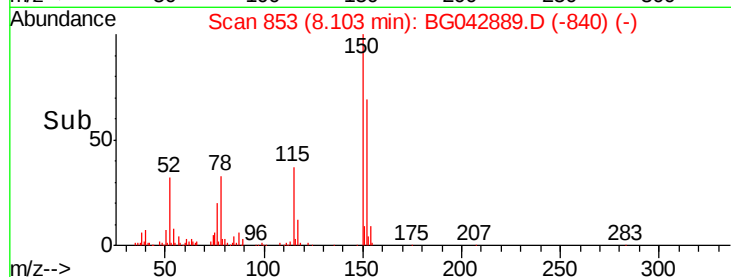
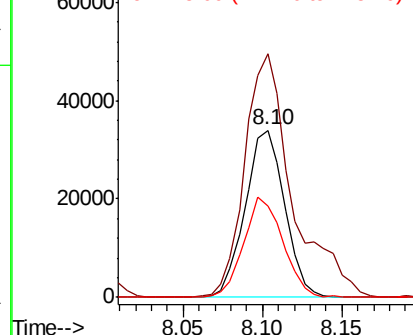
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58677
Ion Ratio Lower Upper
152 100
150 145.7 118.9 178.3
115 54.6 47.4 71.2



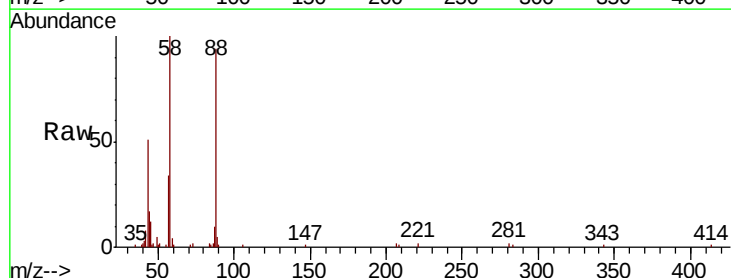
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



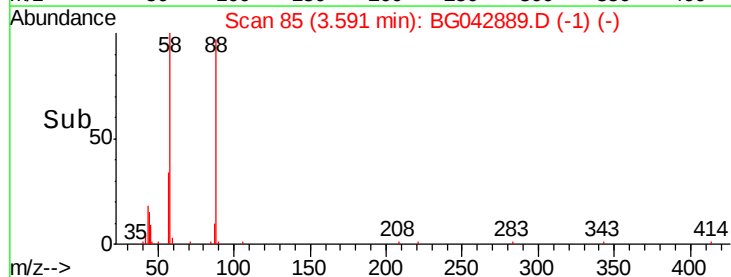
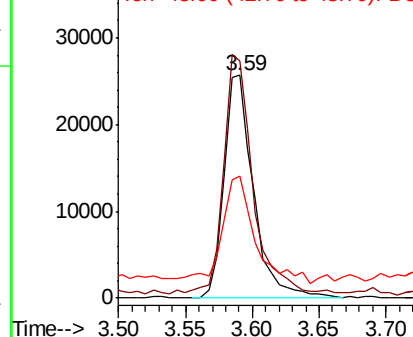
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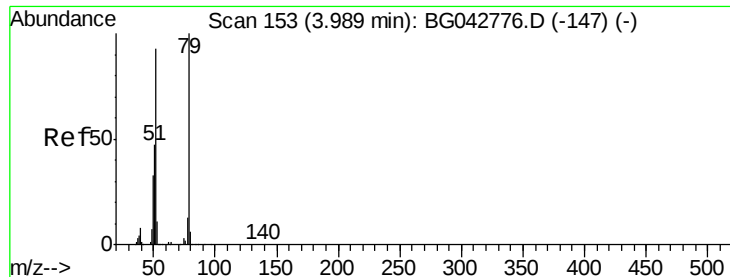
1,4-Dioxane
Concen: 25.924 ng
RT: 3.59 min Scan# 85
Delta R.T. 0.00 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion: 88 Resp: 39931
Ion Ratio Lower Upper
88 100
58 107.1 79.1 118.7
43 55.3 30.4 45.6#



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: 22.397 ng

RT: 4.01 min Scan# 156

Delta R.T. 0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

ClientSampleId :

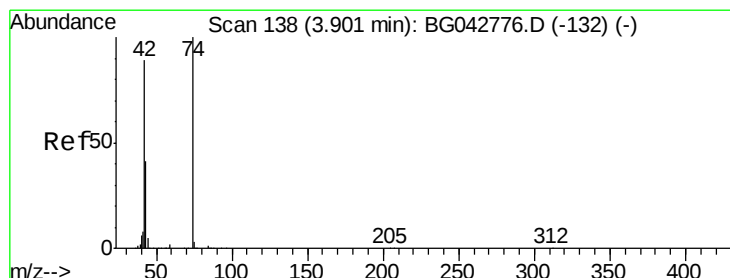
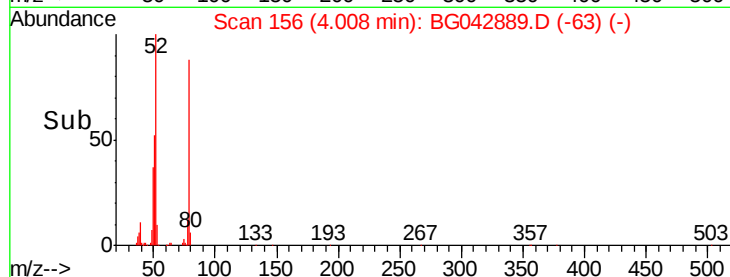
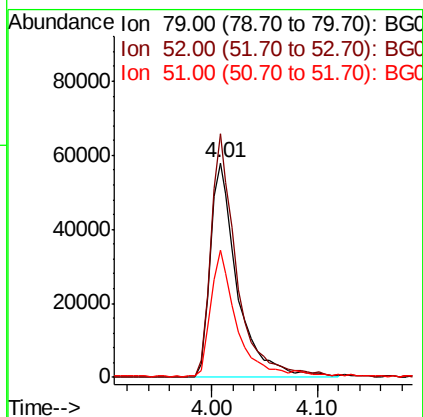
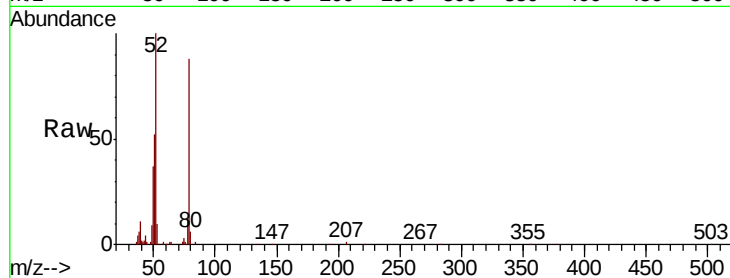
Tot Ion: 79 Resp: 103869

Ion Ratio Lower Upper

79 100

52 113.4 74.0 111.0#

51 59.4 37.5 56.3#



#4

n-Nitrosodimethylamine

Concen: 36.928 ng

RT: 3.90 min Scan# 138

Delta R.T. 0.00 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

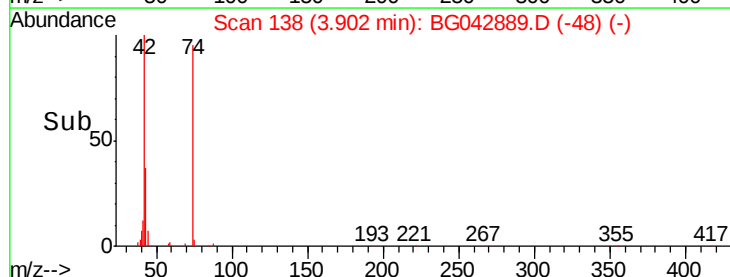
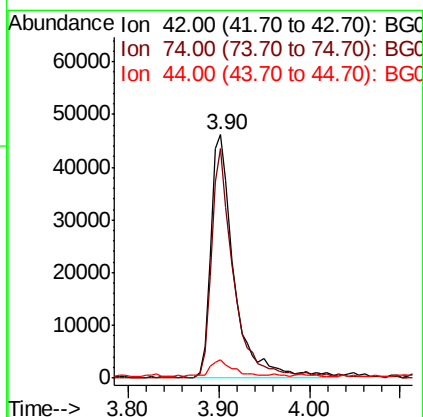
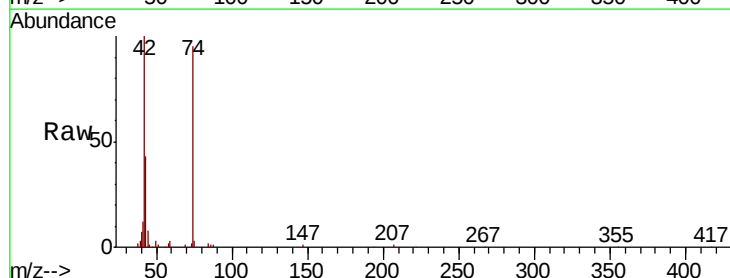
Tgt Ion: 42 Resp: 83333

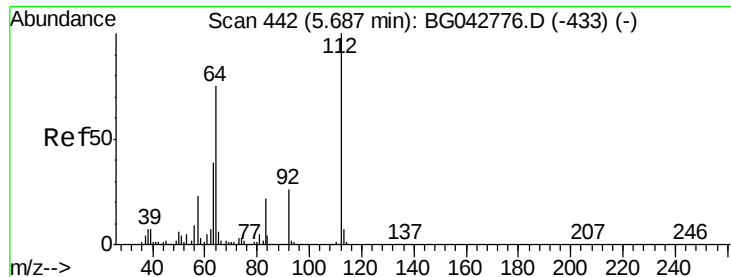
Ion Ratio Lower Upper

42 100

74 94.5 90.2 135.2

44 7.5 6.6 9.8





#5

2-Fluorophenol

Concen: 103.629 ng

RT: 5.70 min Scan# 444

Delta R.T. 0.01 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

ClientSampleId :

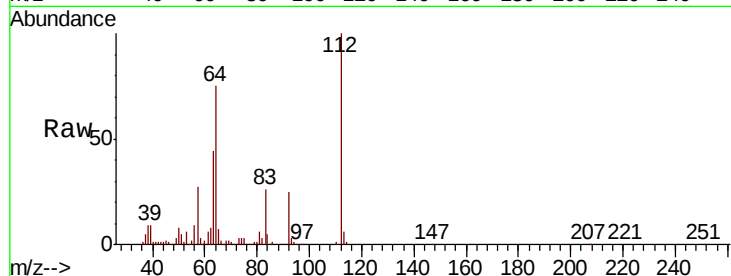
Tot Ion:112 Resp: 349753

Ion Ratio Lower Upper

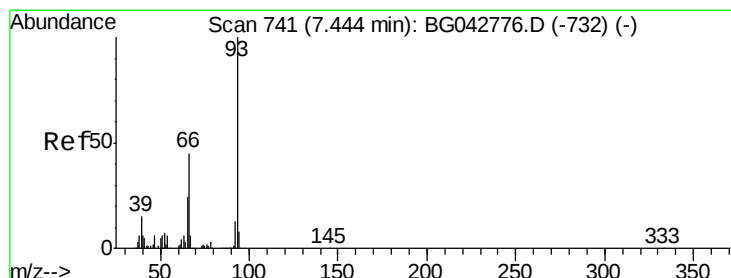
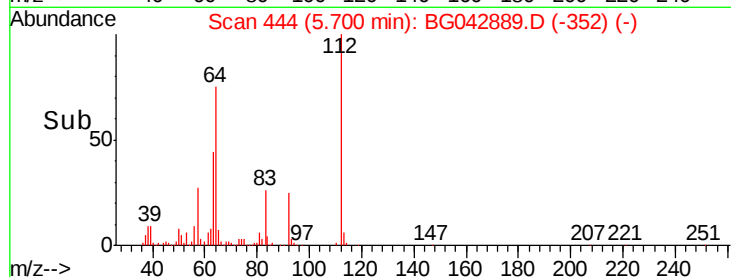
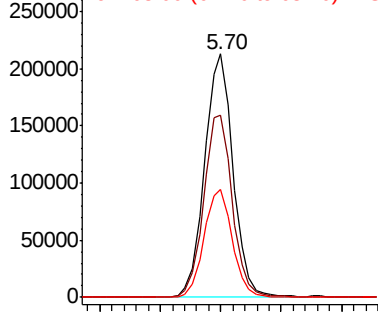
112 100

64 74.7 60.2 90.2

63 44.3 31.2 46.8



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: 12.397 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

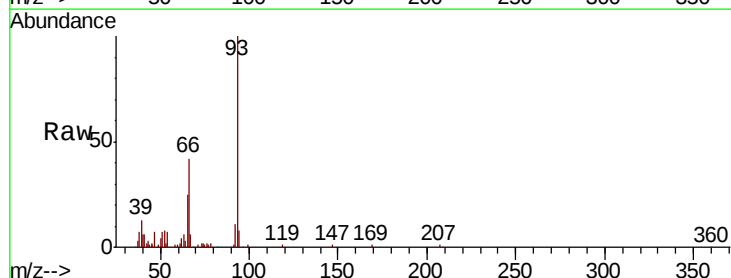
Tgt Ion: 93 Resp: 81029

Ion Ratio Lower Upper

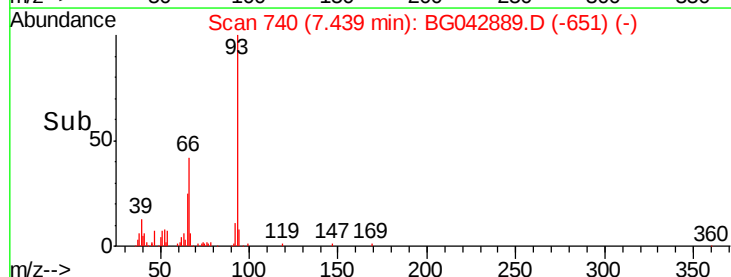
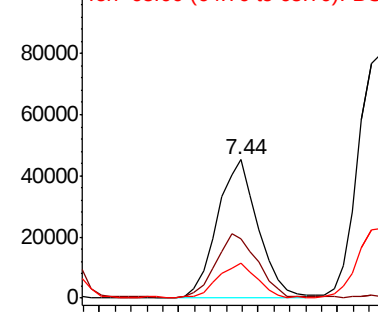
93 100

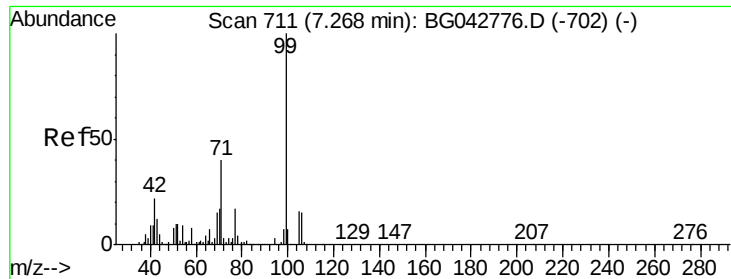
66 42.4 36.3 54.5

65 25.2 19.3 28.9



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 115.610 ng

RT: 7.29 min Scan# 715

Delta R.T. 0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

ClientSampleId :

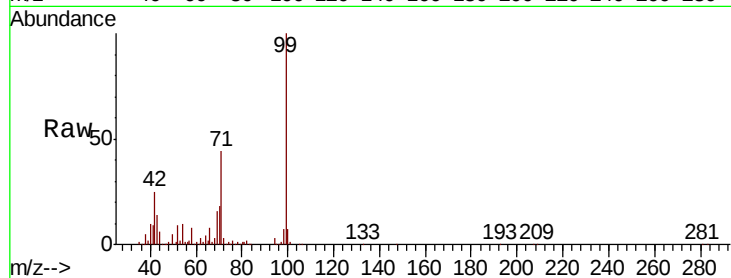
Tot Ion: 99 Resp: 560053

Ion Ratio Lower Upper

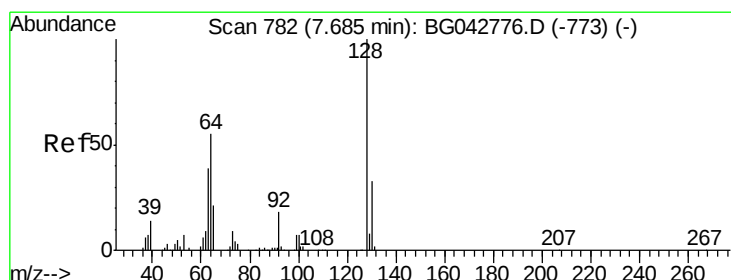
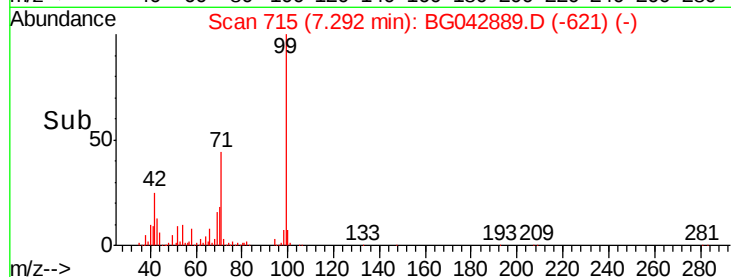
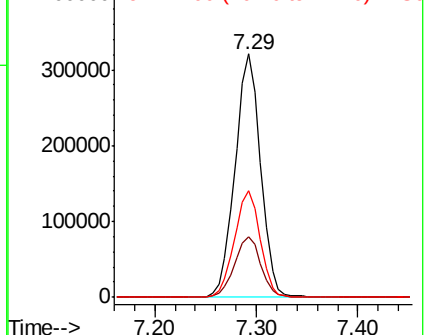
99 100

42 24.6 17.5 26.3

71 43.5 32.0 48.0



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



#8

2-Chlorophenol

Concen: 40.936 ng

RT: 7.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

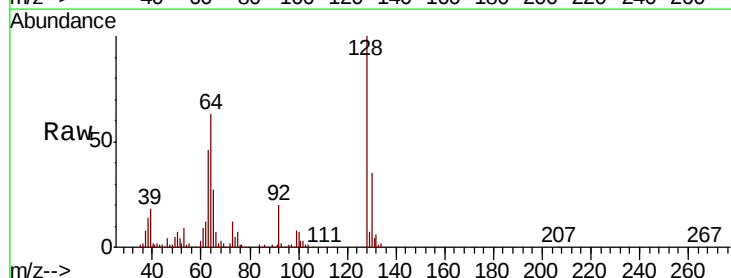
Tgt Ion: 128 Resp: 149343

Ion Ratio Lower Upper

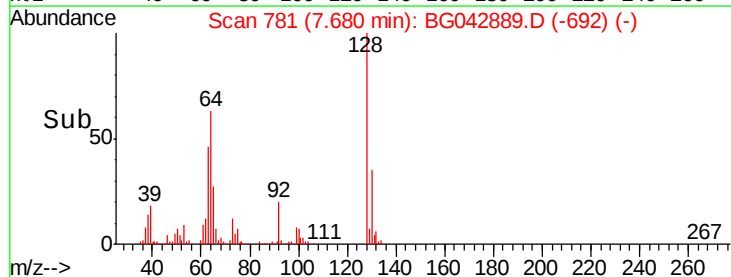
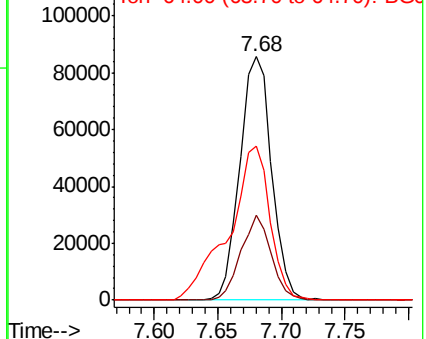
128 100

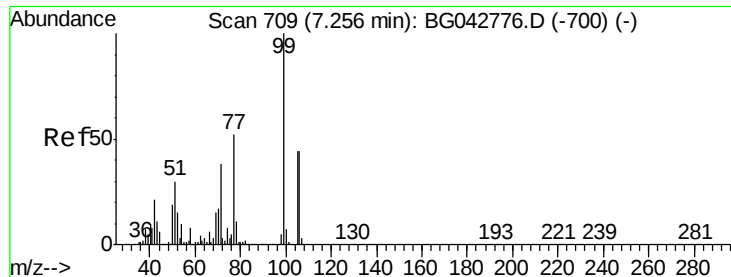
130 34.9 12.8 52.8

64 63.4 36.8 76.8



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





#9

Benzaldehyde

Concen: 29.209 ng

RT: 7.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

ClientSampleId :

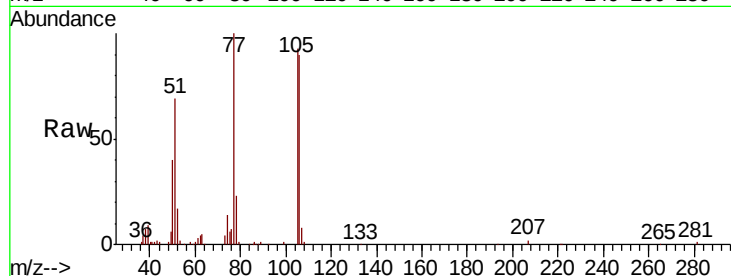
Tot Ion: 77 Resp: 92080

Ion Ratio Lower Upper

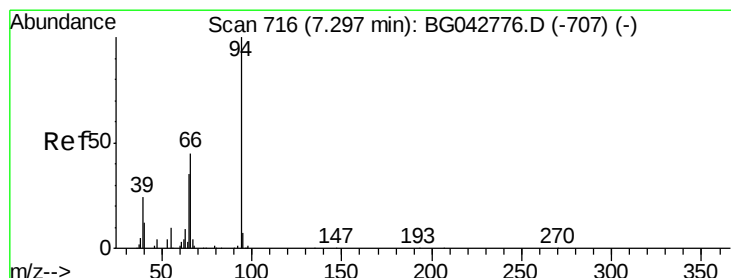
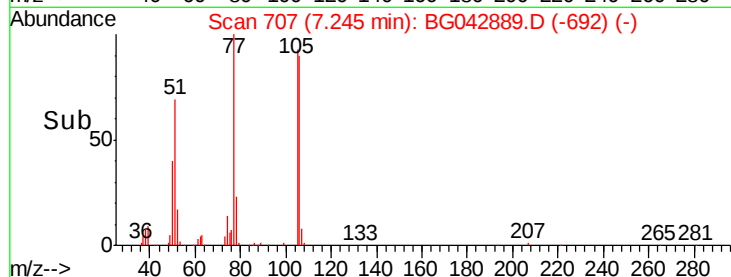
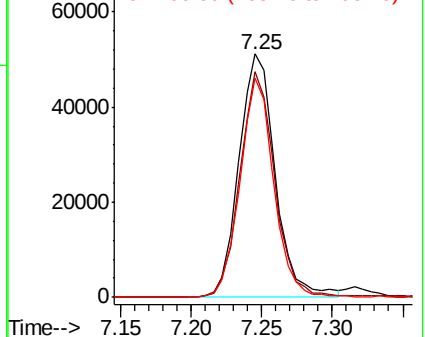
77 100

105 92.9 64.5 104.5

106 90.2 63.4 103.4



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



#10

Phenol

Concen: 43.770 ng

RT: 7.32 min Scan# 719

Delta R.T. 0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

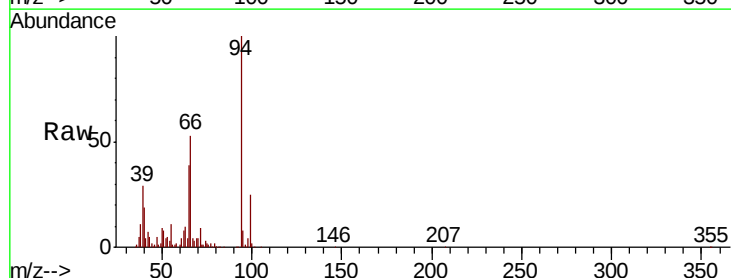
Tgt Ion: 94 Resp: 217449

Ion Ratio Lower Upper

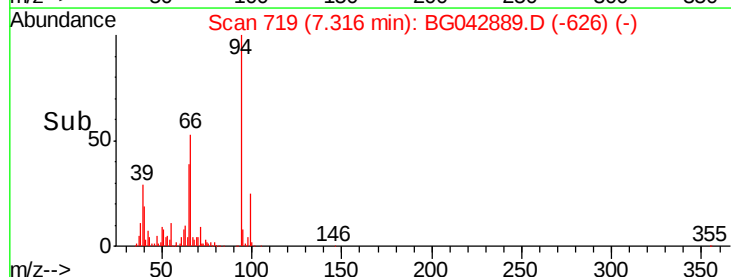
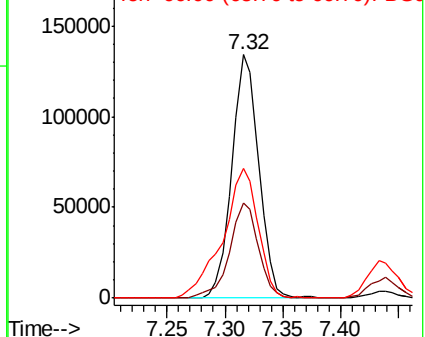
94 100

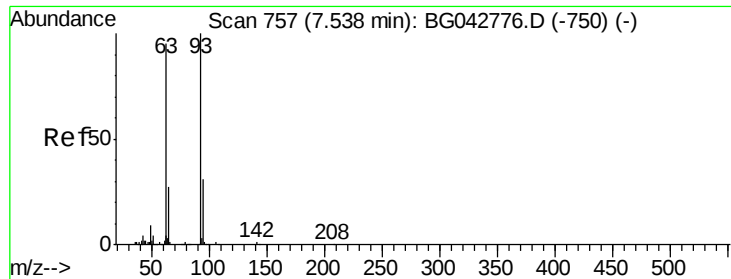
65 38.9 15.0 55.0

66 53.5 26.1 66.1



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



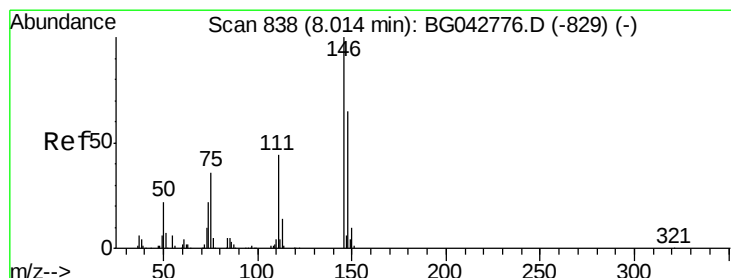
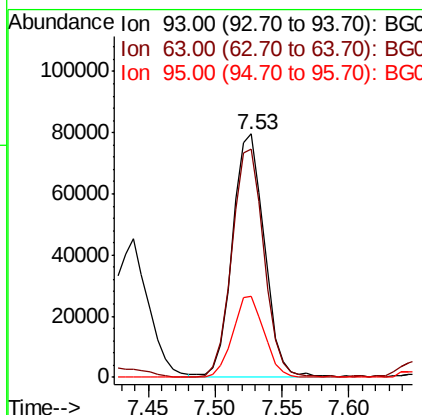
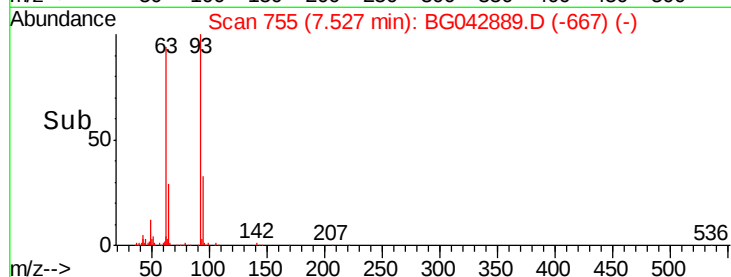
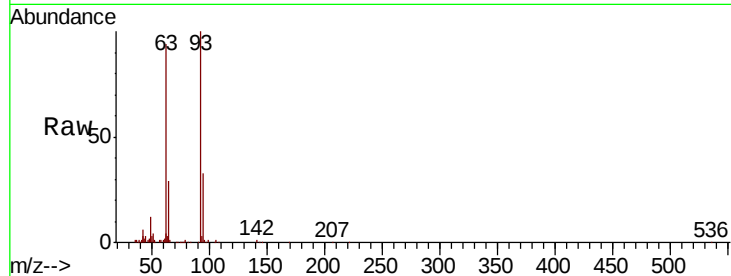


#11
 bis(2-Chloroethyl)ether
 Concen: 34.612 ng
 RT: 7.53 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BG042889.D
 Acq: 18 Sep 2019 11:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 93 Resp: 131967

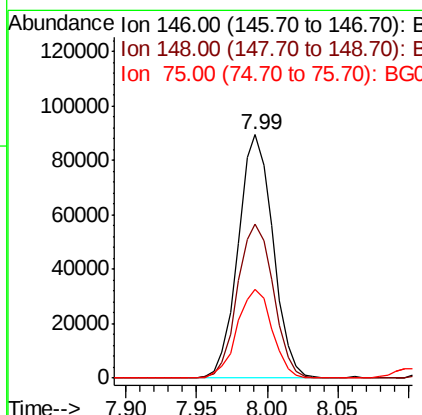
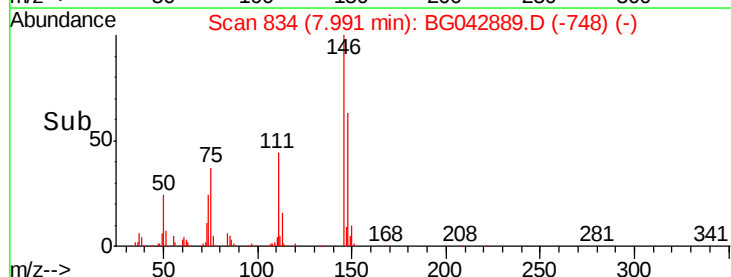
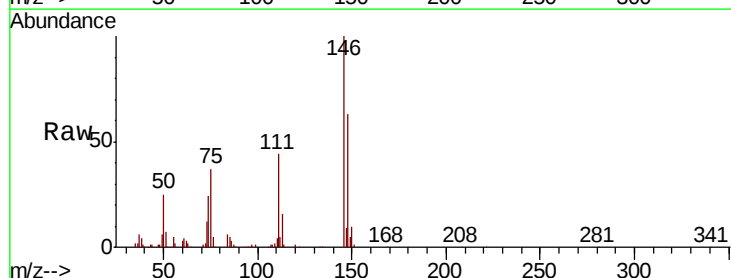
Ion	Ratio	Lower	Upper
93	100		
63	93.8	74.7	114.7
95	33.4	11.1	51.1

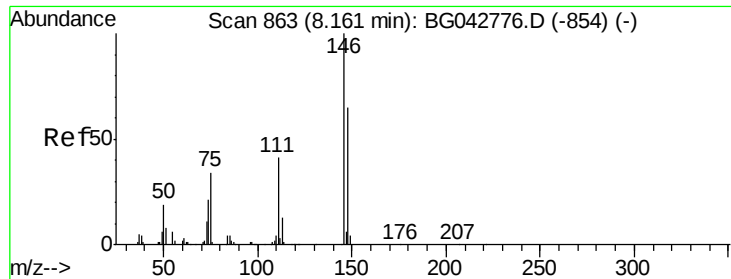


#12
 1,3-Dichlorobenzene
 Concen: 34.788 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BG042889.D
 Acq: 18 Sep 2019 11:50

Tgt Ion: 146 Resp: 154799

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.9	77.9
75	36.6	28.4	42.6

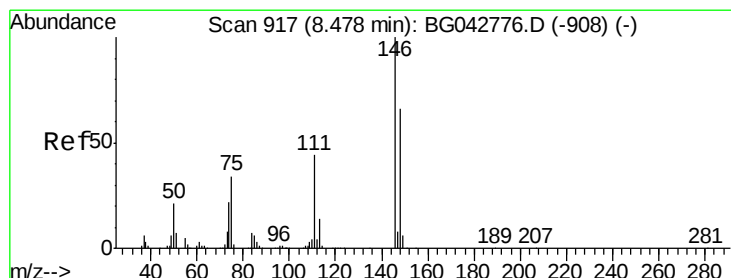
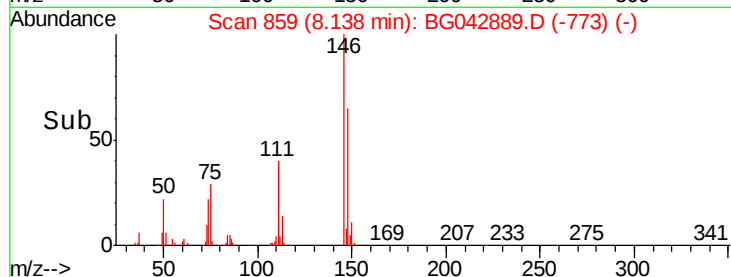
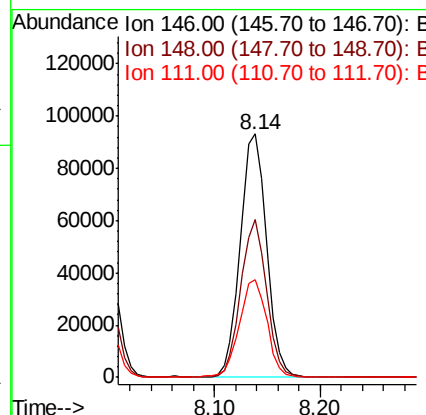
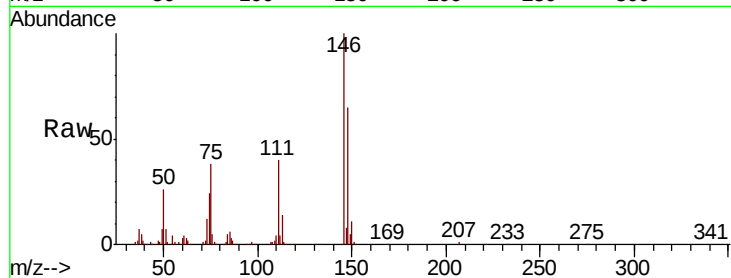




#13
 1,4-Dichlorobenzene
 Concen: 36.000 ng
 RT: 8.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BG042889.D
 Acq: 18 Sep 2019 11:50

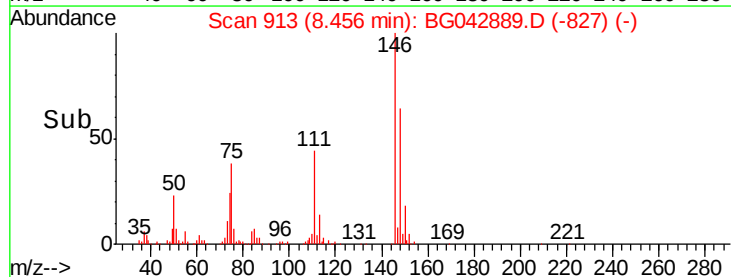
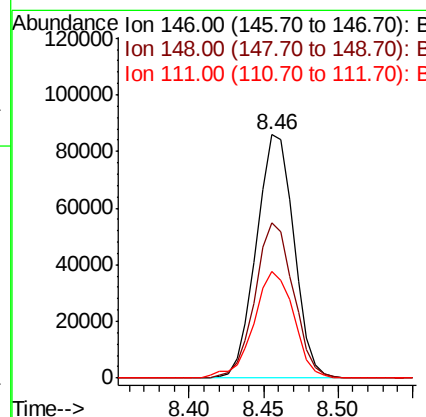
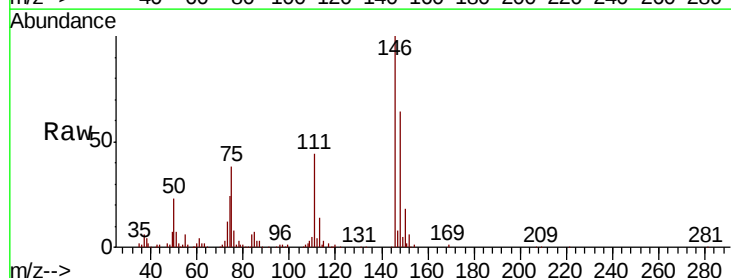
Instrument :
 BNA_G
 ClientSampleId :

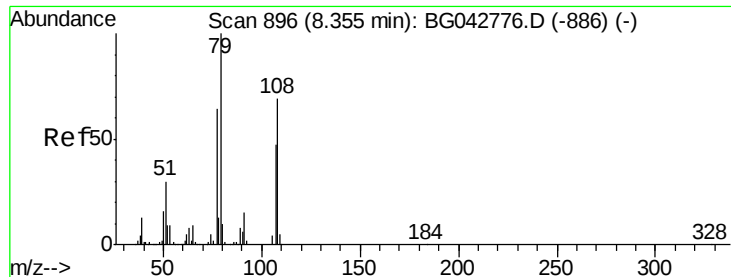
Tot Ion:146 Resp: 160380
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.2 78.4
 111 40.2 32.6 49.0



#14
 1,2-Dichlorobenzene
 Concen: 35.200 ng
 RT: 8.46 min Scan# 913
 Delta R.T. -0.02 min
 Lab File: BG042889.D
 Acq: 18 Sep 2019 11:50

Tgt Ion:146 Resp: 149273
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.6 78.8
 111 43.9 35.3 52.9





#15

Benzyl Alcohol

Concen: 39.392 ng

RT: 8.36 min Scan# 896

Delta R.T. 0.00 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

ClientSampleId :

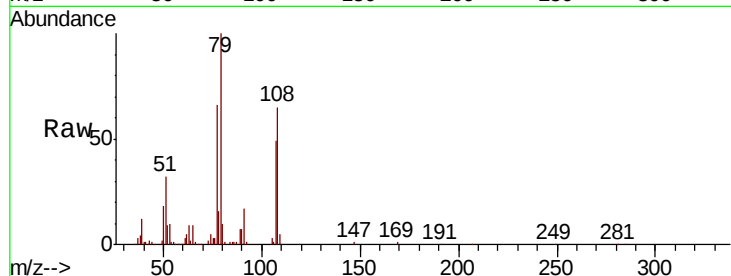
Tot Ion: 79 Resp: 163766

Ion Ratio Lower Upper

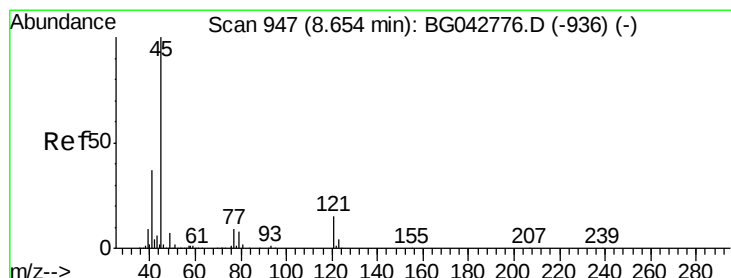
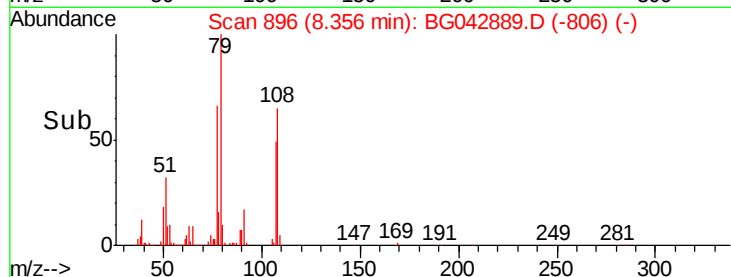
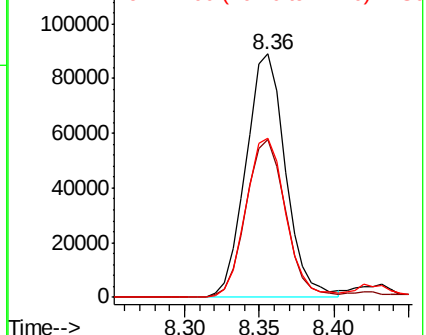
79 100

108 65.0 54.9 82.3

77 65.6 51.0 76.6



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: 37.046 ng

RT: 8.63 min Scan# 943

Delta R.T. -0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

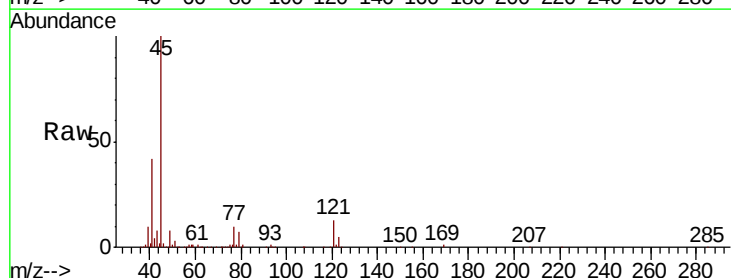
Tgt Ion: 45 Resp: 310186

Ion Ratio Lower Upper

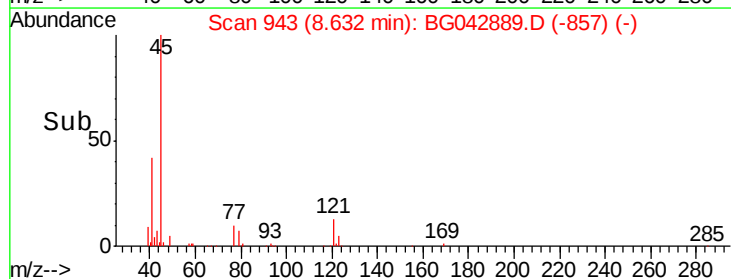
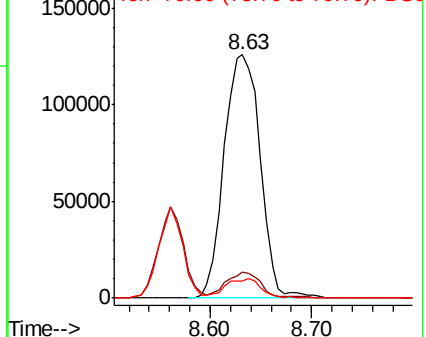
45 100

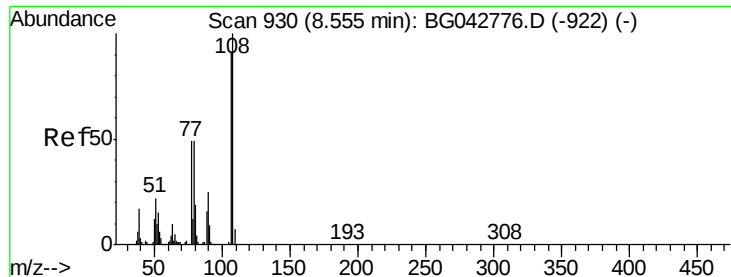
77 10.5 0.0 29.4

79 7.2 0.0 28.4



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





#17

2-Methylphenol

Concen: 41.391 ng

RT: 8.56 min Scan# 931

Delta R.T. 0.01 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 137570

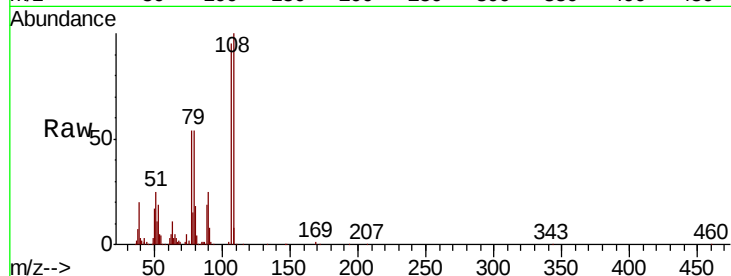
Ion Ratio Lower Upper

107 100

108 105.0 87.7 131.5

77 56.9 42.6 64.0

79 56.5 43.4 65.2

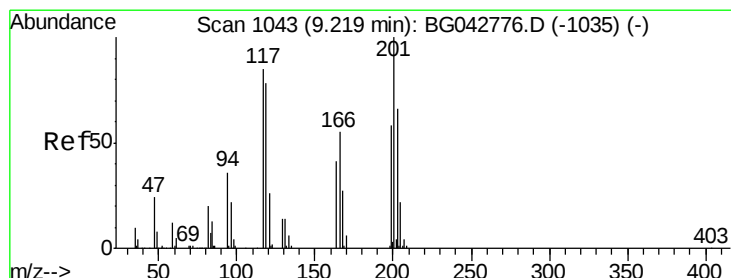
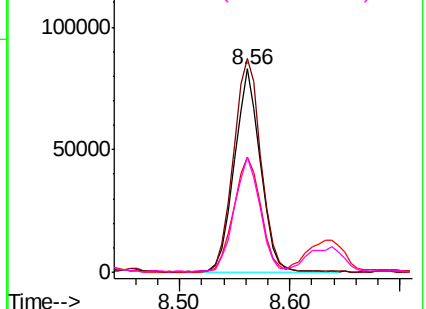
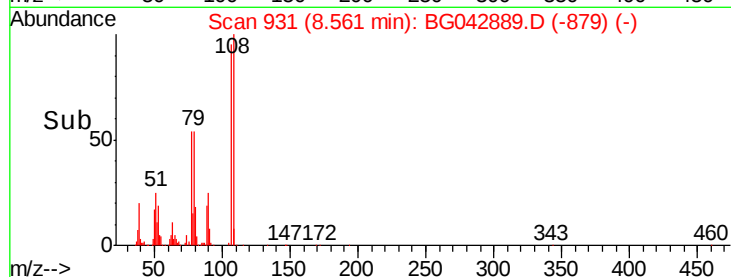


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.546 ng

RT: 9.19 min Scan# 1038

Delta R.T. -0.03 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

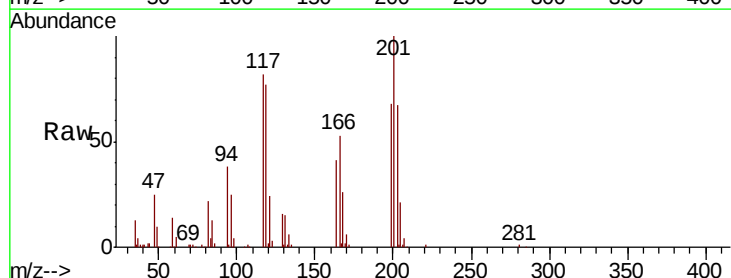
Tgt Ion:117 Resp: 60109

Ion Ratio Lower Upper

117 100

119 93.5 73.8 110.8

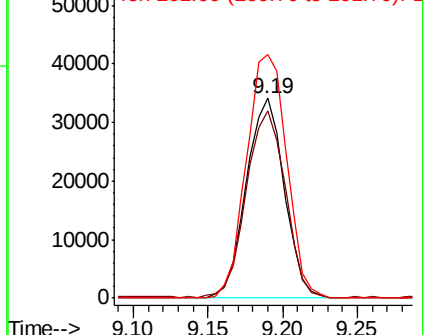
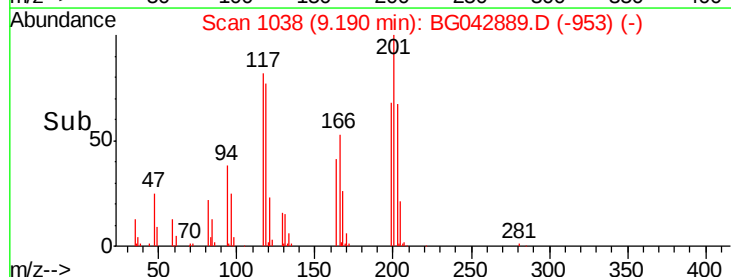
201 121.8 94.6 142.0

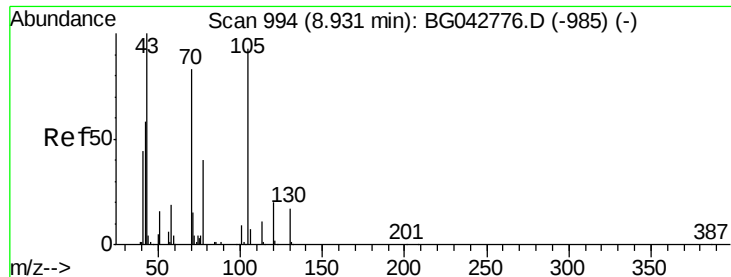


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

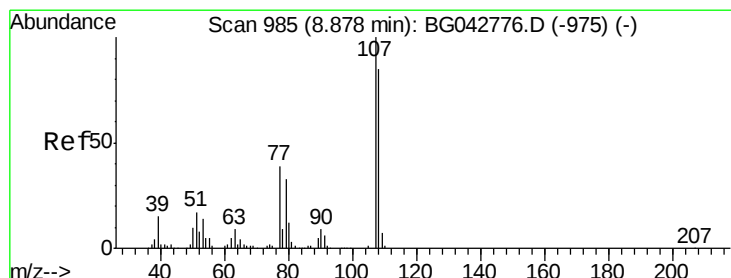
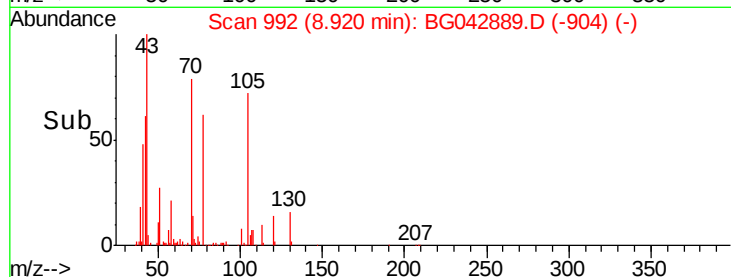
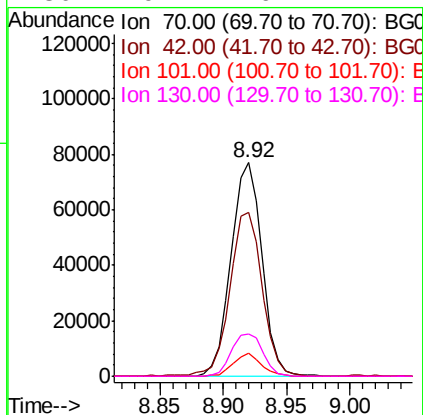
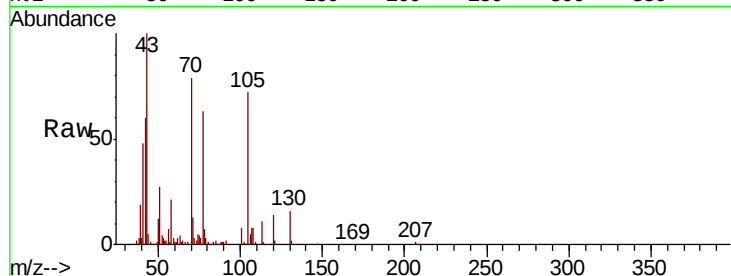




#19
n-Nitroso-di-n-propylamine
Concen: 36.297 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

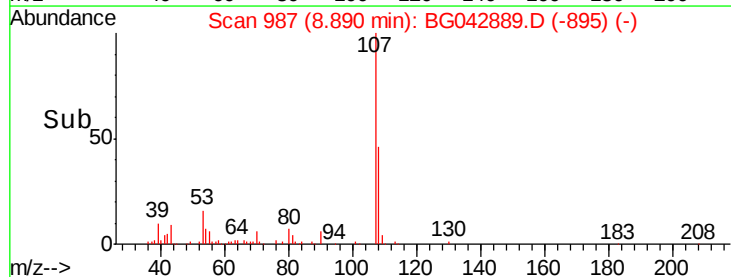
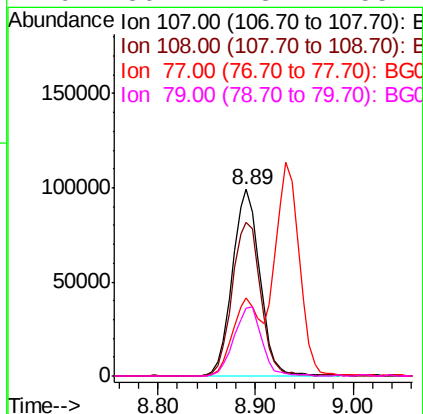
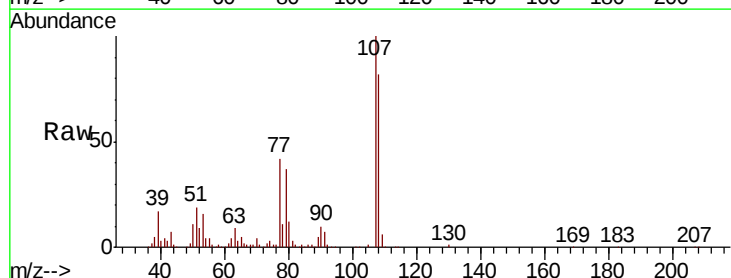
Instrument :
BNA_G
ClientSampled :

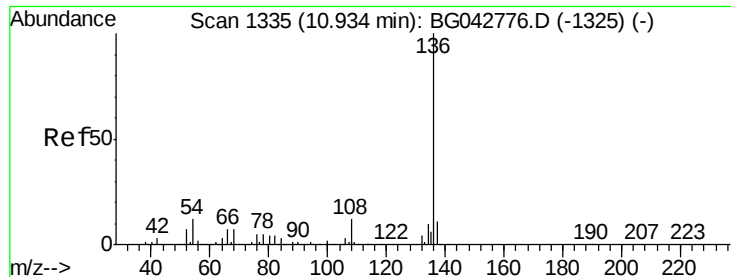
Tot Ion:	70	Resp:	129567
Ion	Ratio	Lower	Upper
70	100		
42	76.8	57.0	85.6
101	10.7	8.4	12.6
130	19.7	16.1	24.1



#20
3+4-Methylphenols
Concen: 42.386 ng
RT: 8.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion:	107	Resp:	194195
Ion	Ratio	Lower	Upper
107	100		
108	82.3	65.4	105.4
77	41.7	18.7	58.7
79	36.7	13.7	53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1330

Delta R.T. -0.03 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 244188

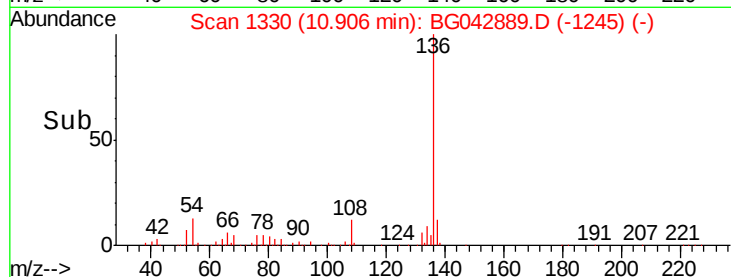
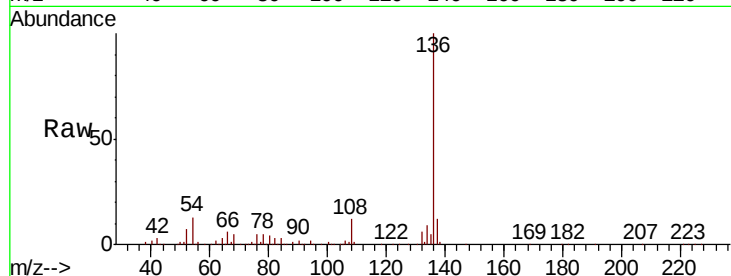
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.6

54 12.7 9.4 14.0

68 5.1 5.4 8.2#

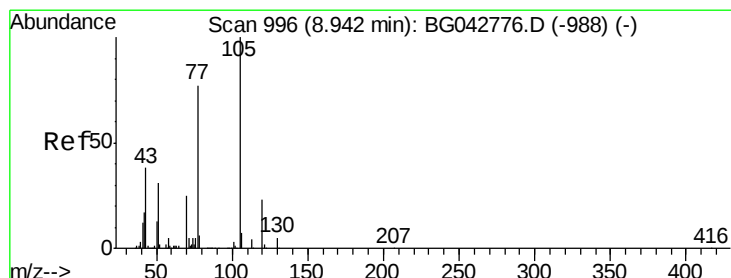
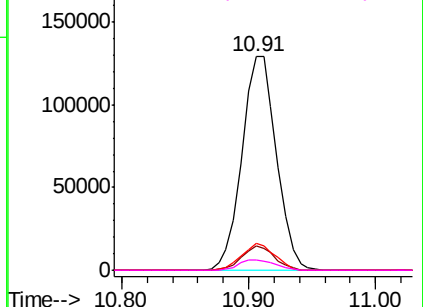


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.125 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Tgt Ion:105 Resp: 228949

Ion Ratio Lower Upper

105 100

71 4.0

3.7

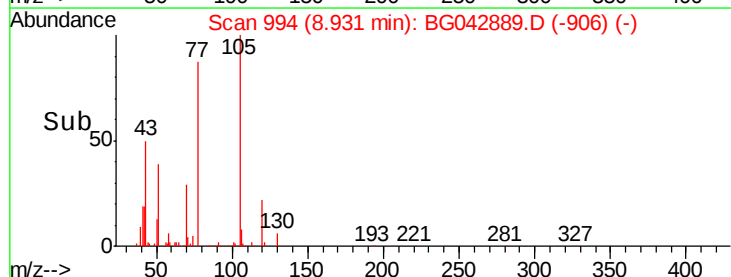
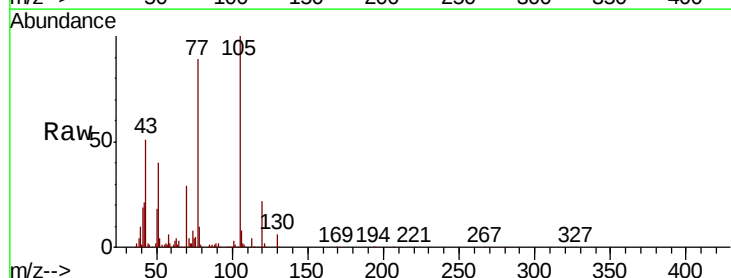
5.5

51 40.3

28.8

43.2

120 22.0 18.5 27.7

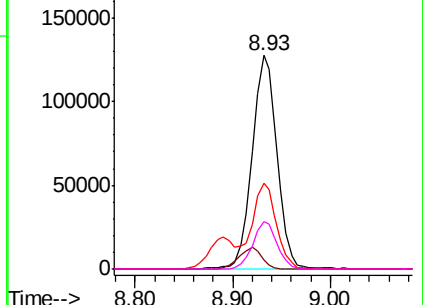


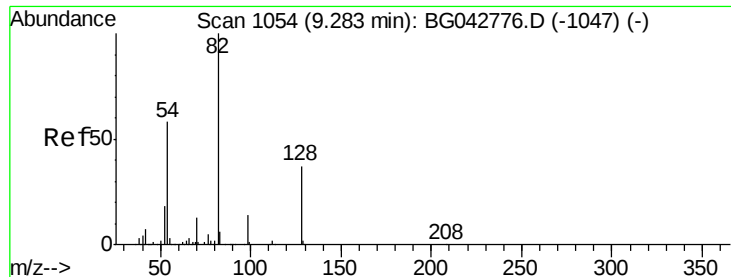
Abundance Ion 105.00 (104.70 to 105.70): E

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

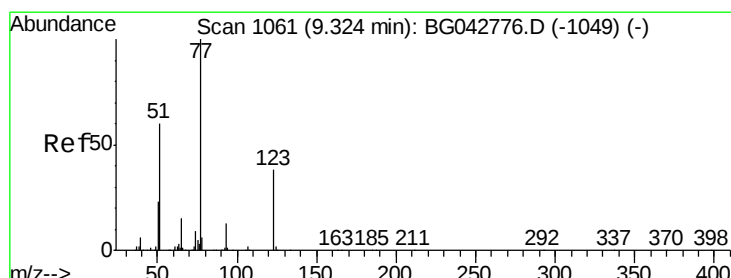
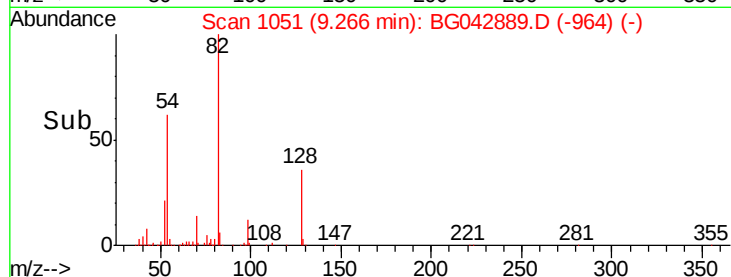
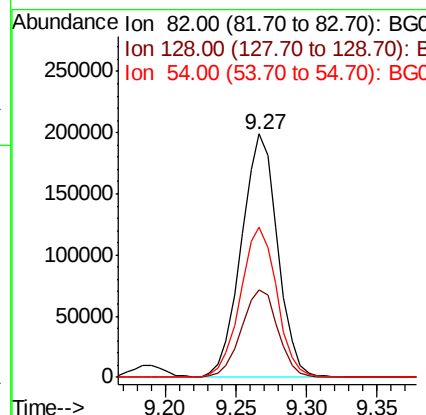
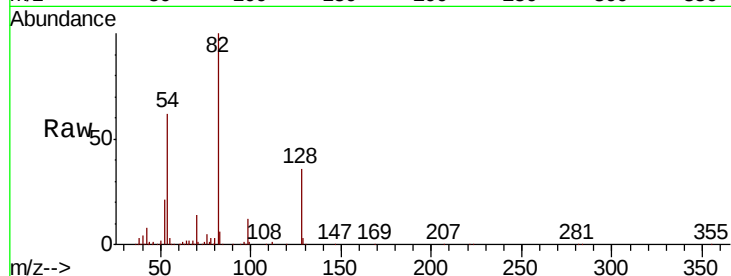




#23
Nitrobenzene-d5
Concen: 75.860 ng
RT: 9.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

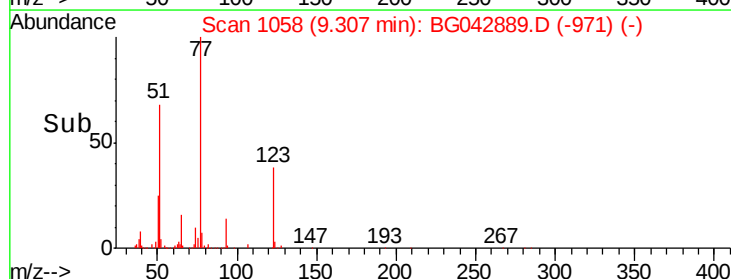
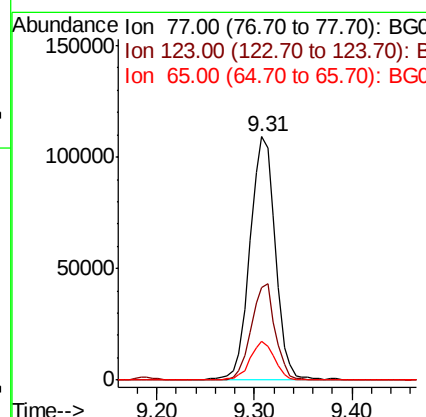
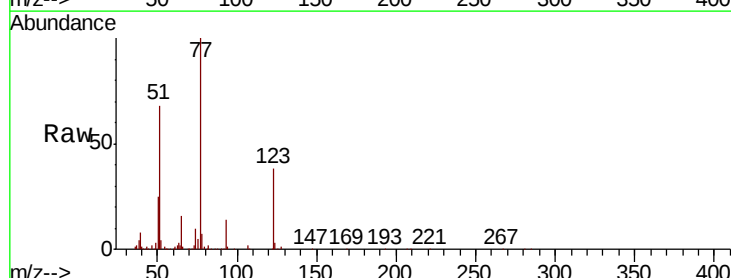
Instrument :
BNA_G
ClientSampleId :

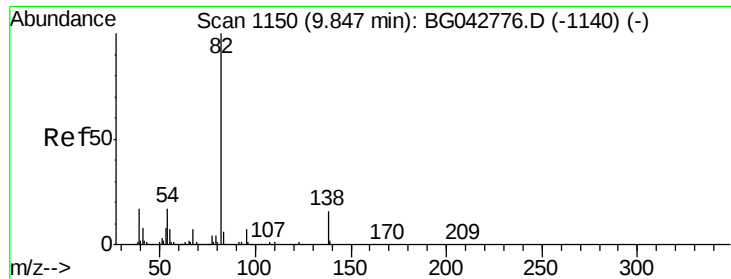
Tot Ion	82	Resp	355805
Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.8	44.8
54	61.8	46.1	69.1



#24
Nitrobenzene
Concen: 40.588 ng
RT: 9.31 min Scan# 1058
Delta R.T. -0.02 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion	77	Resp	199820
Ion	Ratio	Lower	Upper
77	100		
123	38.0	30.7	46.1
65	16.1	12.2	18.4





#25

Isophorone

Concen: 37.254 ng

RT: 9.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

ClientSampled :

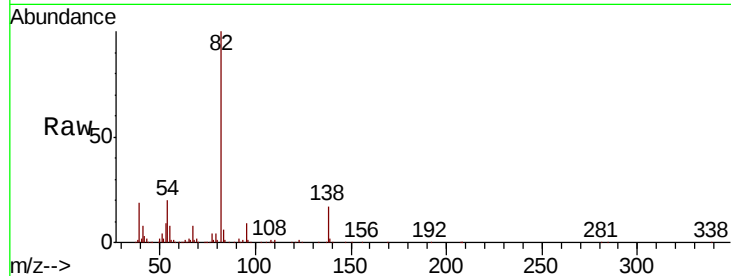
Tot Ion: 82 Resp: 364214

Ion Ratio Lower Upper

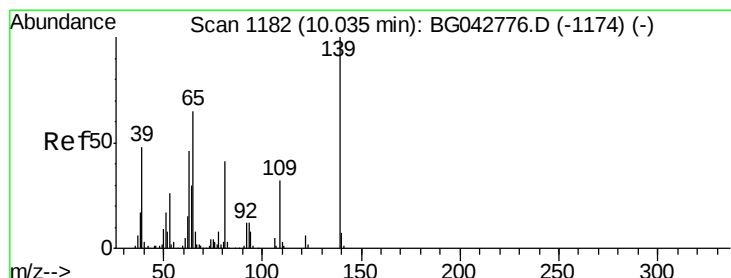
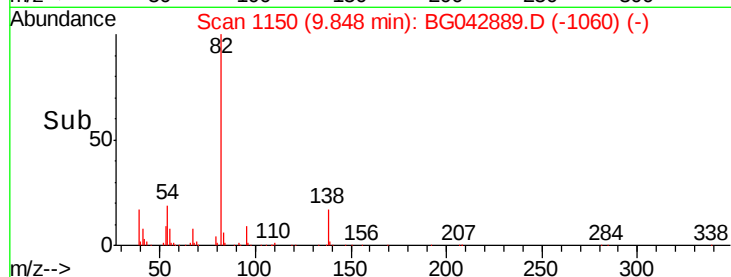
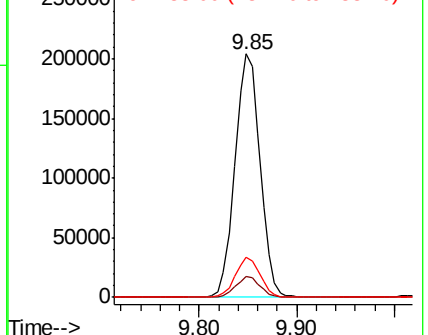
82 100

95 8.7 5.8 8.8

138 16.7 12.9 19.3



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



#26

2-Nitrophenol

Concen: 45.648 ng

RT: 10.02 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

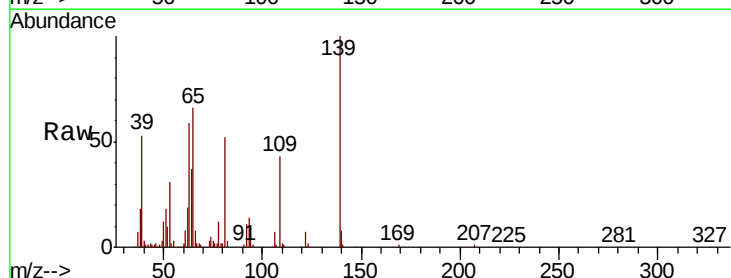
Tgt Ion: 139 Resp: 88370

Ion Ratio Lower Upper

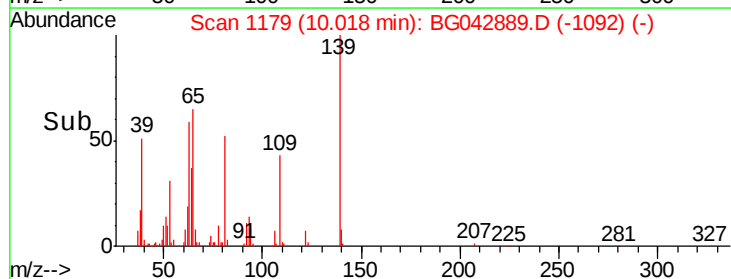
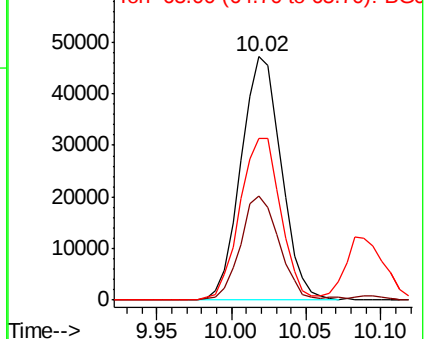
139 100

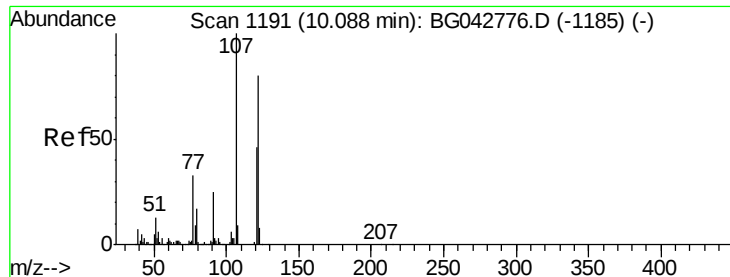
109 42.9 25.8 38.8#

65 66.3 52.2 78.2



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





#27

2,4-Dimethylphenol

Concen: 42.819 ng

RT: 10.09 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

ClientSampled :

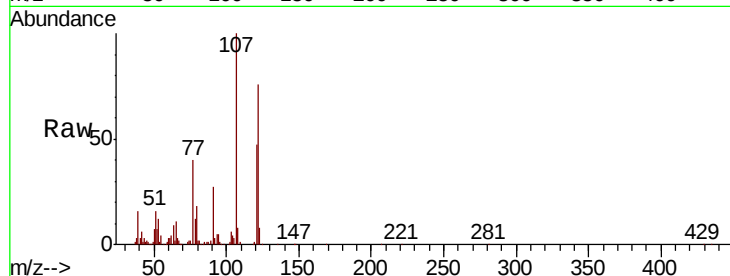
Tot Ion:122 Resp: 146634

Ion Ratio Lower Upper

122 100

107 132.0 98.9 148.3

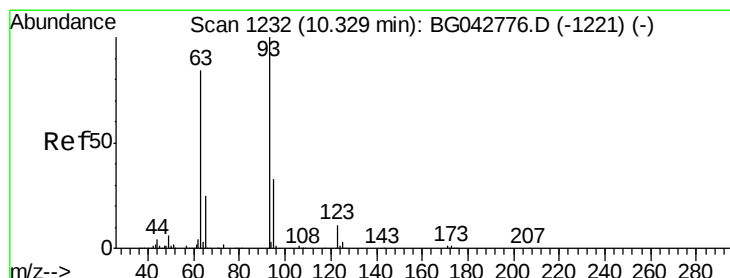
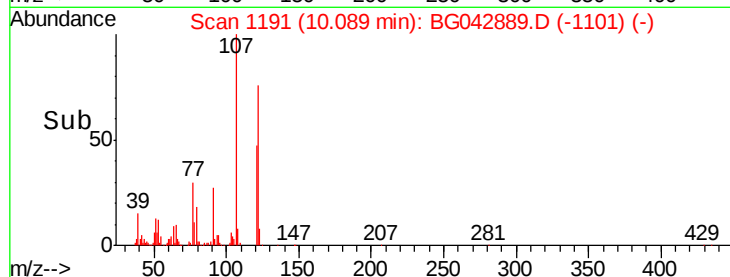
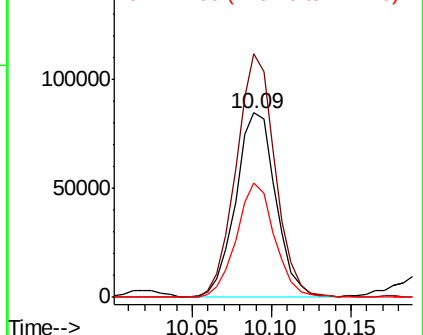
121 62.1 46.2 69.2



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: 35.947 ng

RT: 10.31 min Scan# 1229

Delta R.T. -0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

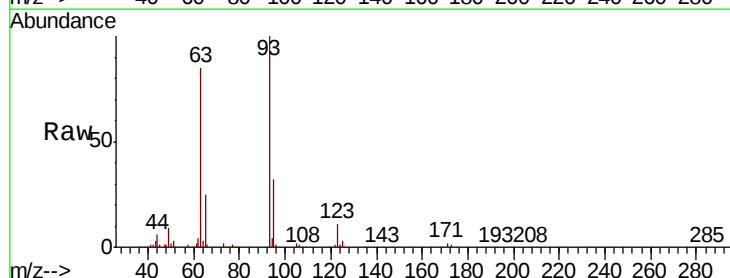
Tgt Ion: 93 Resp: 195987

Ion Ratio Lower Upper

93 100

95 32.1 26.6 40.0

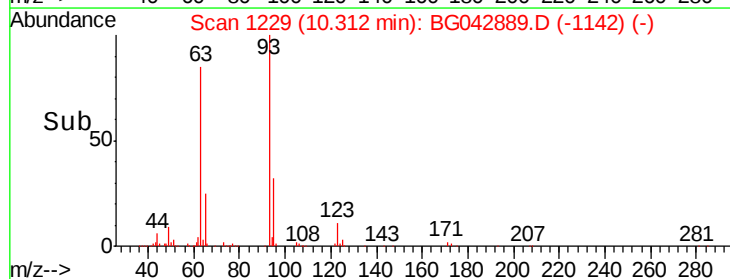
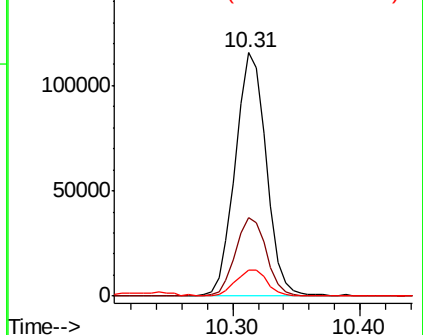
123 10.8 9.0 13.6

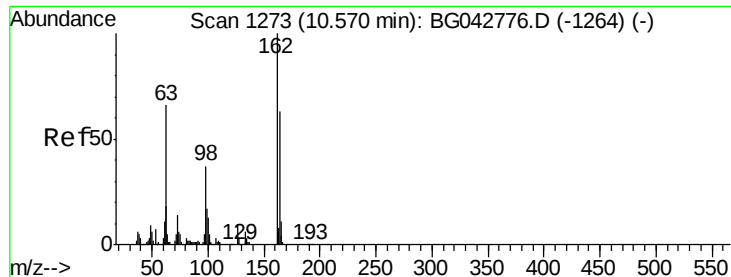


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

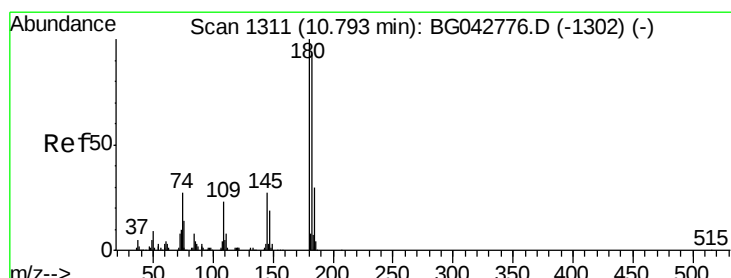
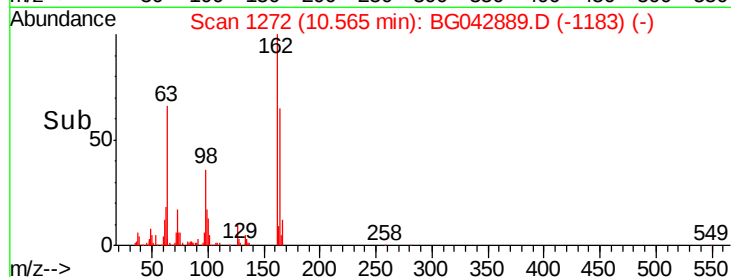
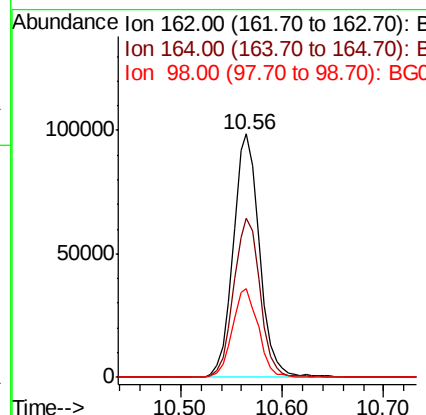
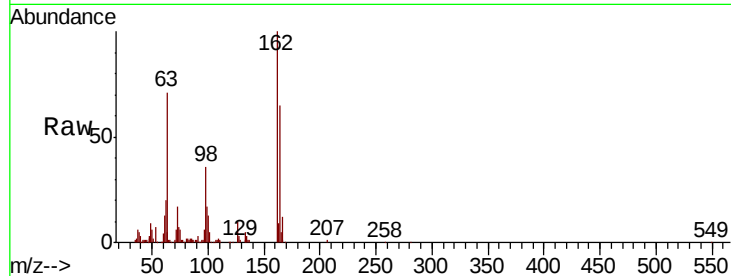




#29
 2,4-Dichlorophenol
 Concen: 44.313 ng
 RT: 10.56 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BG042889.D
 Acq: 18 Sep 2019 11:50

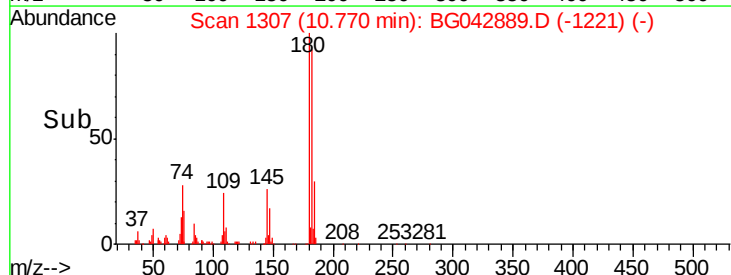
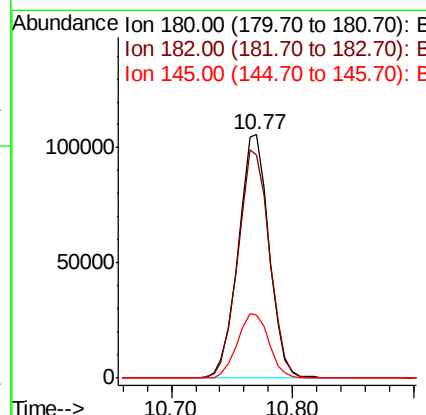
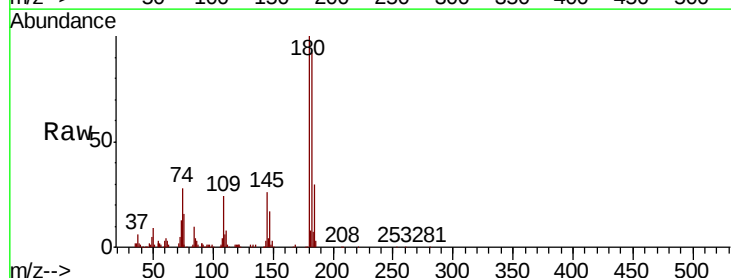
Instrument :
 BNA_G
 ClientSampleId :

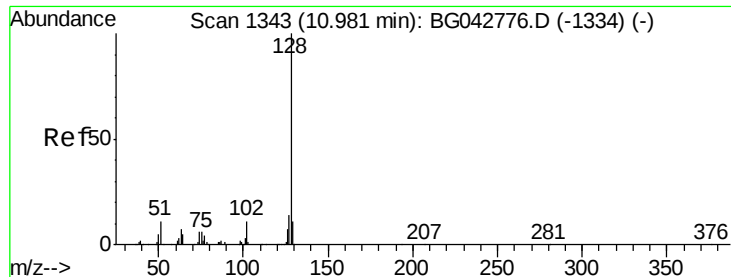
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	43.4	83.4
98	36.3	17.0	57.0



#30
 1,2,4-Trichlorobenzene
 Concen: 38.707 ng
 RT: 10.77 min Scan# 1307
 Delta R.T. -0.02 min
 Lab File: BG042889.D
 Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.9	74.6	112.0
145	25.7	21.8	32.6

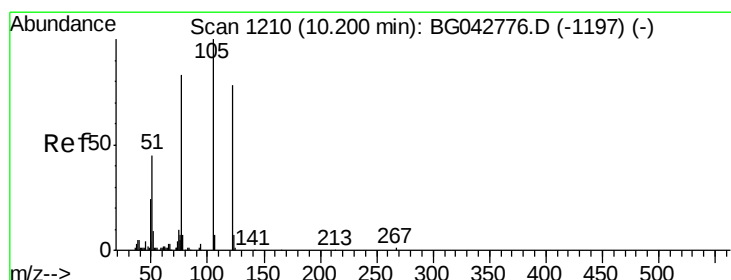
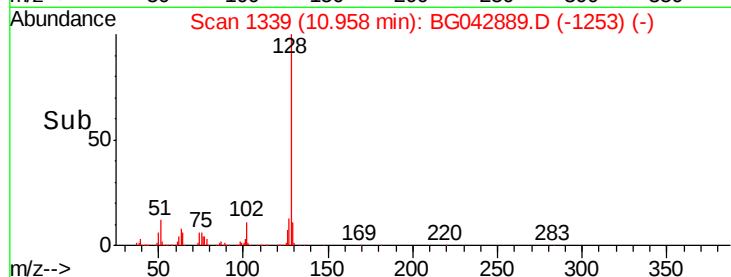
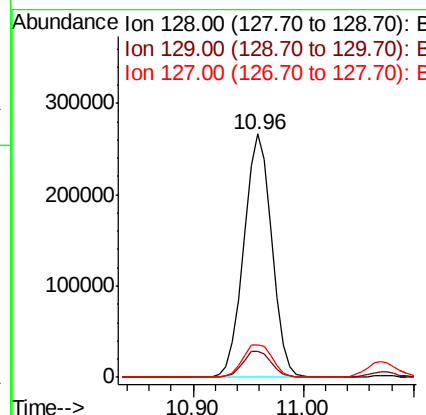
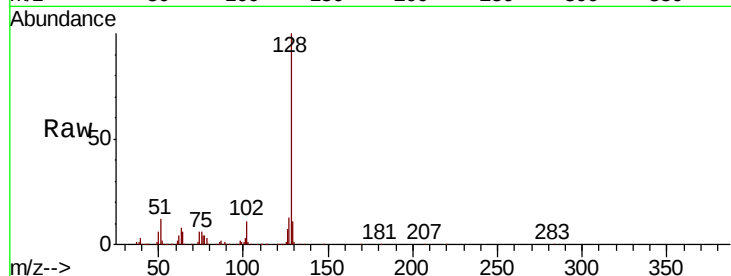




#31
Naphthalene
Concen: 39.361 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

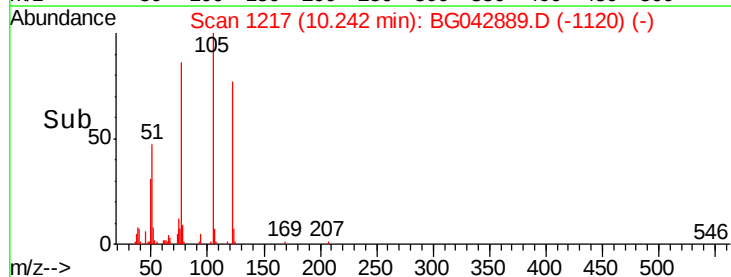
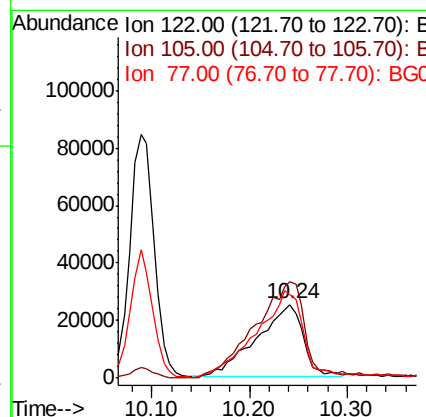
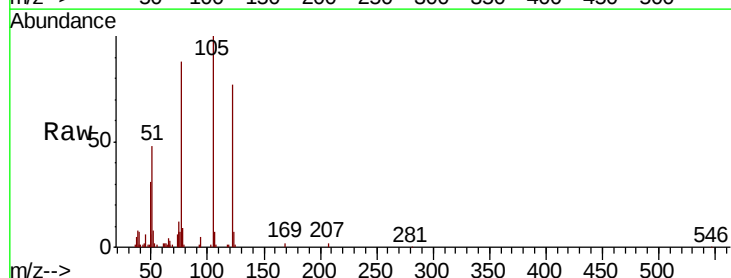
Instrument :
BNA_G
ClientSampleId :

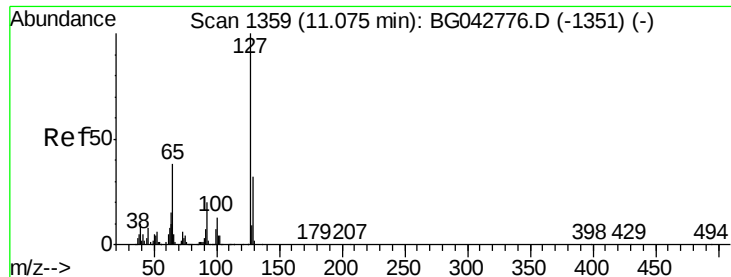
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.0	13.6
127	13.3	11.4	17.2



#32
Benzoic acid
Concen: 32.605 ng
RT: 10.24 min Scan# 1217
Delta R.T. 0.04 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.1	104.0	144.0
77	114.0	84.2	124.2

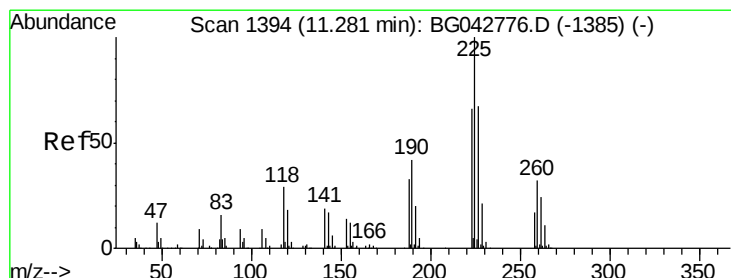
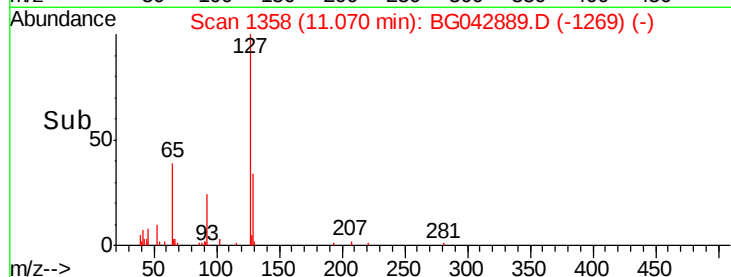
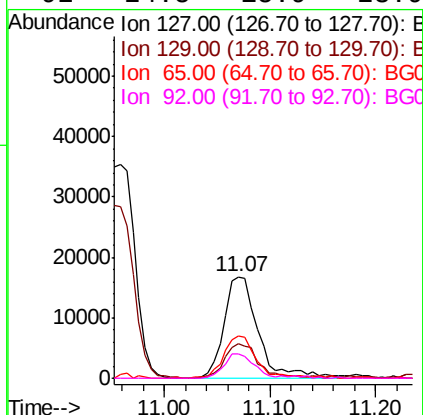
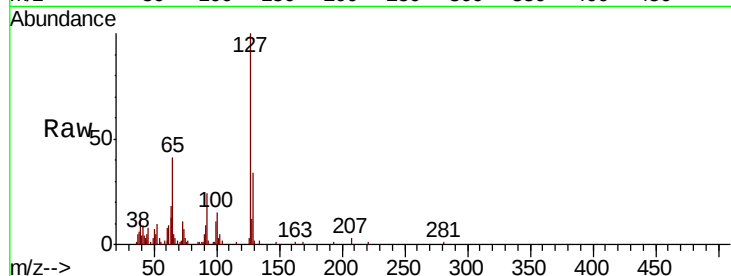




#33
4-Chloroaniline
Concen: 6.690 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

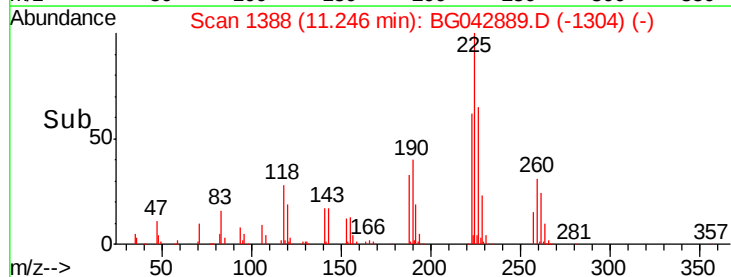
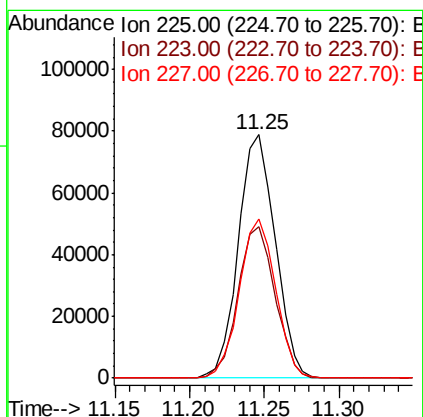
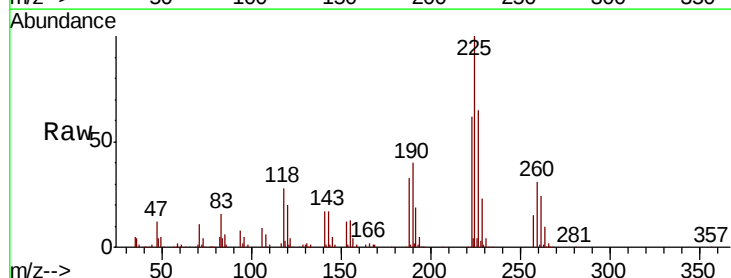
Instrument :
BNA_G
ClientSampleId :

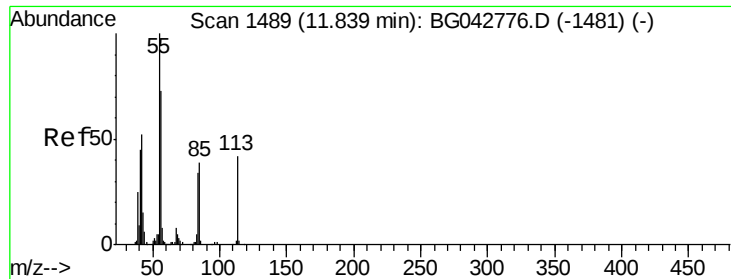
Tot Ion:127 Resp: 37701
Ion Ratio Lower Upper
127 100
129 33.6 25.8 38.6
65 41.2 30.5 45.7
92 24.5 15.9 23.9#



#34
Hexachlorobutadiene
Concen: 39.755 ng
RT: 11.25 min Scan# 1388
Delta R.T. -0.03 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion:225 Resp: 135329
Ion Ratio Lower Upper
225 100
223 62.2 52.6 79.0
227 65.3 53.6 80.4

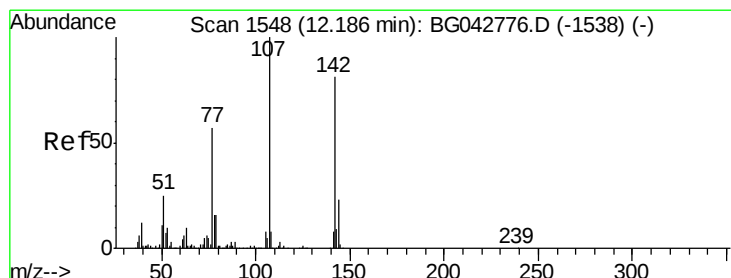
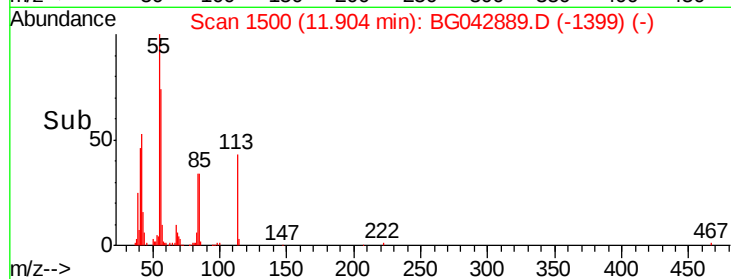
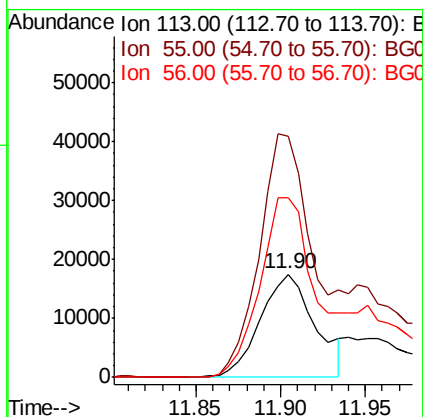
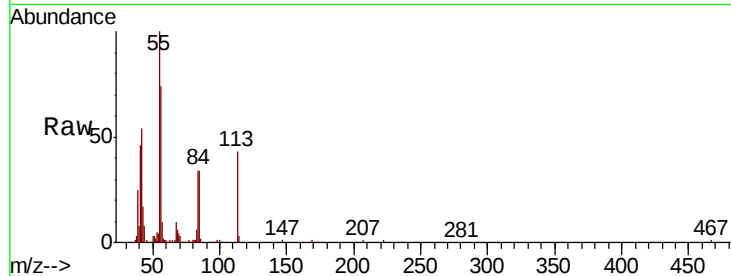




#35
 Caprolactam
 Concen: 26.563 ng
 RT: 11.90 min Scan# 1500
 Delta R.T. 0.07 min
 Lab File: BG042889.D
 Acq: 18 Sep 2019 11:50

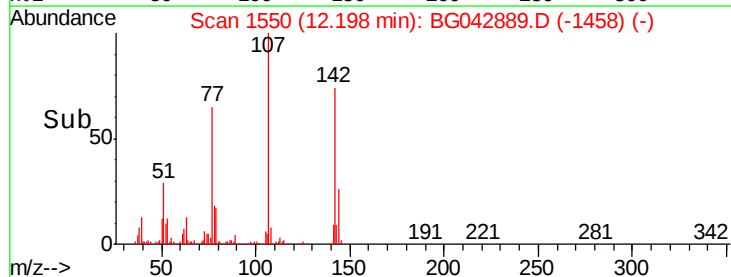
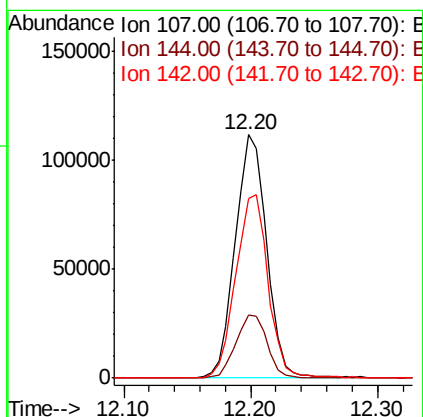
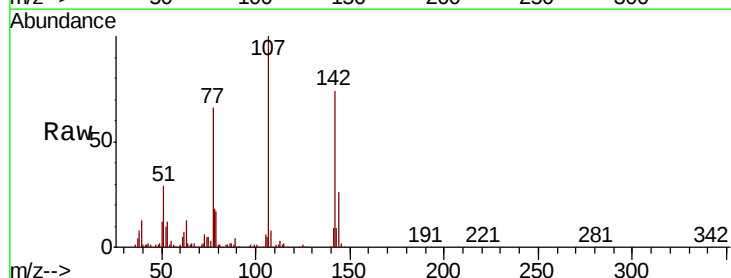
Instrument :
 BNA_G
 ClientSampleId :

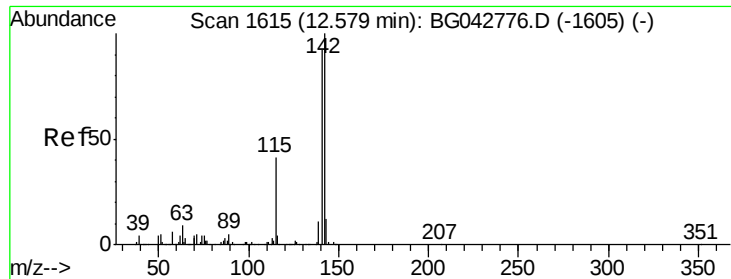
Tot Ion:113 Resp: 39309
 Ion Ratio Lower Upper
 113 100
 55 233.7 218.4 258.4
 56 173.8 154.8 194.8



#36
 4-Chloro-3-methylphenol
 Concen: 44.325 ng
 RT: 12.20 min Scan# 1550
 Delta R.T. 0.01 min
 Lab File: BG042889.D
 Acq: 18 Sep 2019 11:50

Tgt Ion:107 Resp: 191519
 Ion Ratio Lower Upper
 107 100
 144 26.1 18.7 28.1
 142 73.7 65.0 97.4

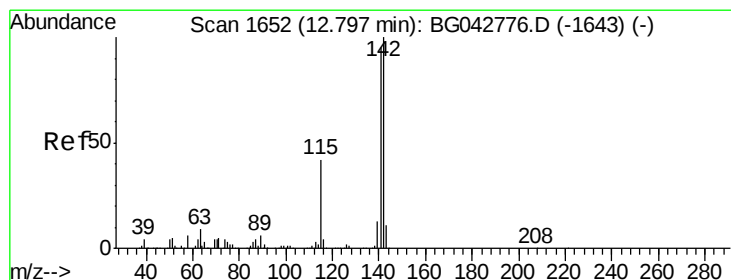
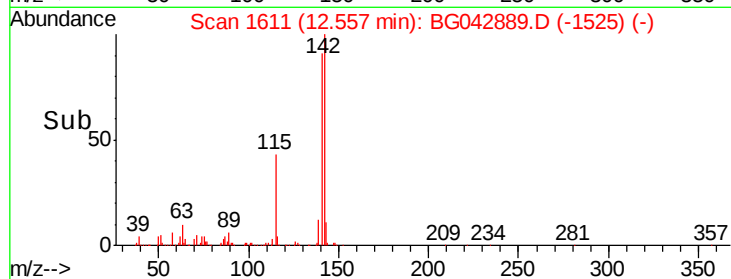
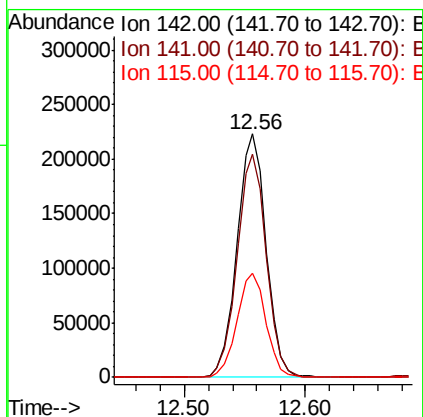
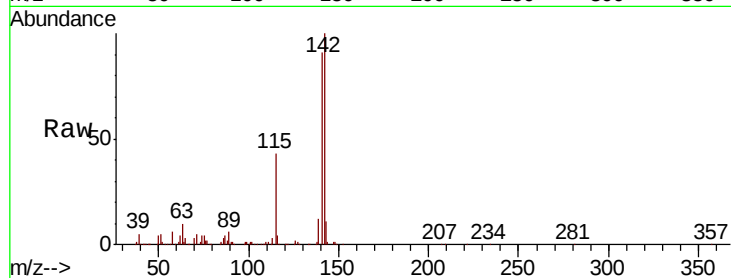




#37
2-Methylnaphthalene
Concen: 41.386 ng
RT: 12.56 min Scan# 1611
Delta R.T. -0.02 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

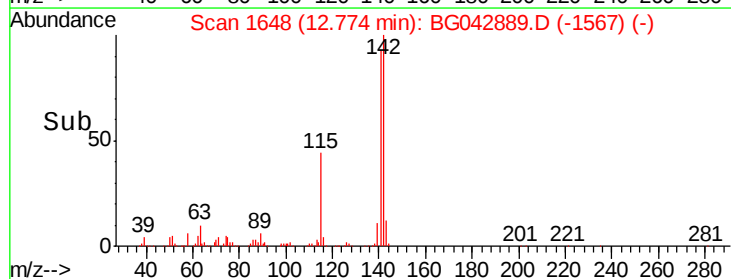
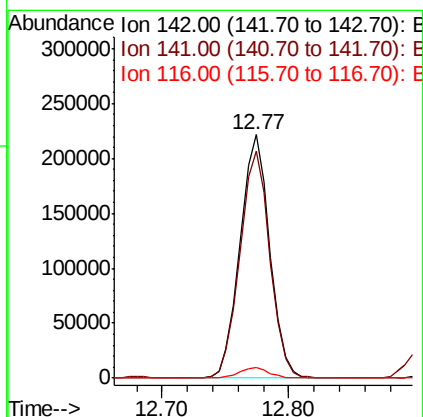
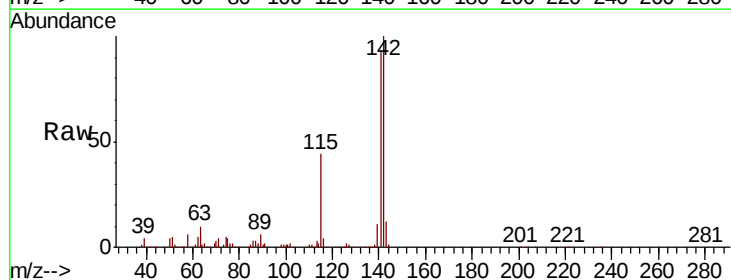
Instrument :
BNA_G
ClientSampleId :

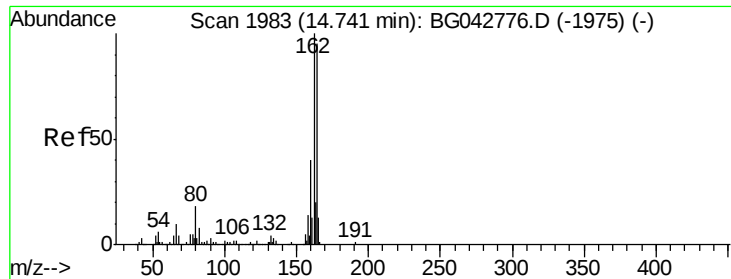
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.8	110.8
115	42.8	33.0	49.4



#38
1-Methylnaphthalene
Concen: 42.319 ng
RT: 12.77 min Scan# 1648
Delta R.T. -0.02 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	76.3	114.5
116	4.3	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

ClientSampleId :

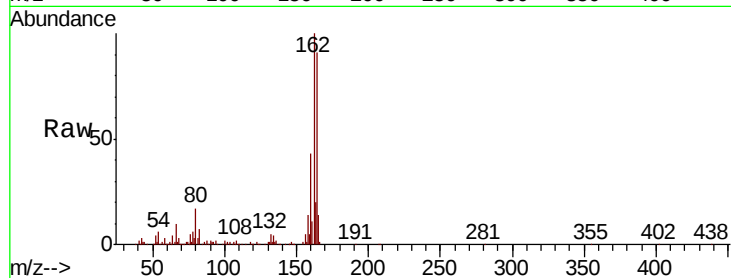
Tot Ion:164 Resp: 191893

Ion Ratio Lower Upper

164 100

162 109.9 84.6 126.8

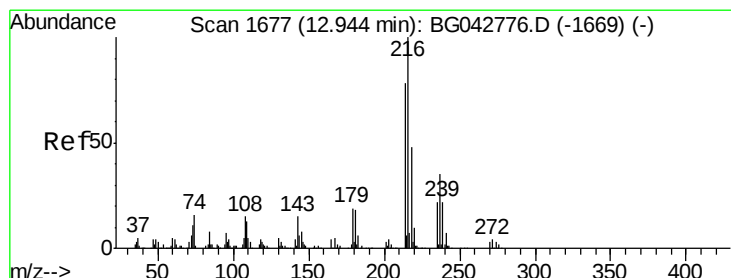
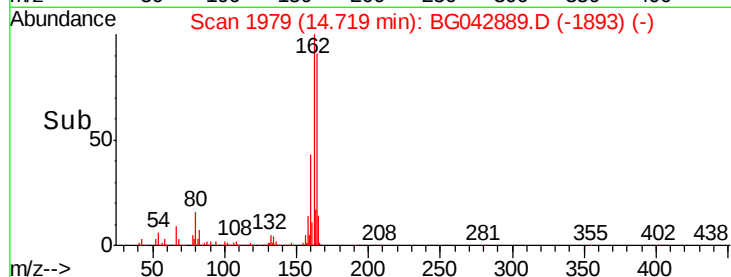
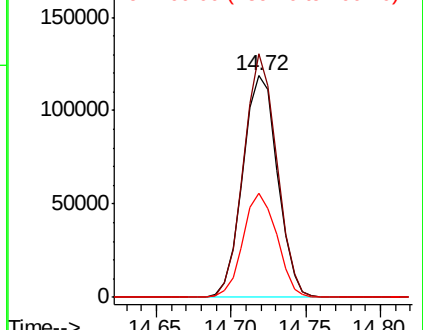
160 47.0 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.080 ng

RT: 12.92 min Scan# 1673

Delta R.T. -0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Tgt Ion:216 Resp: 254149

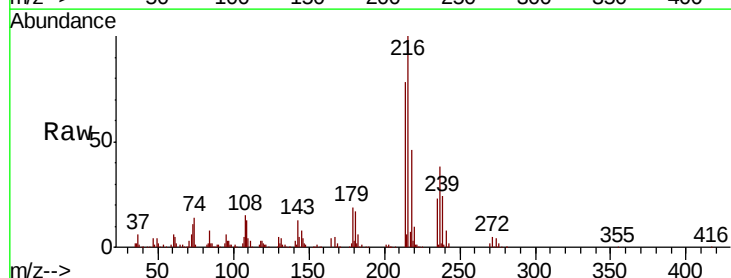
Ion Ratio Lower Upper

216 100

214 78.0 62.8 94.2

179 19.0 15.3 22.9

108 18.7 12.9 19.3

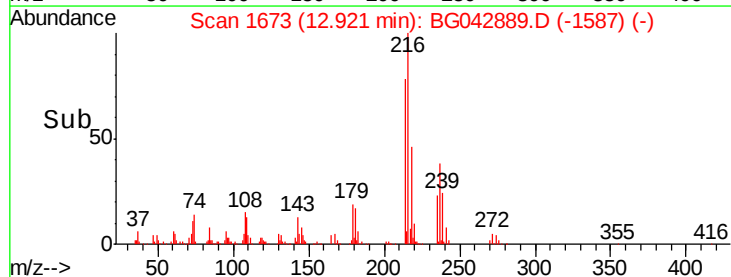
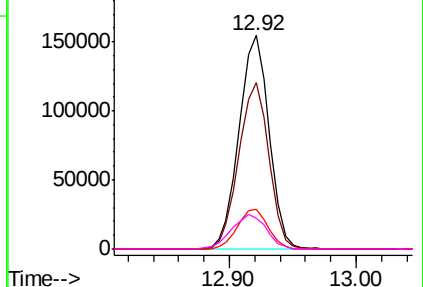


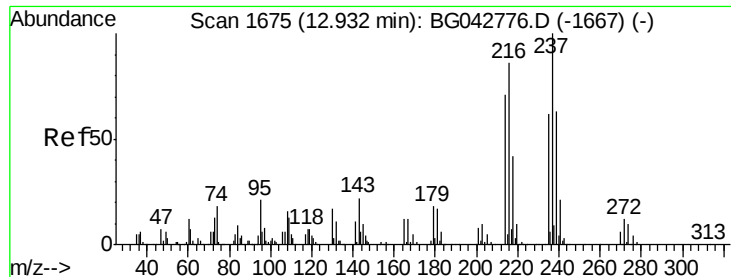
Abundance Ion 216.00 (215.70 to 216.70): E

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: 98.436 ng

RT: 12.90 min Scan# 1670

Delta R.T. -0.03 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

ClientSampleId :

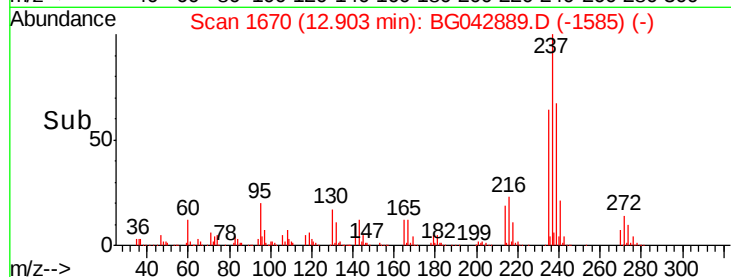
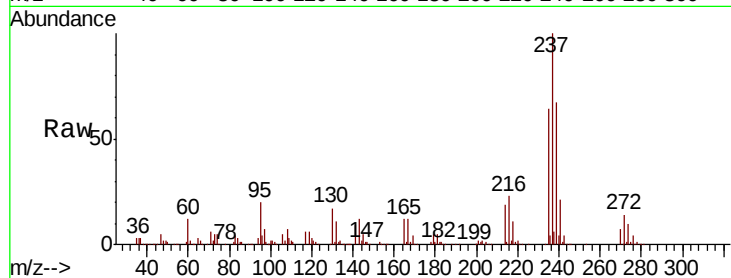
Tot Ion:237 Resp: 357577

Ion Ratio Lower Upper

237 100

235 64.1 41.9 81.9

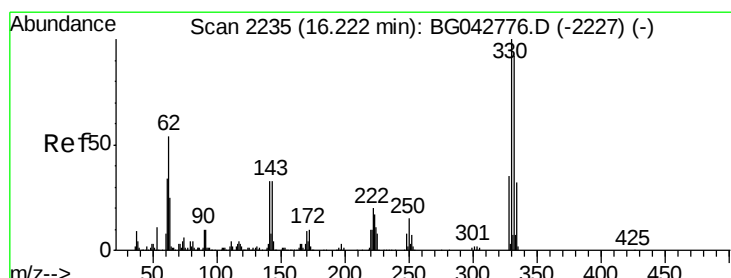
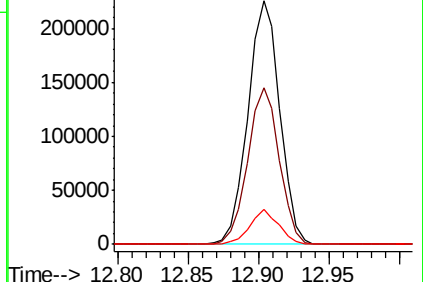
272 14.2 0.0 31.6



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: 117.860 ng

RT: 16.21 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

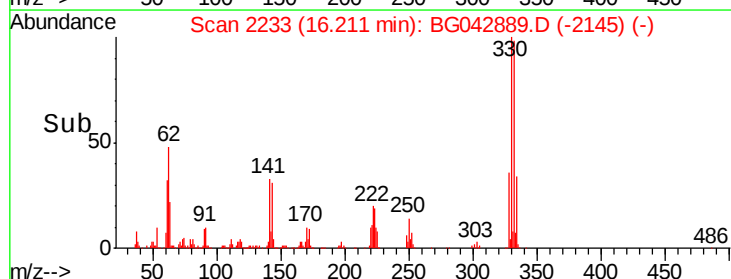
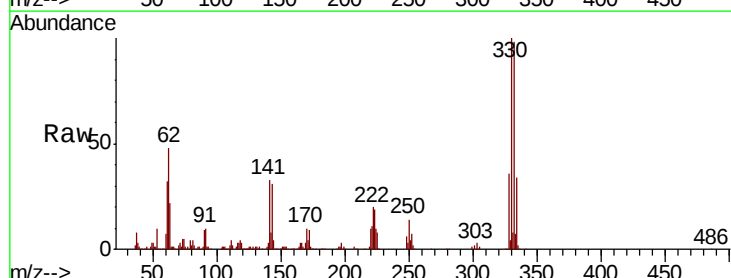
Tgt Ion:330 Resp: 300896

Ion Ratio Lower Upper

330 100

332 97.6 76.7 115.1

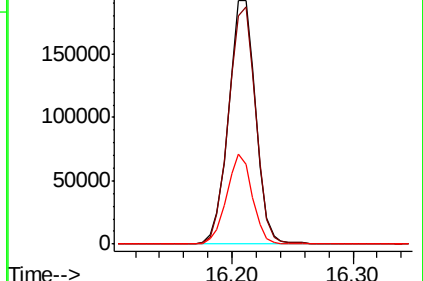
141 35.0 27.0 40.6

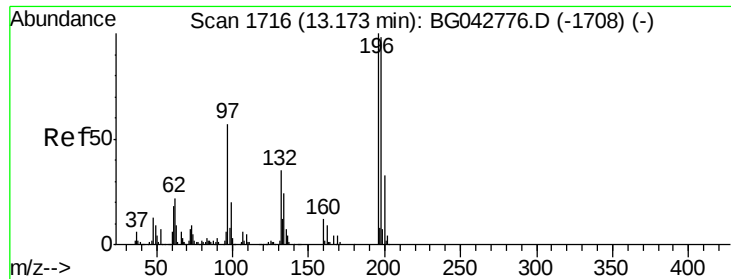


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

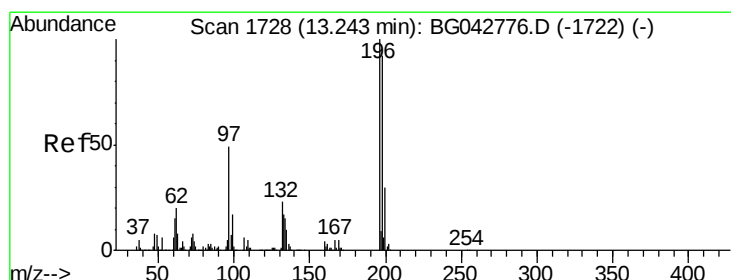
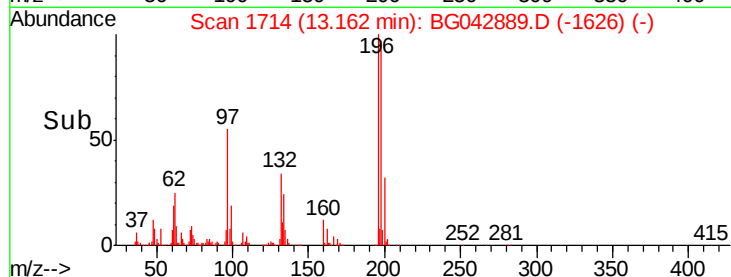
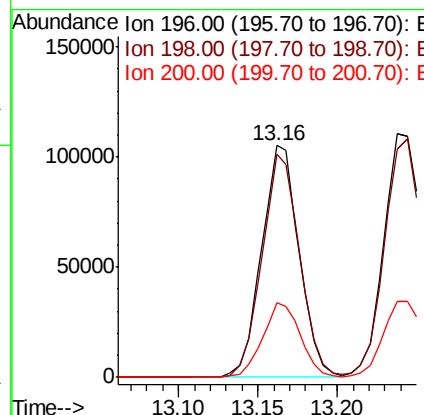
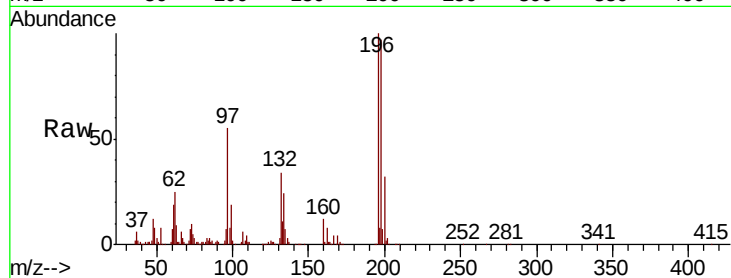




#43
 2,4,6-Trichlorophenol
 Concen: 40.992 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG042889.D
 Acq: 18 Sep 2019 11:50

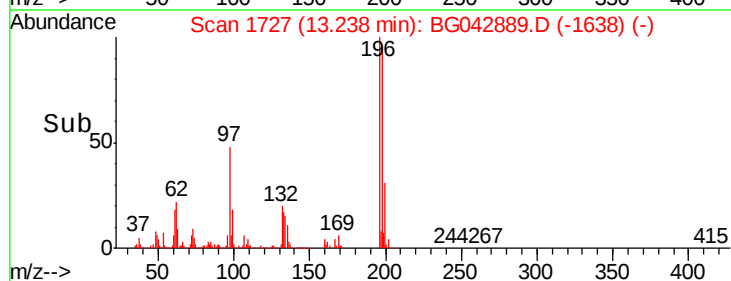
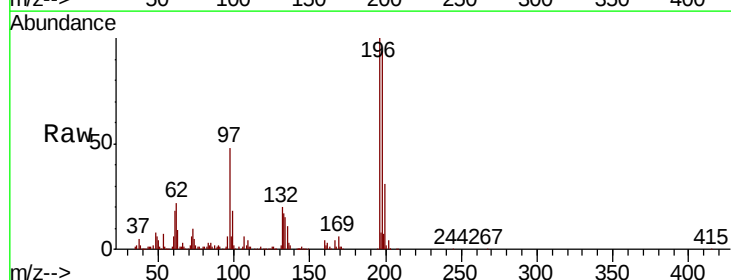
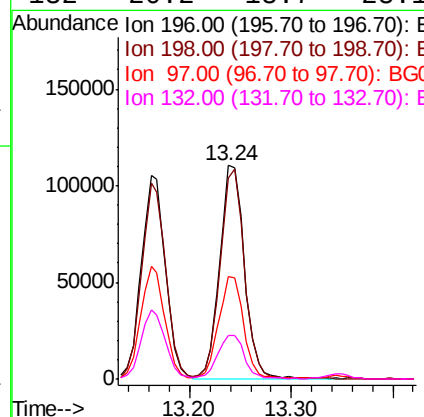
Instrument :
 BNA_G
 ClientSampled :

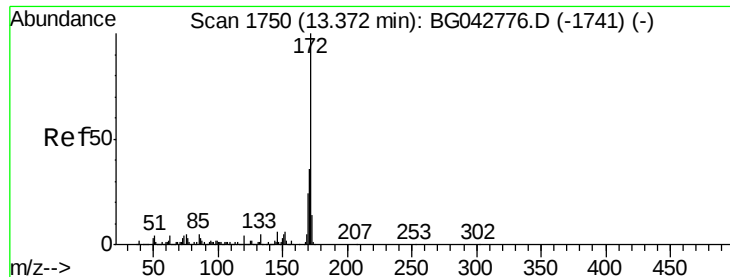
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.5	78.8	118.2
200	32.3	26.2	39.4



#44
 2,4,5-Trichlorophenol
 Concen: 43.251 ng
 RT: 13.24 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG042889.D
 Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	73.4	110.0
97	48.0	39.2	58.8
132	20.2	18.7	28.1

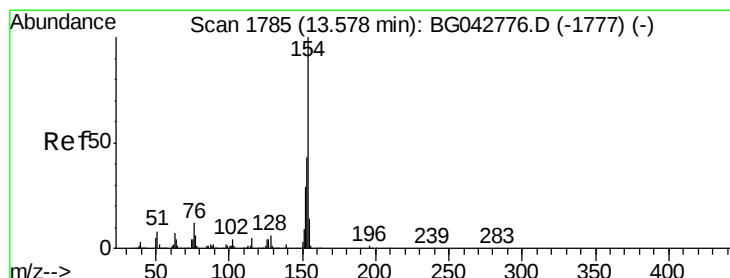
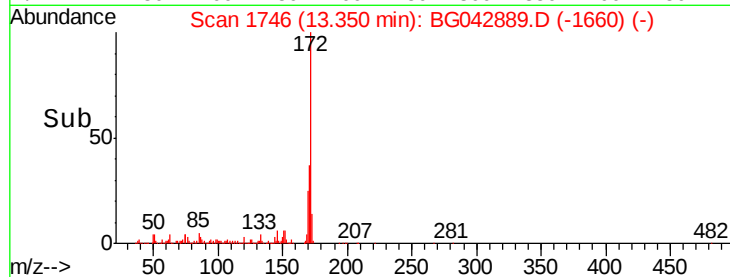
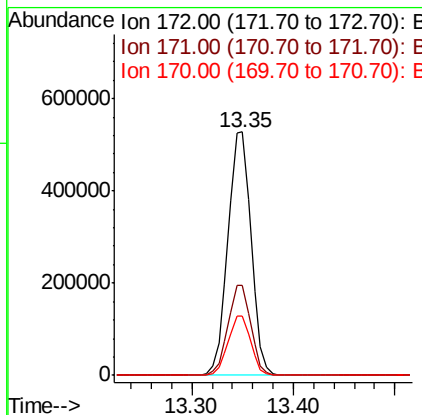
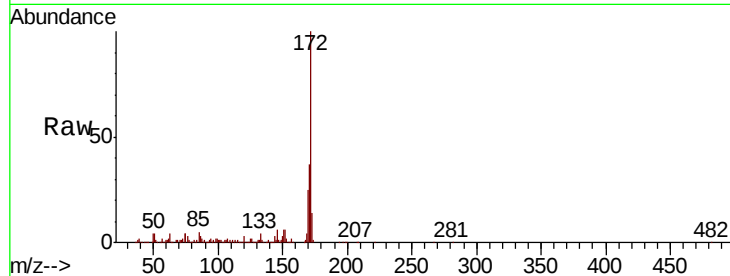




#45
2-Fluorobiphenyl
Concen: 69.256 ng
RT: 13.35 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

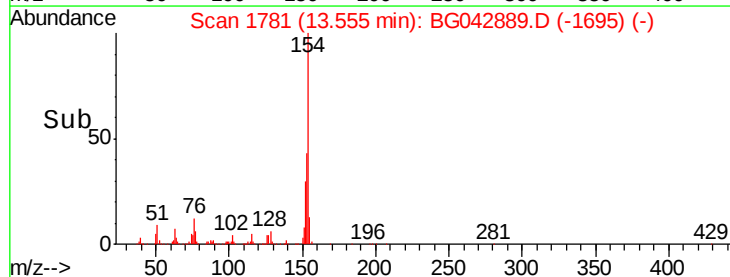
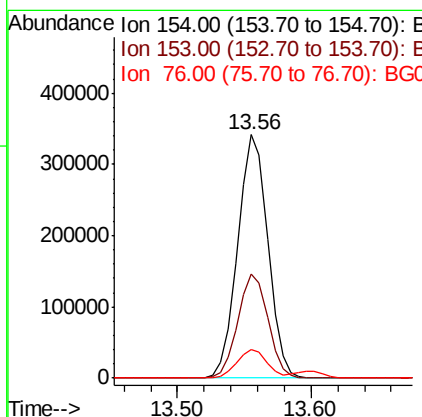
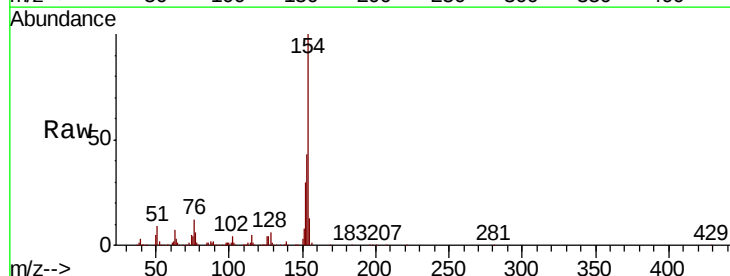
Instrument :
BNA_G
ClientSampleId :

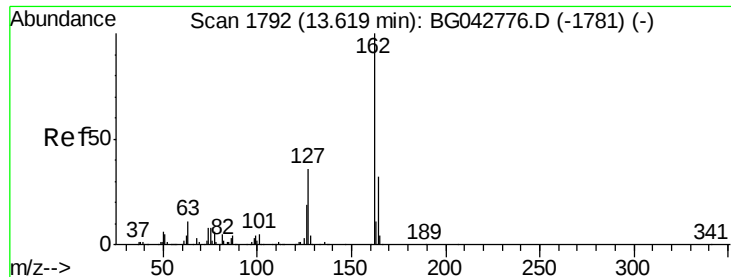
Tot Ion:172 Resp: 839567
Ion Ratio Lower Upper
172 100
171 36.9 28.9 43.3
170 24.5 19.1 28.7



#46
1,1'-Biphenyl
Concen: 39.693 ng
RT: 13.56 min Scan# 1781
Delta R.T. -0.02 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion:154 Resp: 533219
Ion Ratio Lower Upper
154 100
153 42.9 22.6 62.6
76 11.9 0.0 32.2

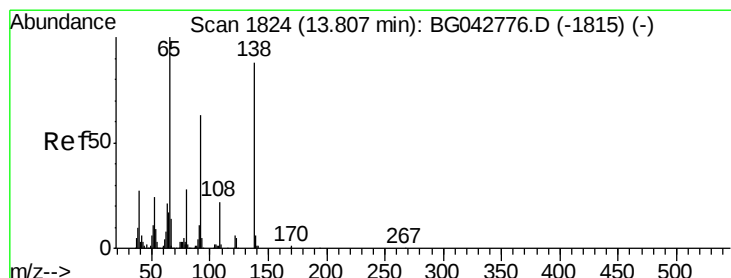
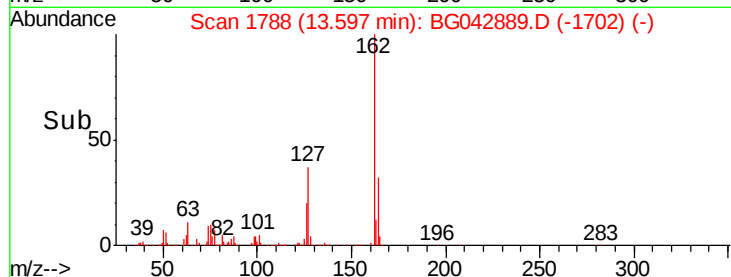
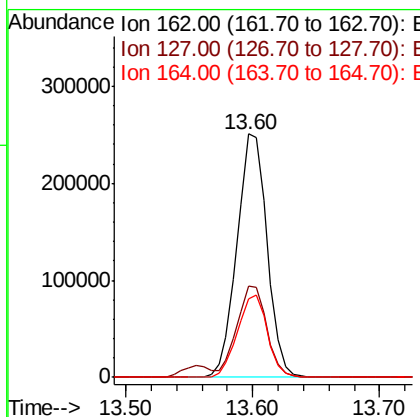
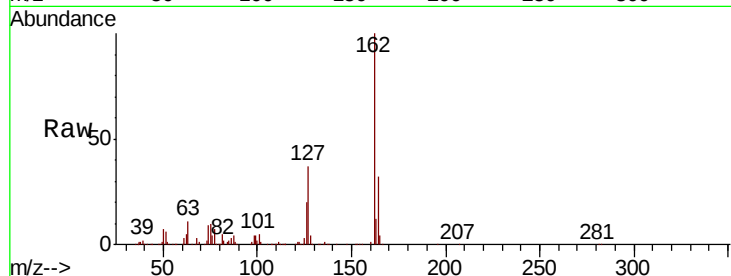




#47
2-Chloronaphthalene
Concen: 37.196 ng
RT: 13.60 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

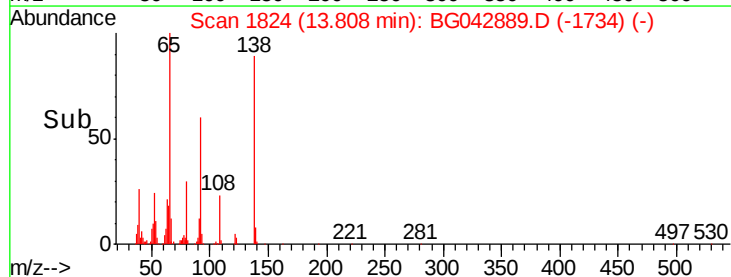
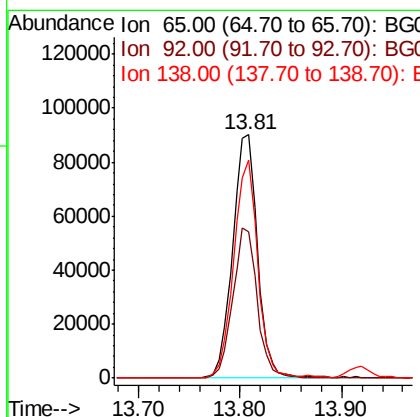
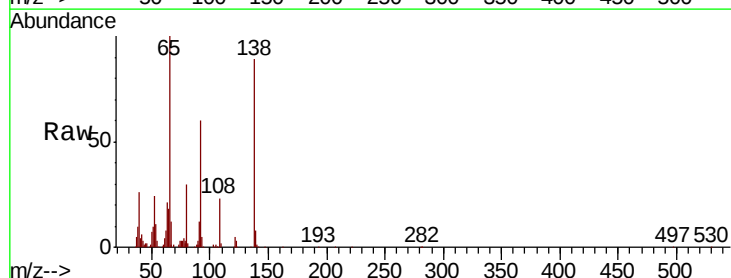
Instrument :
BNA_G
ClientSampleId :

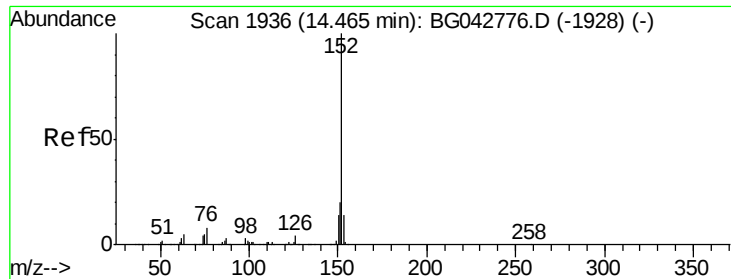
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	29.3	43.9
164	32.3	26.0	39.0



#48
2-Nitroaniline
Concen: 40.011 ng
RT: 13.81 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.9	50.4	75.6
138	89.3	70.6	106.0





#49

Acenaphthylene

Concen: 39.726 ng

RT: 14.44 min Scan# 1932

Delta R.T. -0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

ClientSampleId :

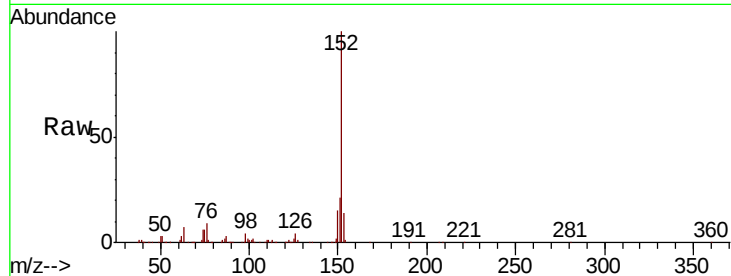
Tot Ion:152 Resp: 674625

Ion Ratio Lower Upper

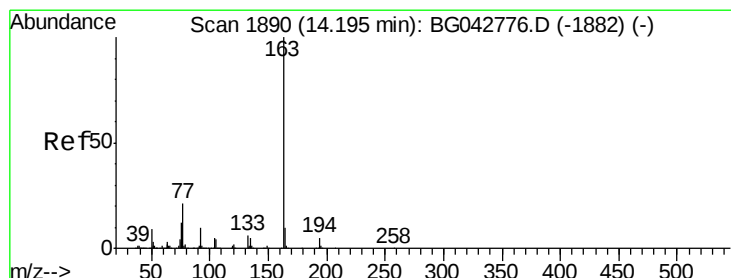
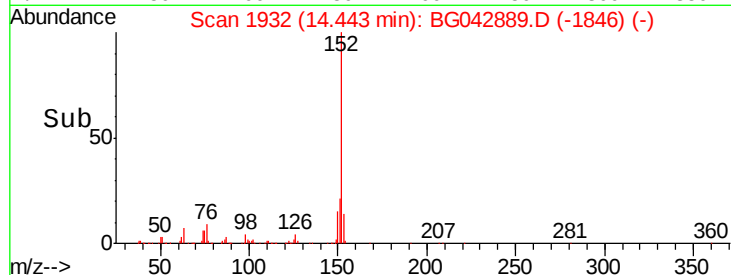
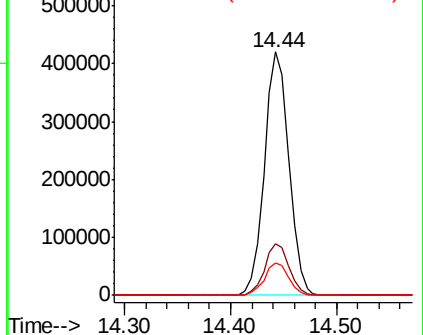
152 100

151 21.4 16.0 24.0

153 13.5 11.4 17.0



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



#50

Dimethylphthalate

Concen: 46.812 ng

RT: 14.18 min Scan# 1888

Delta R.T. -0.01 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

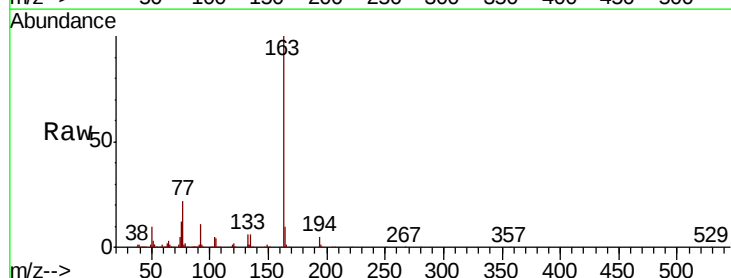
Tgt Ion:163 Resp: 672927

Ion Ratio Lower Upper

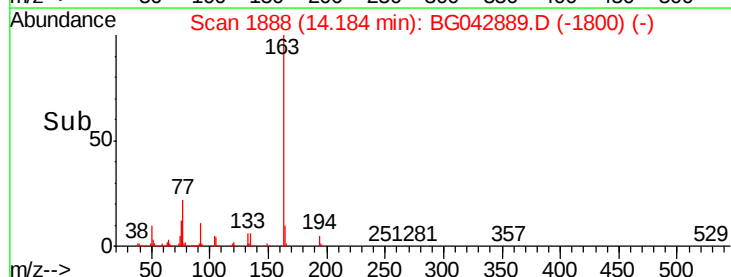
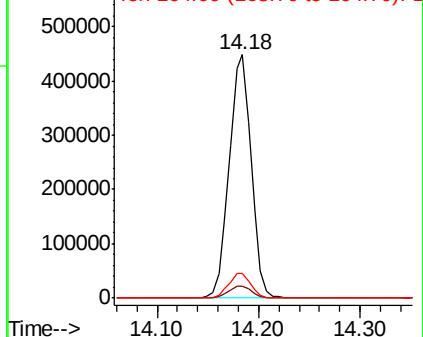
163 100

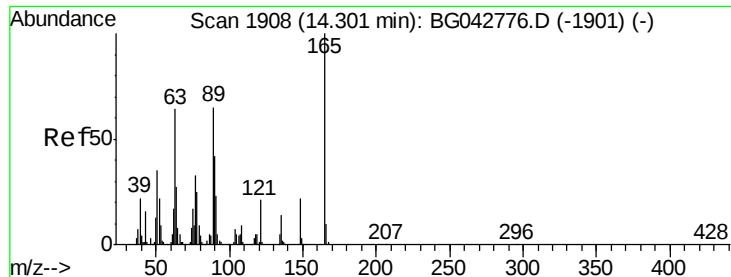
194 5.0 4.2 6.4

164 10.0 8.4 12.6



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: 43.805 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

ClientSampleId :

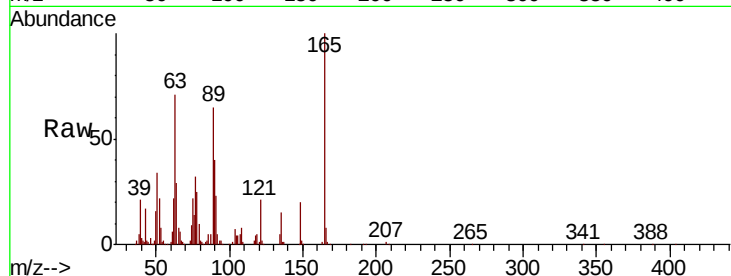
Tot Ion:165 Resp: 129210

Ion Ratio Lower Upper

165 100

63 70.5 52.1 78.1

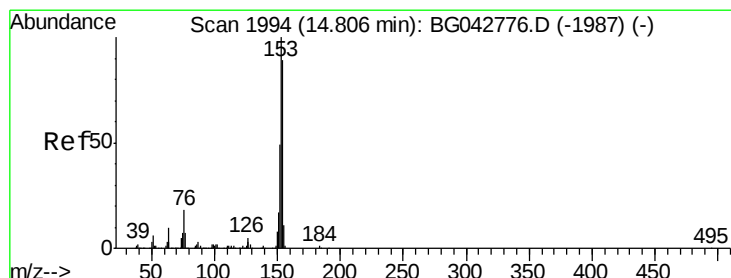
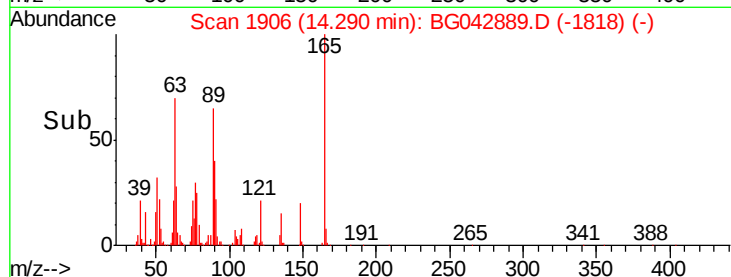
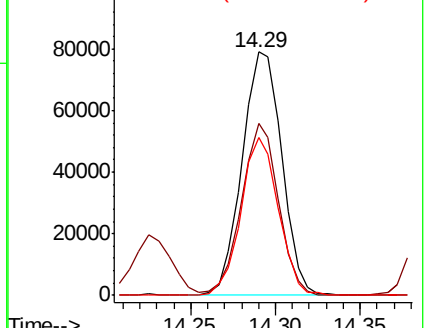
89 64.7 51.7 77.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 36.569 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

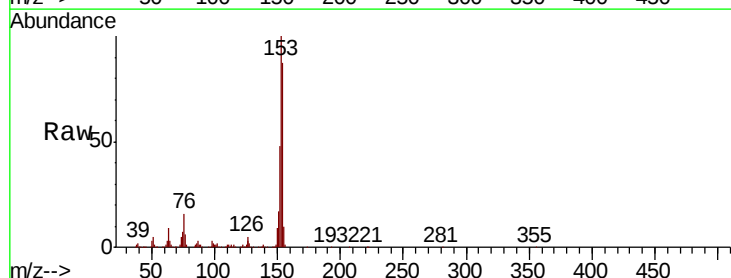
Tgt Ion:154 Resp: 405714

Ion Ratio Lower Upper

154 100

153 115.4 89.4 134.2

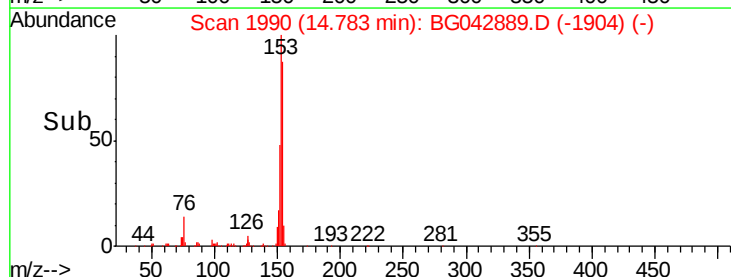
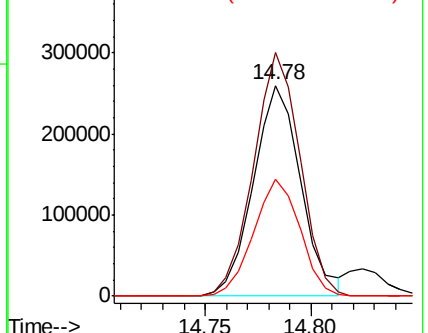
152 55.6 43.5 65.3

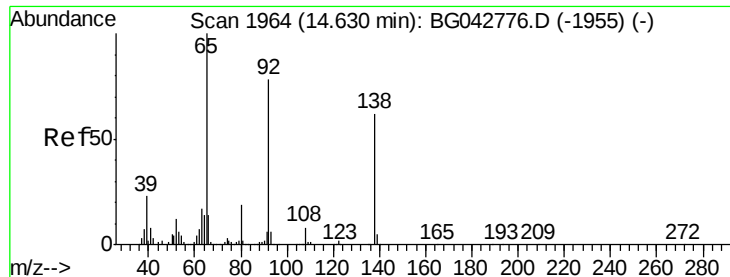


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

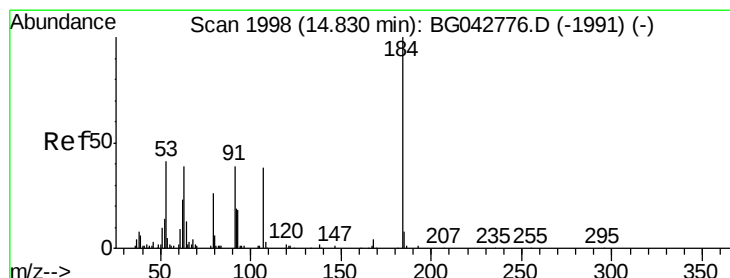
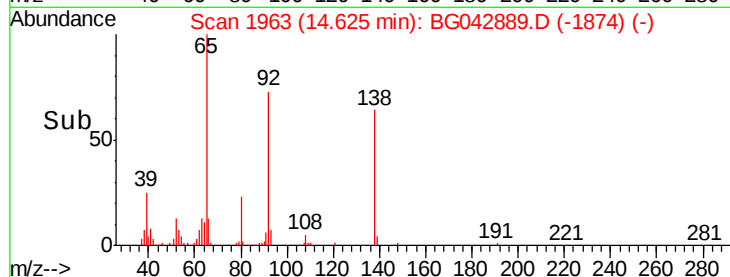
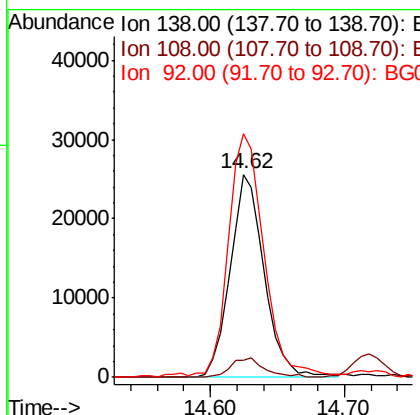
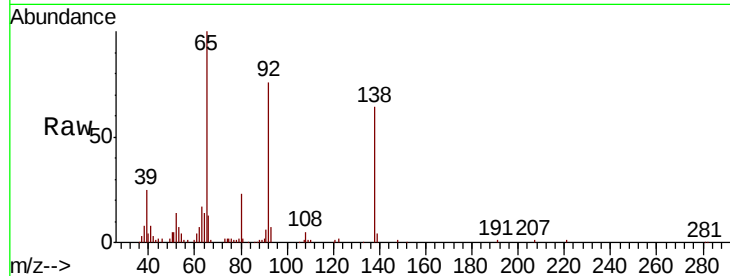




#53
3-Nitroaniline
Concen: 13.683 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

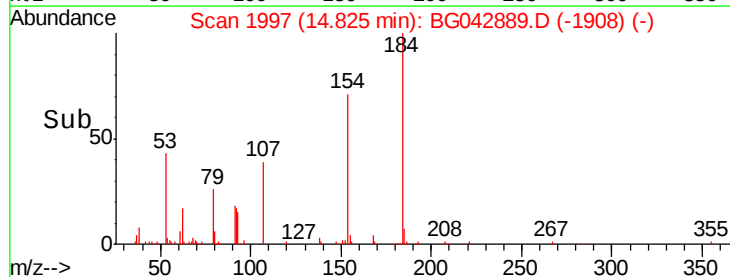
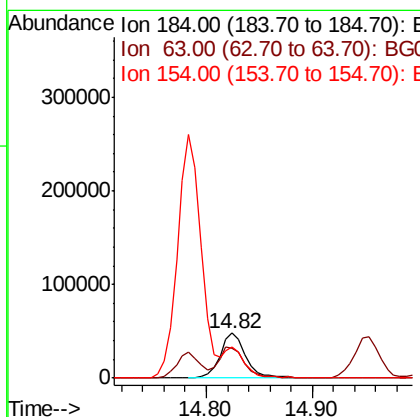
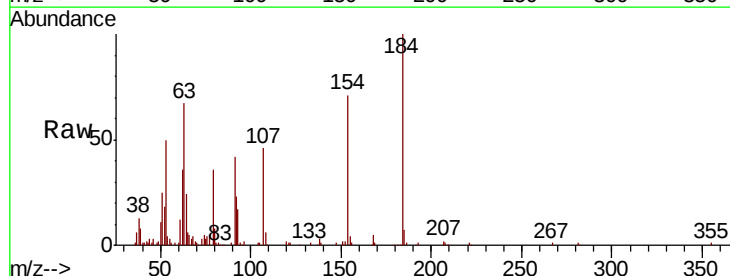
Instrument :
BNA_G
ClientSampleId :

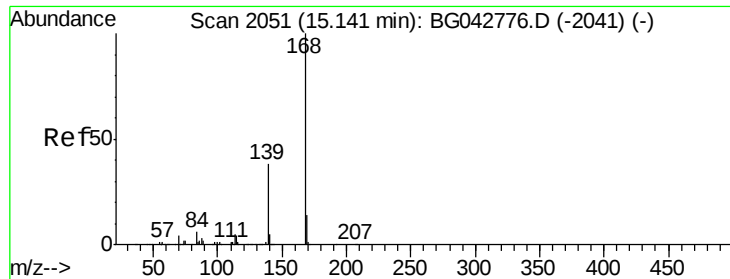
Tot Ion:138 Resp: 45296
Ion Ratio Lower Upper
138 100
108 8.4 10.7 16.1#
92 119.9 100.5 150.7



#54
2,4-Dinitrophenol
Concen: 56.752 ng
RT: 14.82 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion:184 Resp: 82408
Ion Ratio Lower Upper
184 100
63 66.6 46.2 69.4
154 70.5 81.3 121.9#

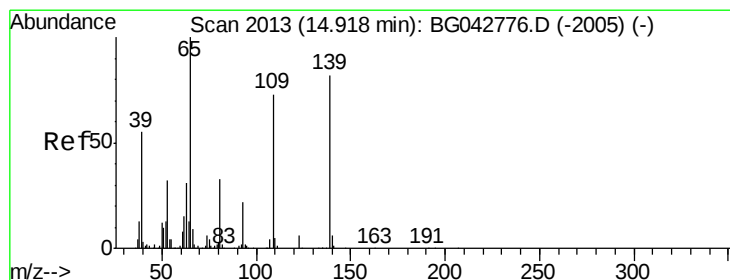
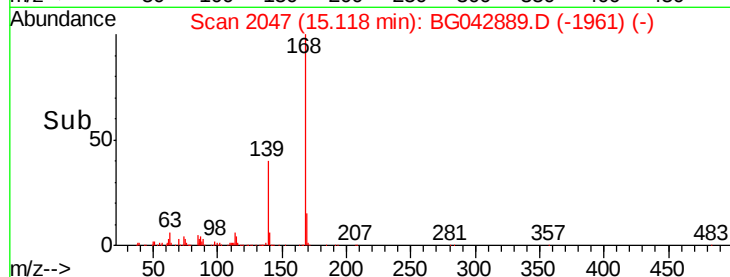
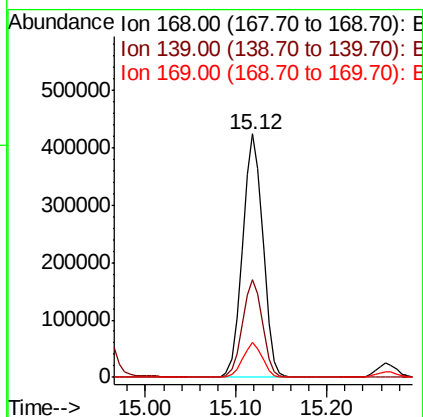
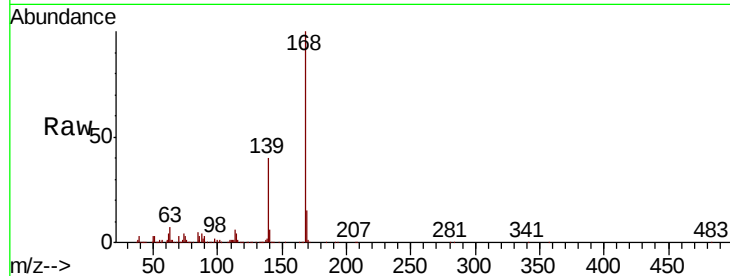




#55
Dibenzenofuran
Concen: 40.030 ng
RT: 15.12 min Scan# 2047
Delta R.T. -0.02 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

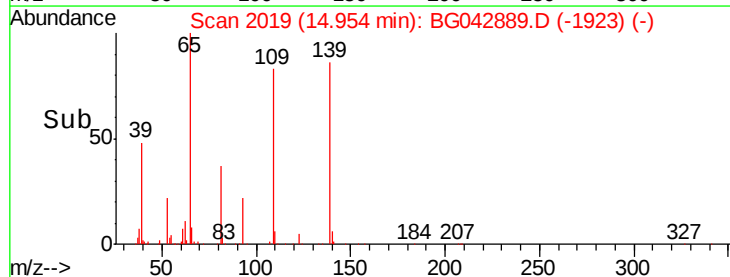
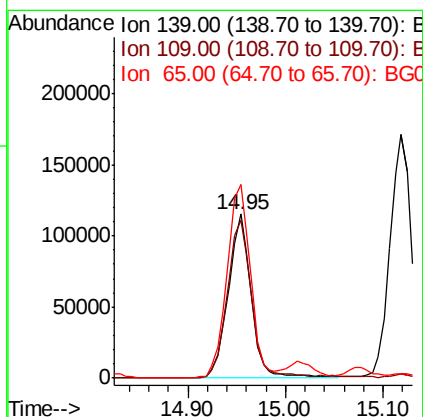
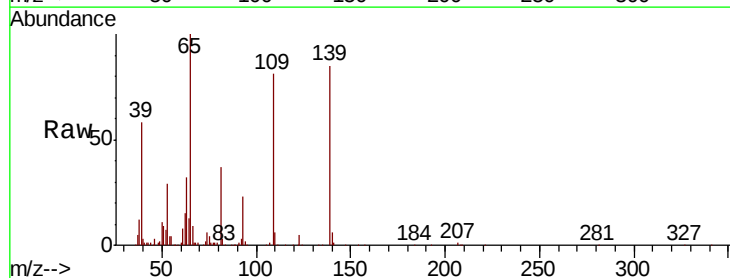
Instrument :
BNA_G
ClientSampleId :

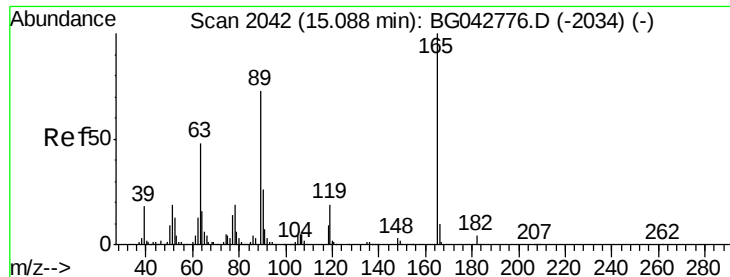
Tot Ion:168 Resp: 660116
Ion Ratio Lower Upper
168 100
139 40.3 30.2 45.4
169 14.6 11.2 16.8



#56
4-Nitrophenol
Concen: 73.657 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.04 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion:139 Resp: 188532
Ion Ratio Lower Upper
139 100
109 96.3 69.4 109.4
65 118.2 102.5 142.5

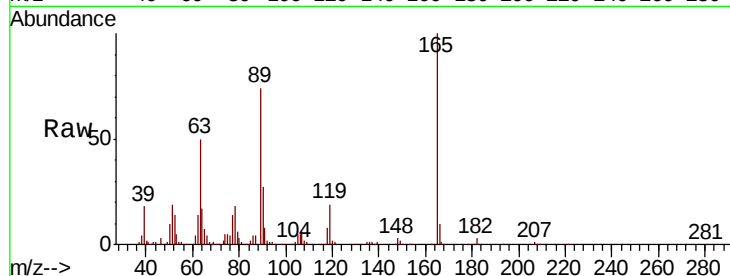




#57
 2,4-Dinitrotoluene
 Concen: 45.135 ng
 RT: 15.08 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BG042889.D
 Acq: 18 Sep 2019 11:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.2	38.3	57.5
89	73.7	58.4	87.6
182	3.0	2.9	4.3



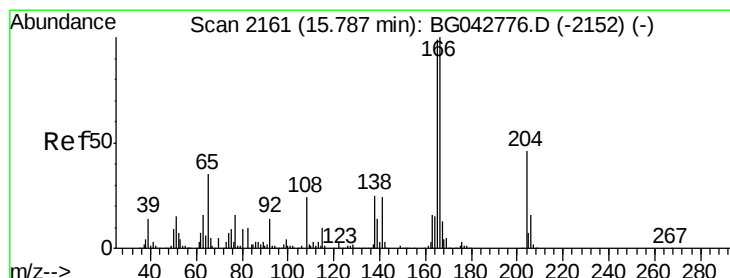
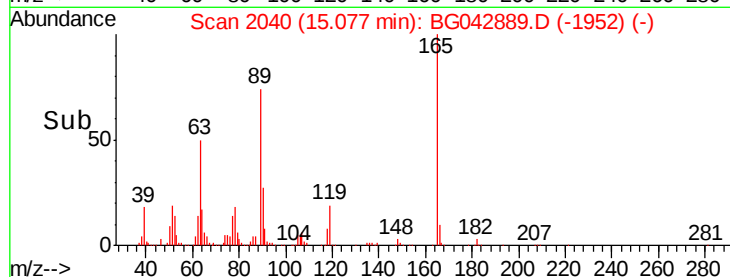
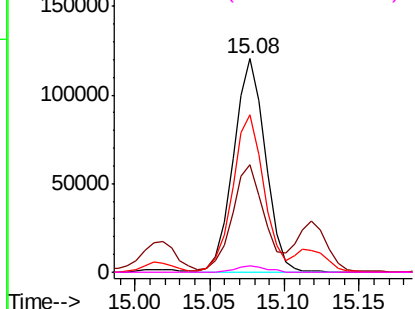
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

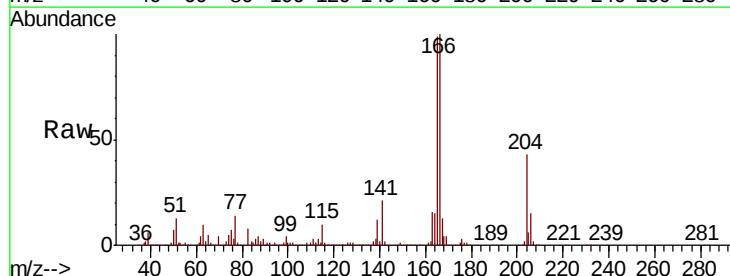
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 40.829 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG042889.D
 Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.1	118.7
167	13.2	10.7	16.1

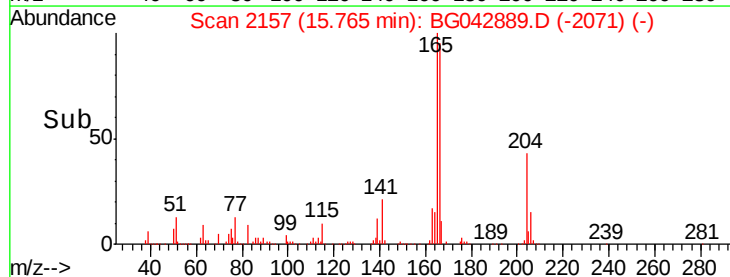
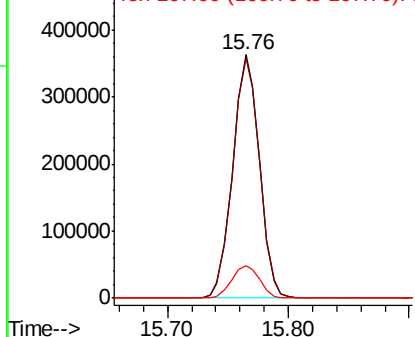


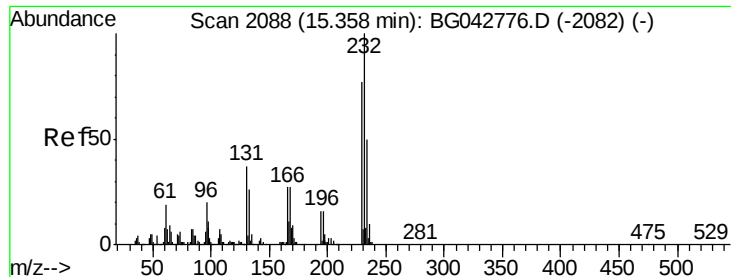
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

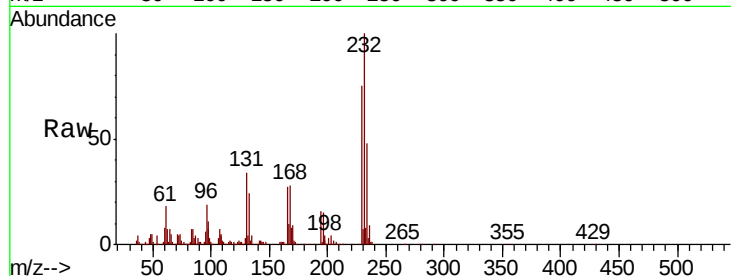




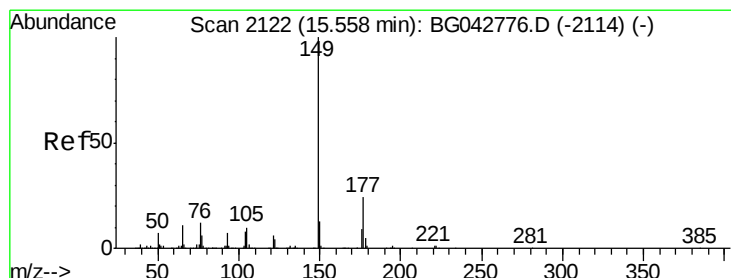
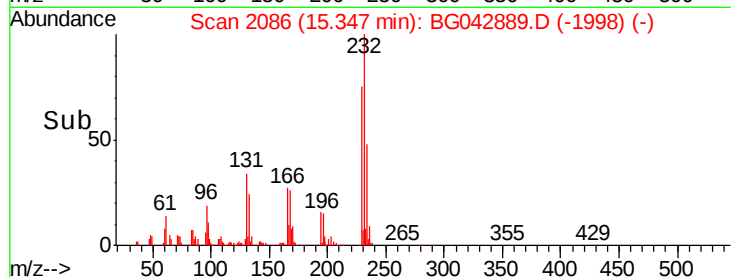
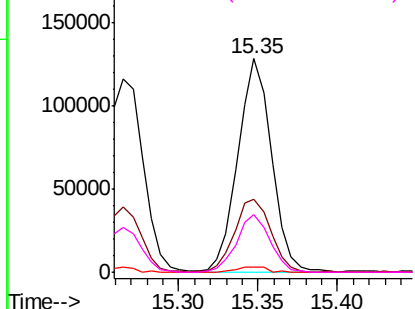
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.053 ng
 RT: 15.35 min Scan# 2086
 Delta R.T. -0.01 min
 Lab File: BG042889.D
 Acq: 18 Sep 2019 11:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	188851
Ion Ratio	Lower	Upper
232	100	
131	36.8	31.1 46.7
130	2.4	1.8 2.6
166	27.0	21.7 32.5

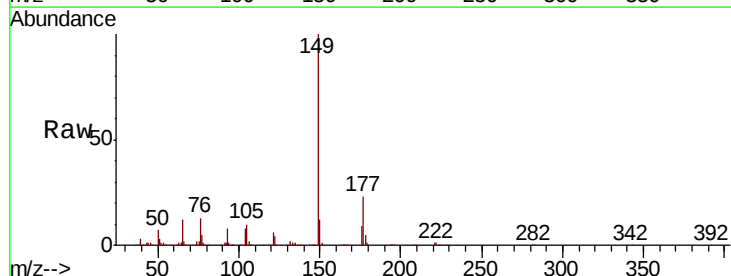


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

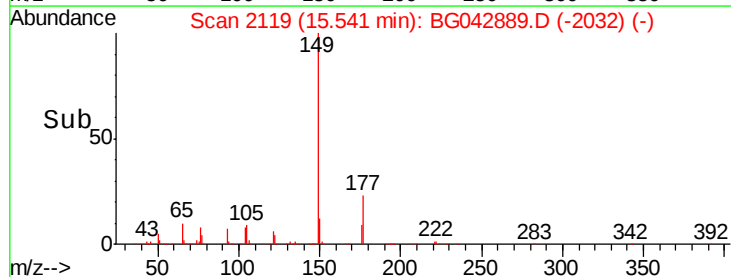
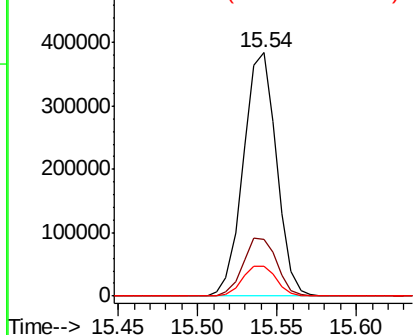


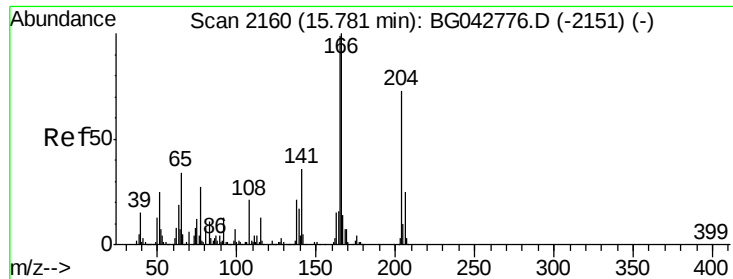
#60
 Diethylphthalate
 Concen: 38.191 ng
 RT: 15.54 min Scan# 2119
 Delta R.T. -0.02 min
 Lab File: BG042889.D
 Acq: 18 Sep 2019 11:50

Tgt Ion:149	Resp:	557276
Ion Ratio	Lower	Upper
149	100	
177	23.2	19.4 29.0
150	12.2	10.2 15.4



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





#61

4-Chlorophenyl-phenylether

Concen: 40.746 ng

RT: 15.75 min Scan# 2155

Delta R.T. -0.03 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

ClientSampleId :

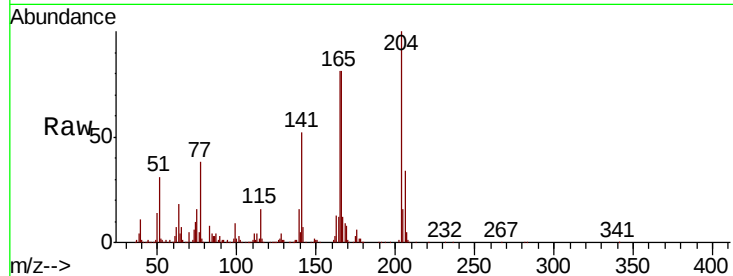
Tot Ion:204 Resp: 329254

Ion Ratio Lower Upper

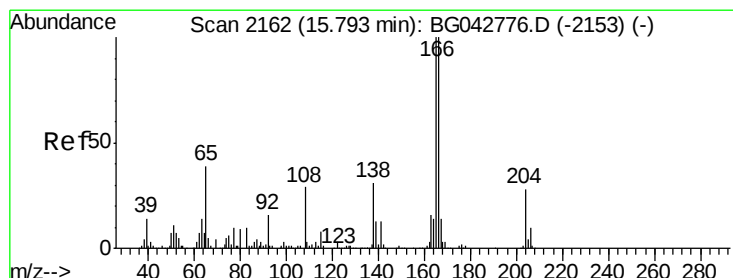
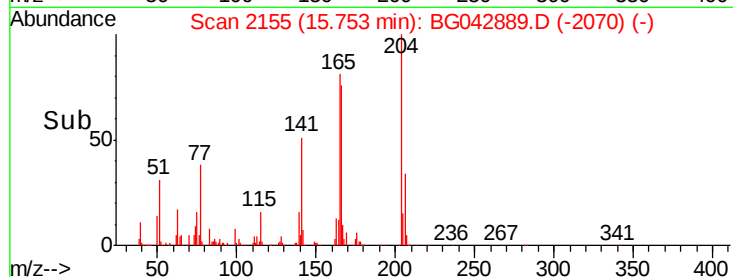
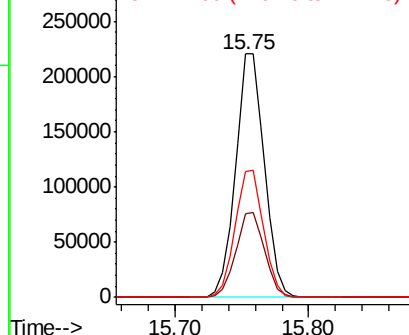
204 100

206 34.3 27.6 41.4

141 51.5 39.8 59.6



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: 36.698 ng

RT: 15.79 min Scan# 2162

Delta R.T. 0.00 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

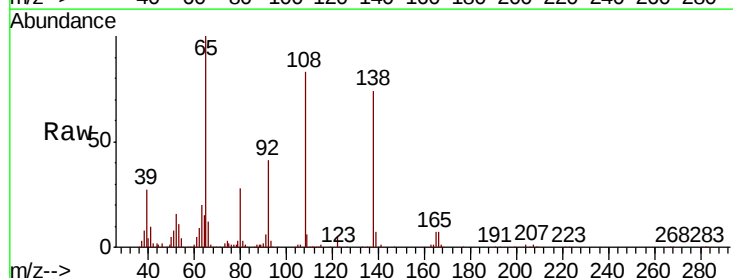
Tgt Ion:138 Resp: 130952

Ion Ratio Lower Upper

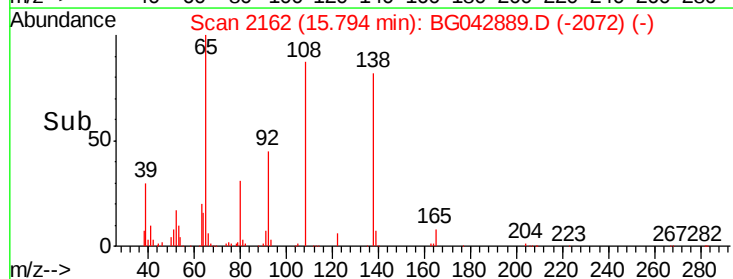
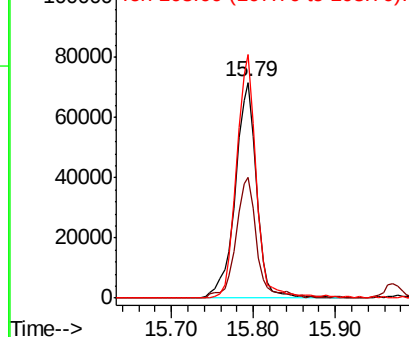
138 100

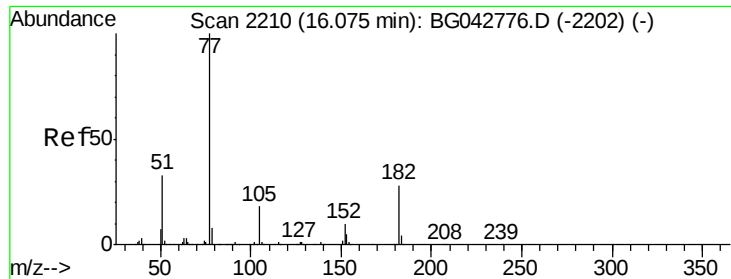
92 55.7 31.4 71.4

108 112.7 74.8 114.8



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

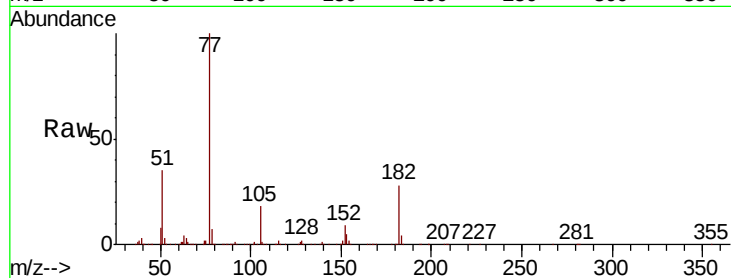




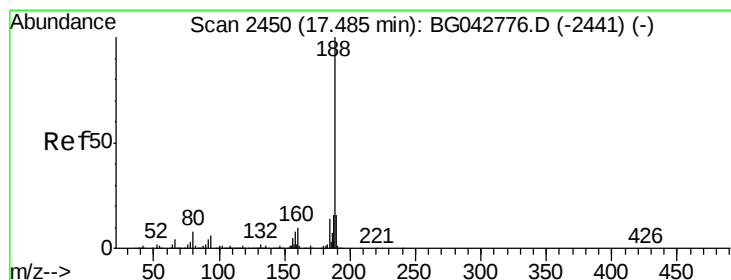
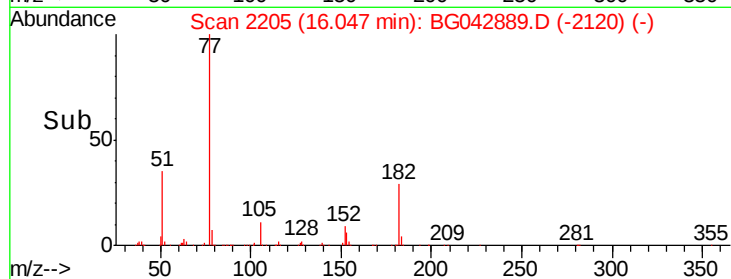
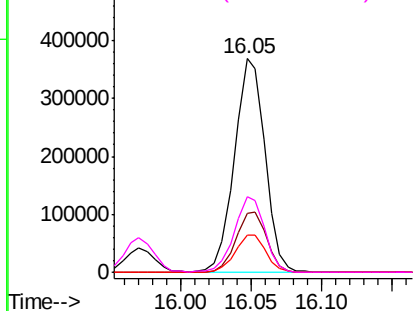
#63
Azobenzene
Concen: 39.349 ng
RT: 16.05 min Scan# 2205
Delta R.T. -0.03 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	552917
Ion	Ratio	Lower	Upper
77	100		
182	27.7	8.1	48.1
105	17.5	0.0	38.1
51	35.4	12.9	52.9

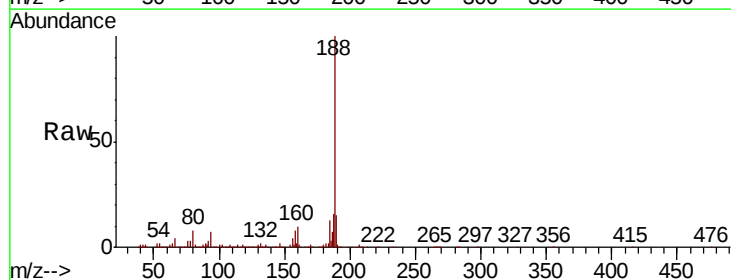


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

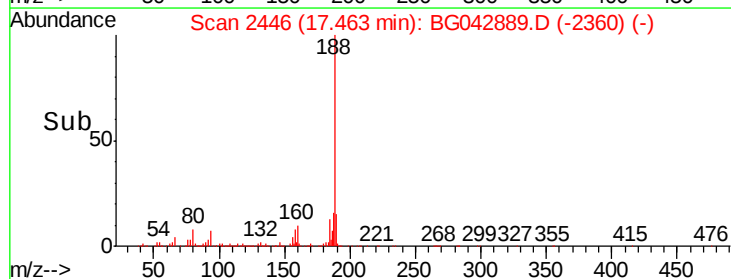
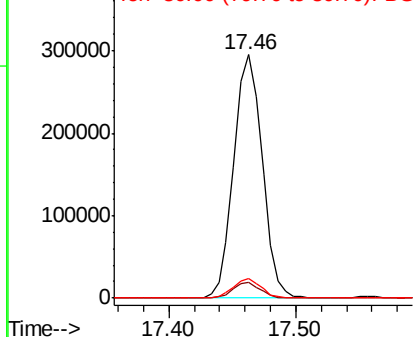


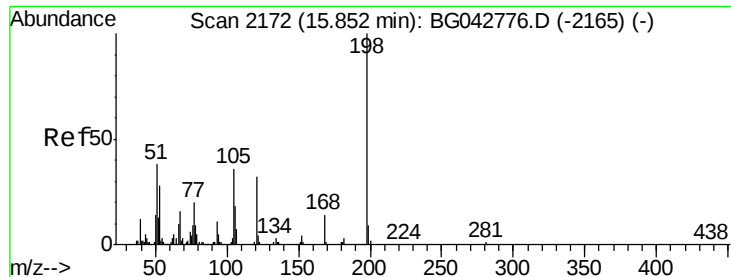
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.02 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion:	188	Resp:	458791
Ion	Ratio	Lower	Upper
188	100		
94	6.5	4.8	7.2
80	8.1	6.6	9.8



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

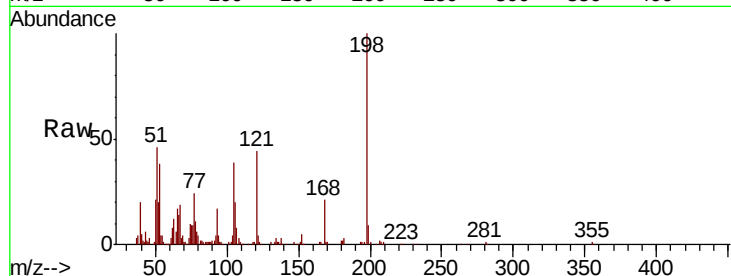




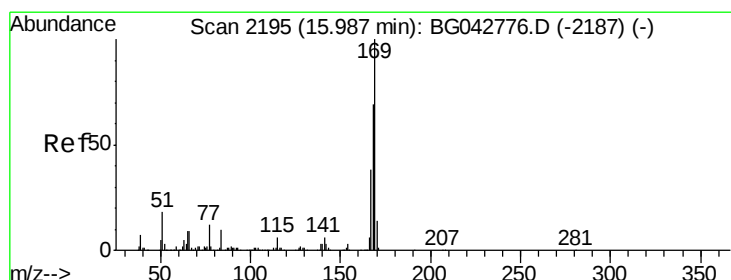
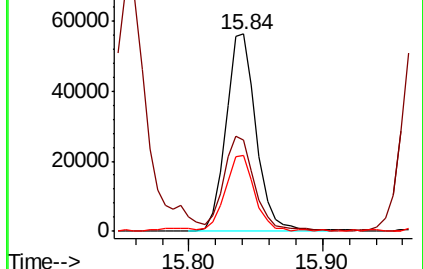
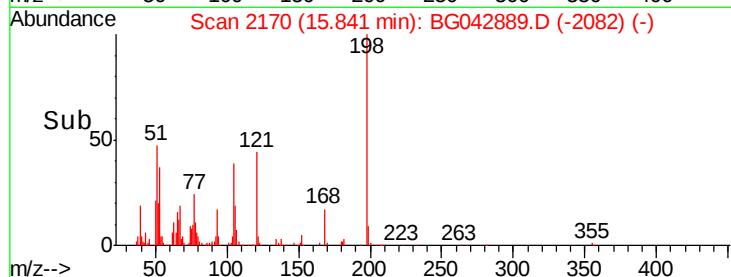
#65
4,6-Dinitro-2-methylphenol
Concen: 45.356 ng
RT: 15.84 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Instrument :
BNA_G
ClientSampled :

Tot Ion:198 Resp: 89038
Ion Ratio Lower Upper
198 100
51 46.4 20.9 60.9
105 38.8 16.4 56.4

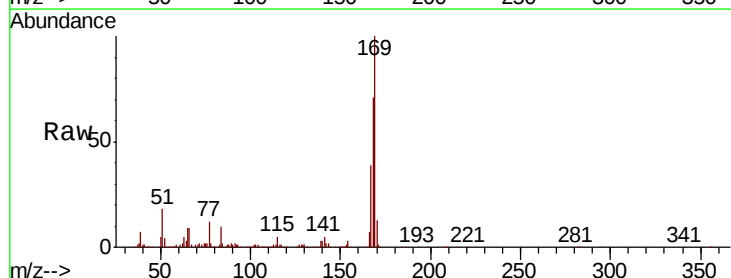


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

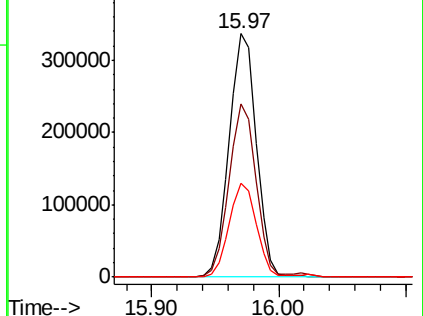
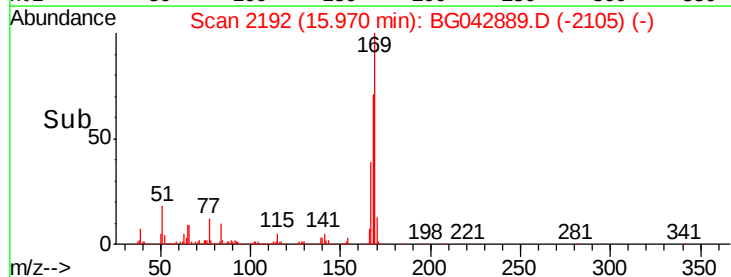


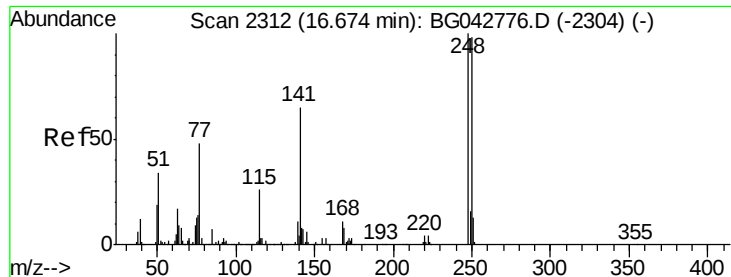
#66
n-Nitrosodiphenylamine
Concen: 40.415 ng
RT: 15.97 min Scan# 2192
Delta R.T. -0.02 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion:169 Resp: 498954
Ion Ratio Lower Upper
169 100
168 71.3 55.4 83.2
167 38.7 30.4 45.6



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: 40.395 ng

RT: 16.65 min Scan# 2308

Delta R.T. -0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

ClientSampled :

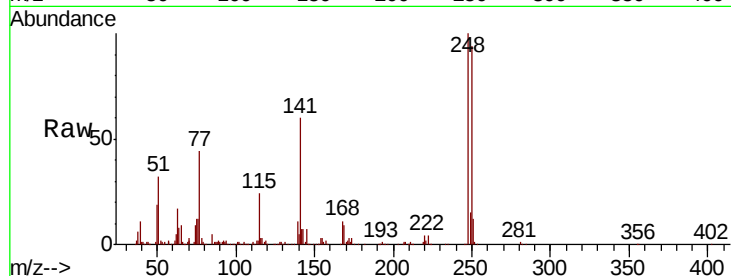
Tot Ion:248 Resp: 224316

Ion Ratio Lower Upper

248 100

250 93.9 78.0 117.0

141 60.0 51.8 77.6

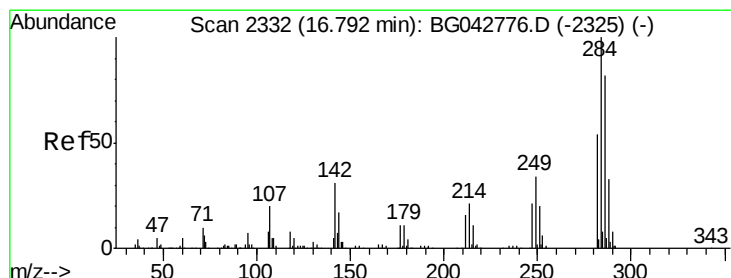
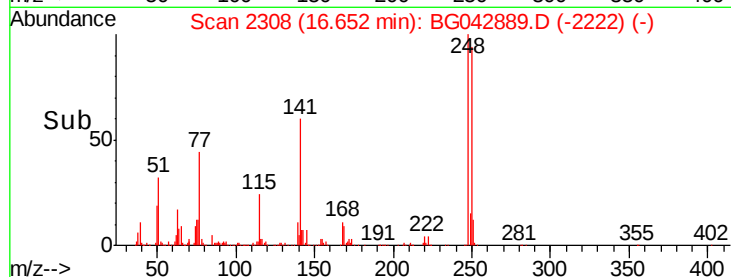
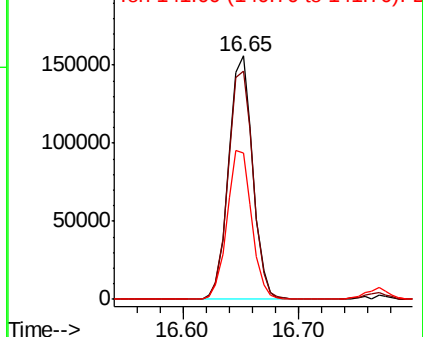


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 38.859 ng

RT: 16.77 min Scan# 2328

Delta R.T. -0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

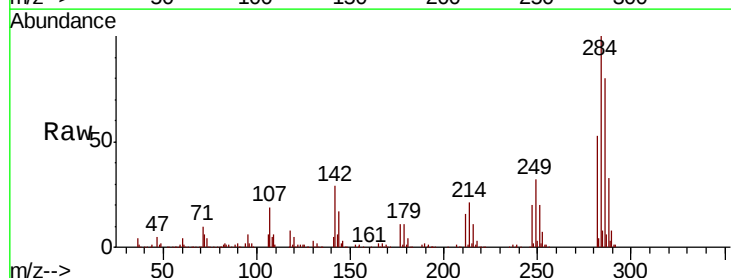
Tgt Ion:284 Resp: 230577

Ion Ratio Lower Upper

284 100

142 29.5 24.7 37.1

249 31.7 27.0 40.4

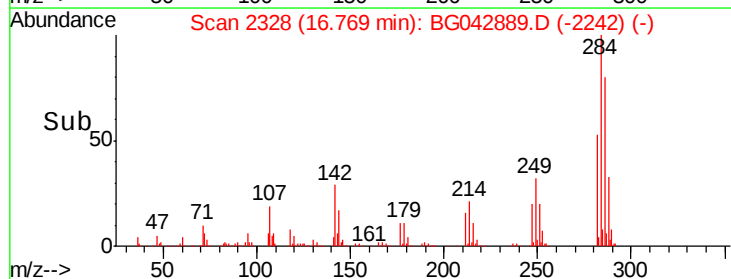
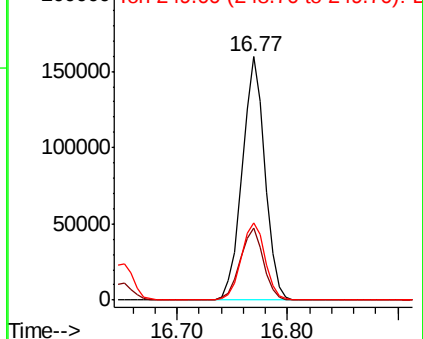


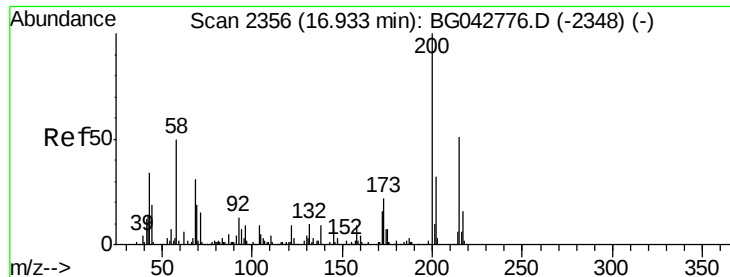
Abundance

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: 45.030 ng

RT: 16.93 min Scan# 2355

Delta R.T. -0.01 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

ClientSampleId :

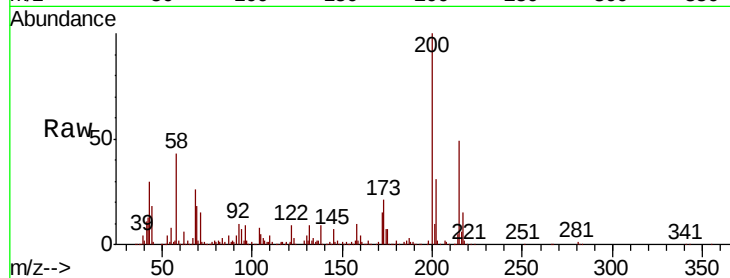
Tot Ion:200 Resp: 193593

Ion Ratio Lower Upper

200 100

173 21.4 2.5 42.5

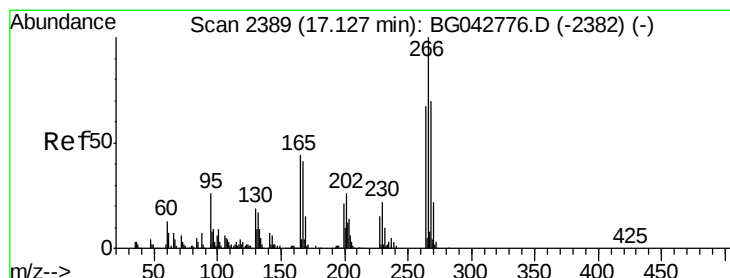
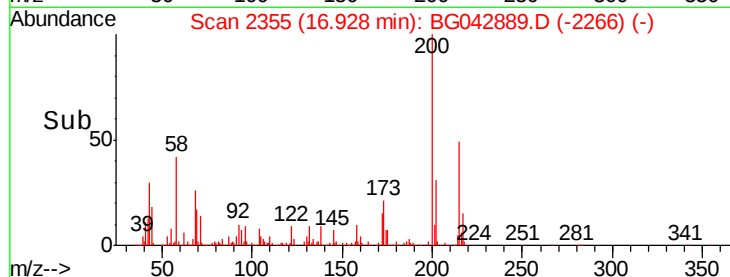
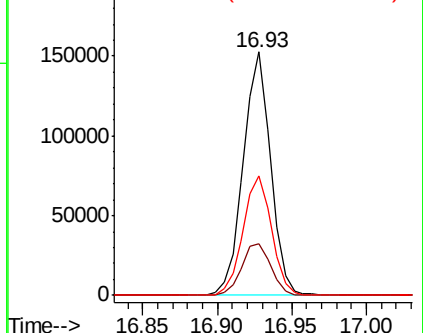
215 49.3 31.0 71.0



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: 75.584 ng

RT: 17.12 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

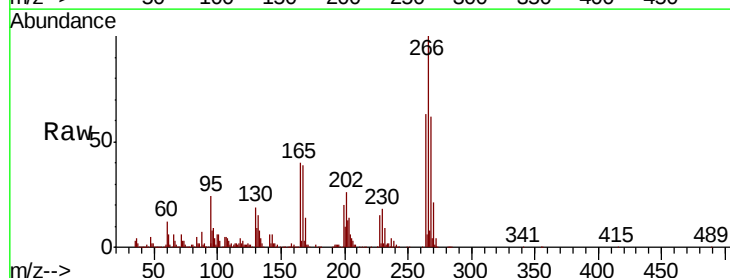
Tgt Ion:266 Resp: 266055

Ion Ratio Lower Upper

266 100

268 62.0 56.2 84.4

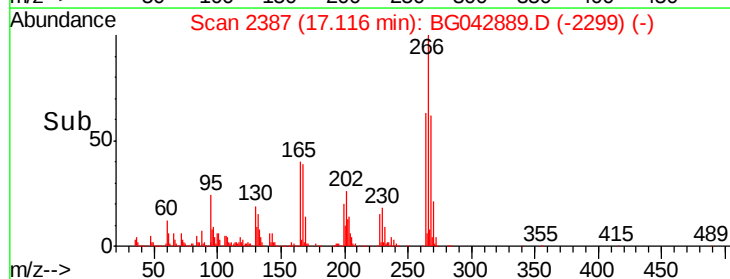
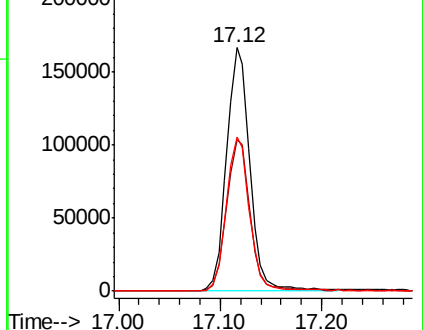
264 63.5 53.4 80.2

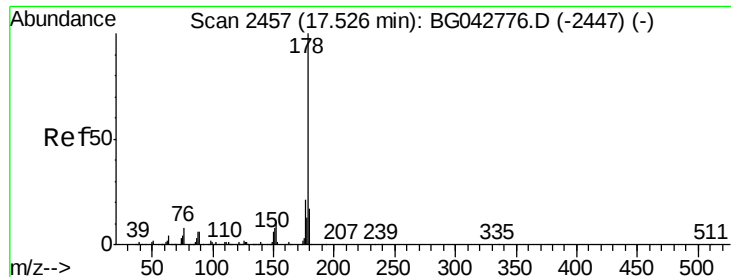


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

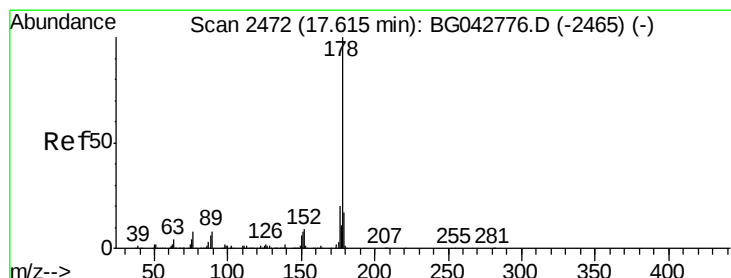
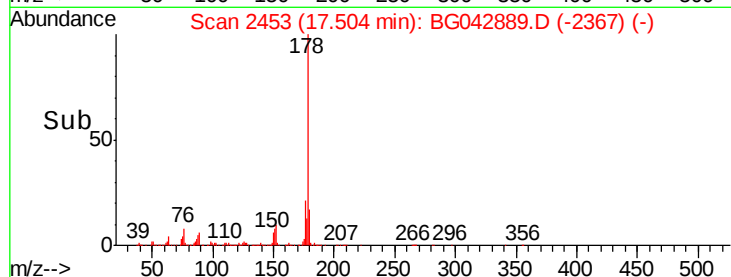
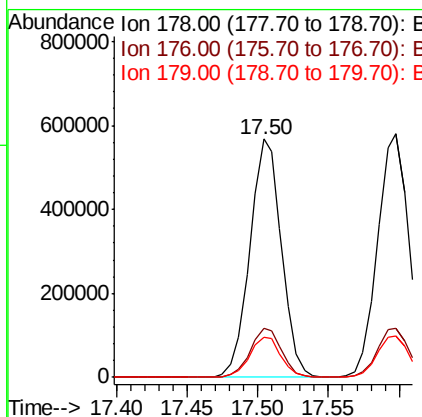
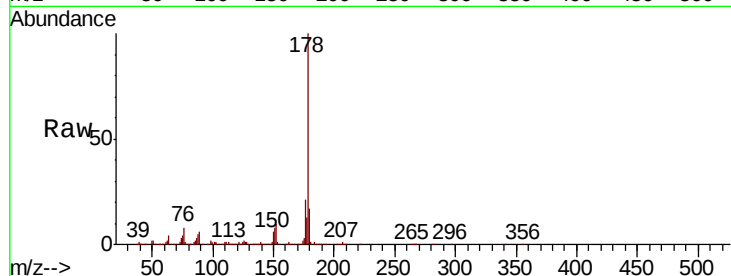




#71
Phenanthrene
Concen: 40.638 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.02 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

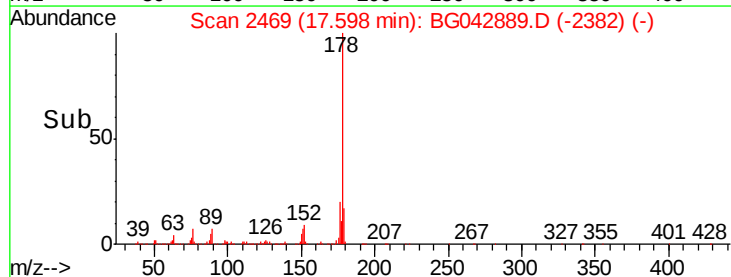
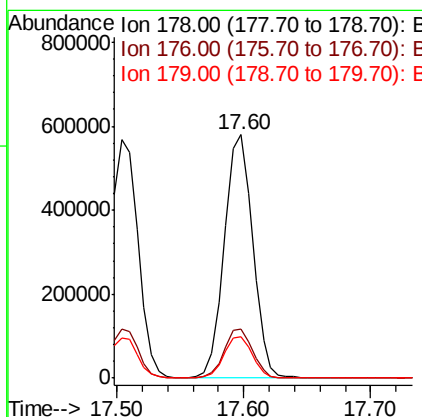
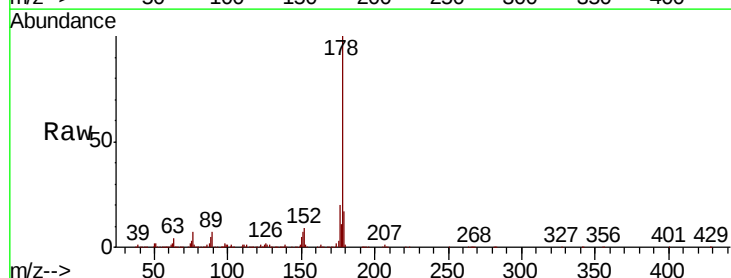
Instrument :
BNA_G
ClientSampleId :

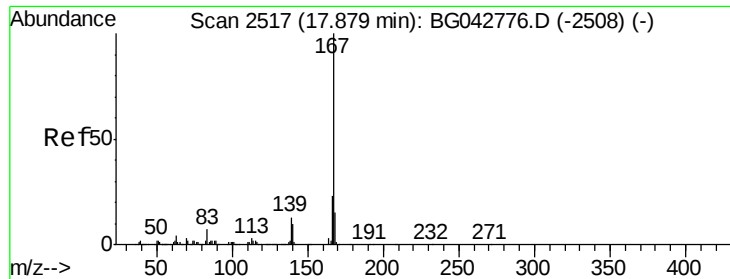
Tot Ion:178 Resp: 891641
Ion Ratio Lower Upper
178 100
176 20.6 17.0 25.4
179 16.9 13.6 20.4



#72
Anthracene
Concen: 40.903 ng
RT: 17.60 min Scan# 2469
Delta R.T. -0.02 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion:178 Resp: 896616
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.4
179 16.9 13.6 20.4

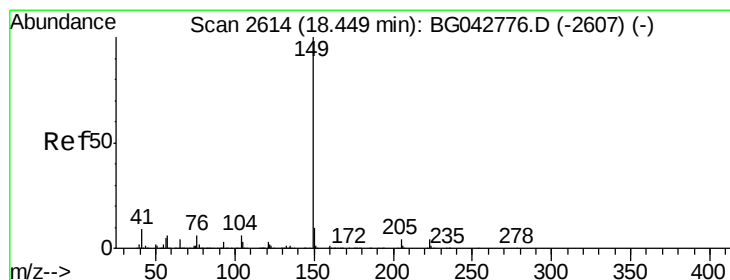
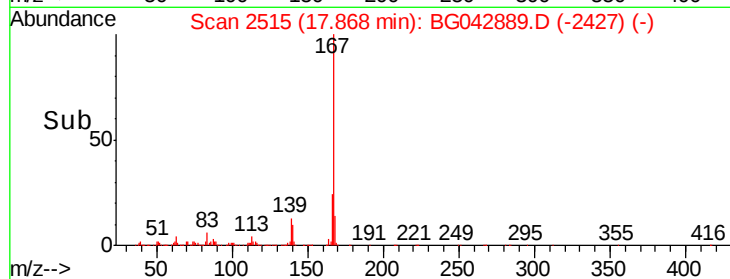
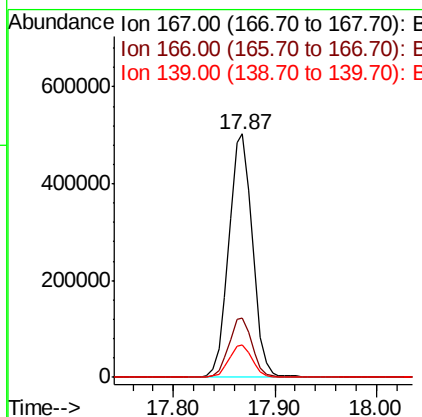
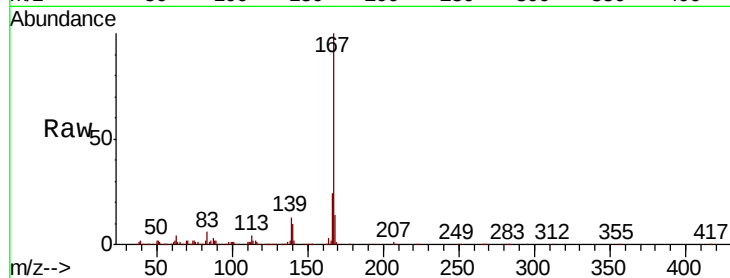




#73
 Carbazole
 Concen: 39.131 ng
 RT: 17.87 min Scan# 2515
 Delta R.T. -0.01 min
 Lab File: BG042889.D
 Acq: 18 Sep 2019 11:50

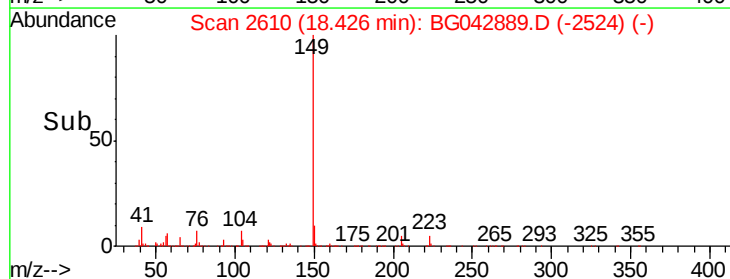
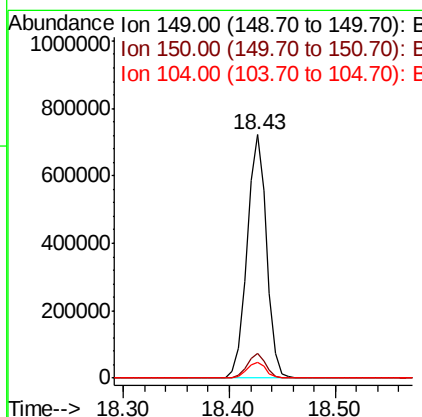
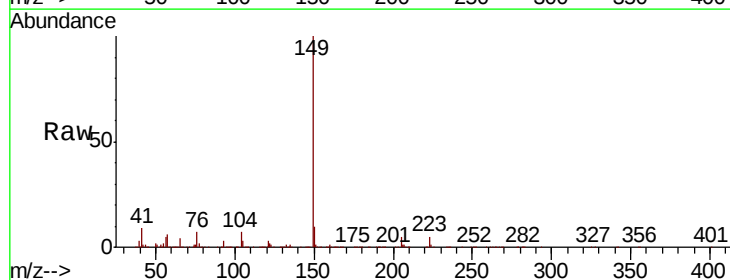
Instrument :
 BNA_G
 ClientSampleId :

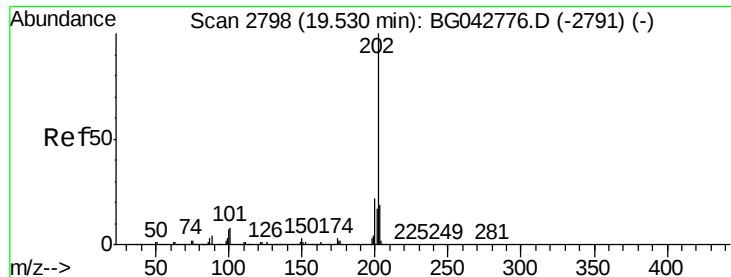
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.2	18.3	27.5
139	13.1	10.2	15.4



#74
 Di-n-butylphthalate
 Concen: 36.891 ng
 RT: 18.43 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BG042889.D
 Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.0	12.0
104	6.7	5.1	7.7





#75

Fluoranthene

Concen: 39.100 ng

RT: 19.51 min Scan# 2795

Delta R.T. -0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

ClientSampleId :

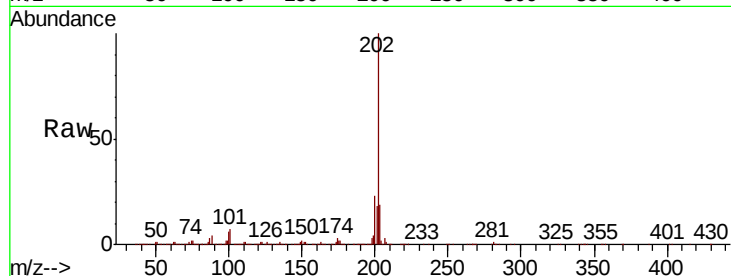
Tot Ion:202 Resp: 1111862

Ion Ratio Lower Upper

202 100

101 7.1 0.0 27.8

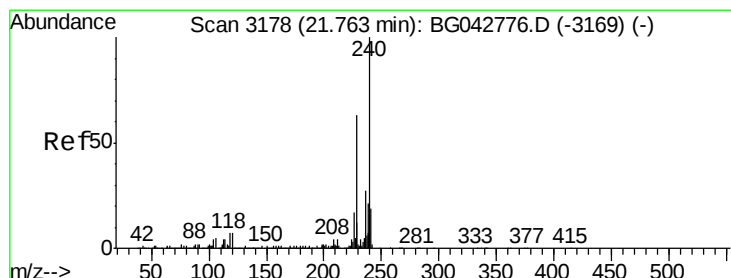
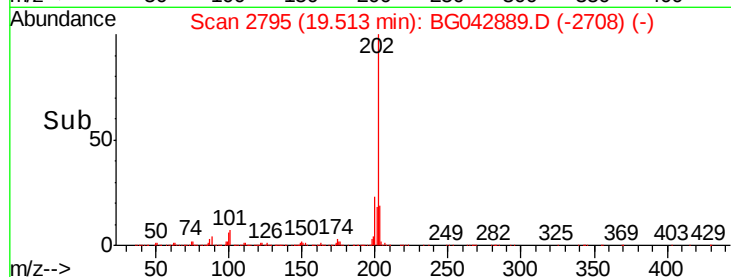
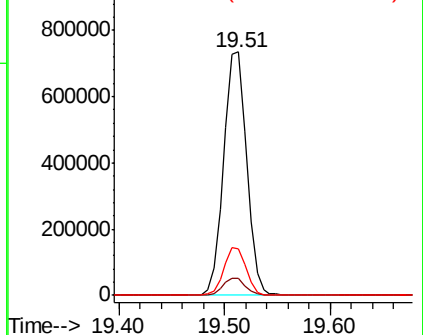
203 19.2 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

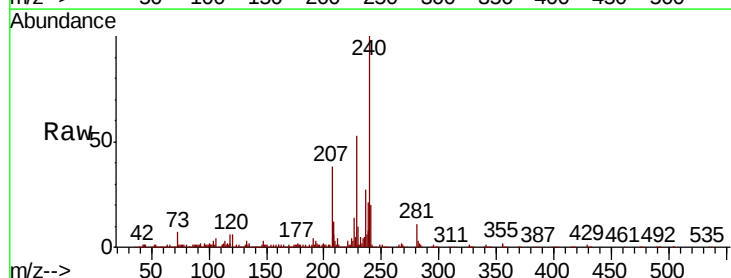
Tgt Ion:240 Resp: 424141

Ion Ratio Lower Upper

240 100

120 5.9 5.4 8.2

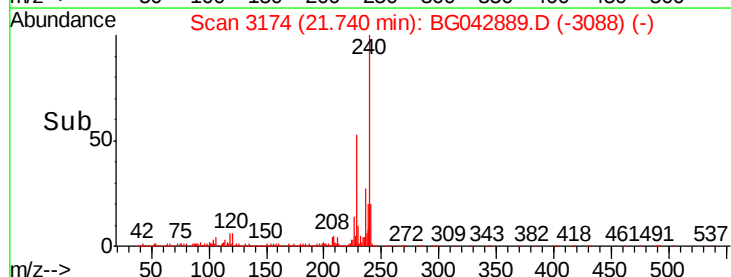
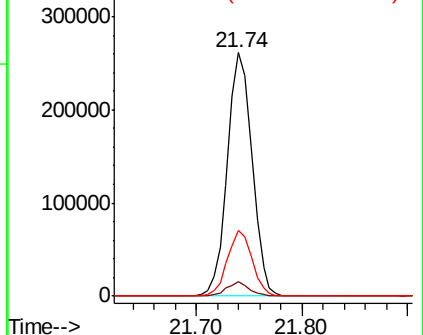
236 26.8 21.7 32.5

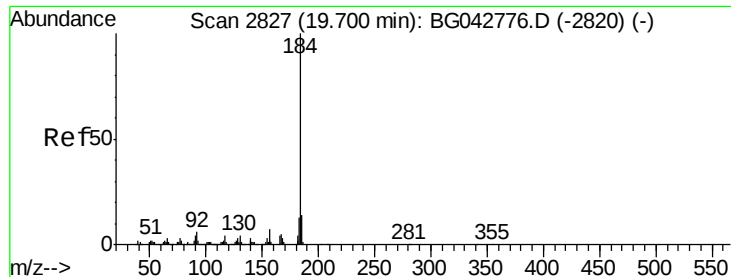


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.675 ng

RT: 19.69 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

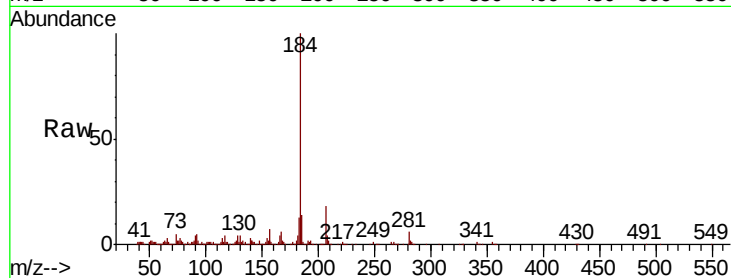
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 244997

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.6	17.4
183	13.2	10.4	15.6

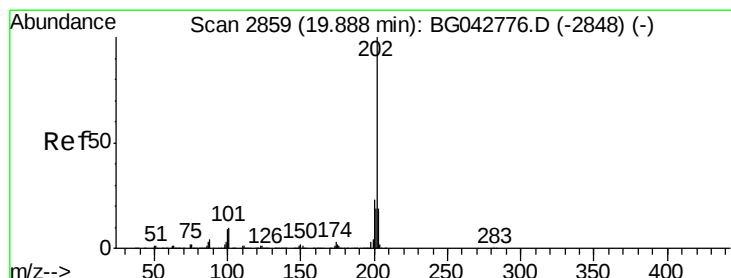
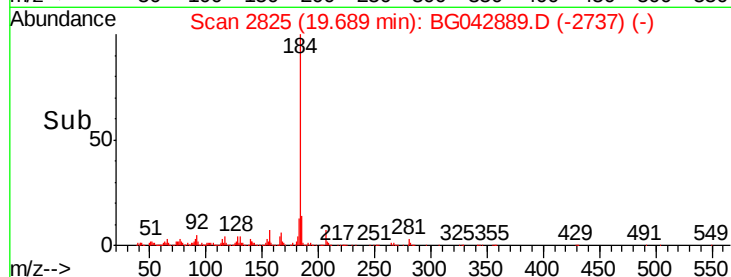
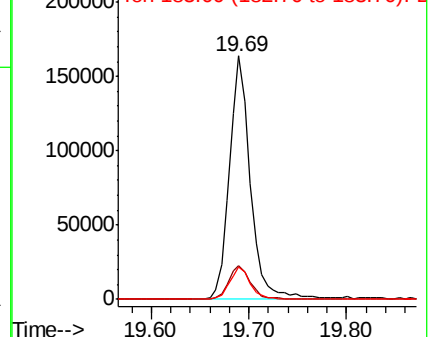


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.142 ng

RT: 19.87 min Scan# 2856

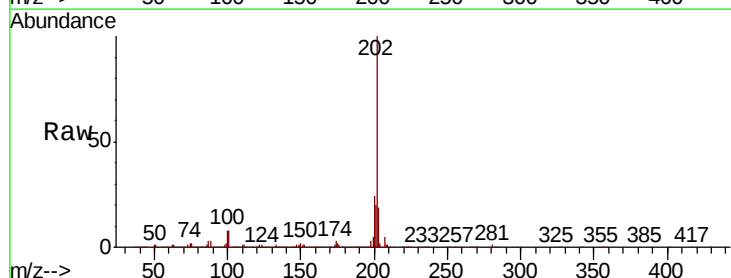
Delta R.T. -0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Tgt Ion:202 Resp: 1119051

Ion	Ratio	Lower	Upper
202	100		
200	23.6	18.5	27.7
203	19.5	15.3	22.9

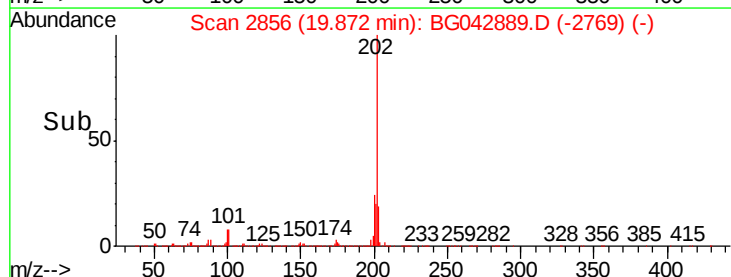
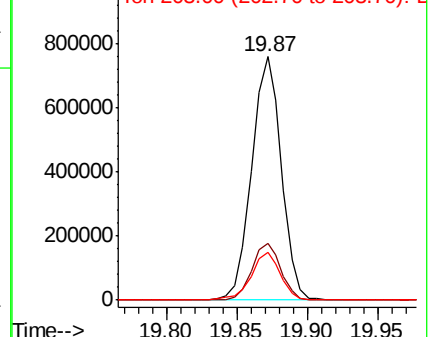


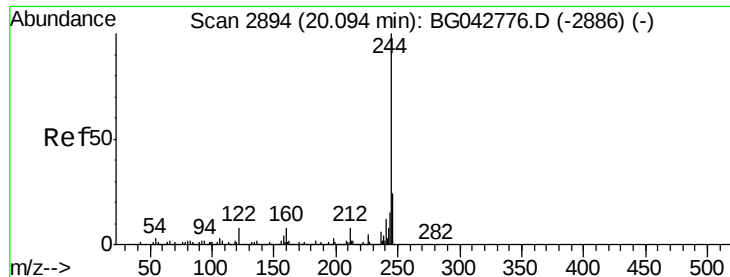
Abundance

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: 73.395 ng

RT: 20.07 min Scan# 2889

Delta R.T. -0.03 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

ClientSampled :

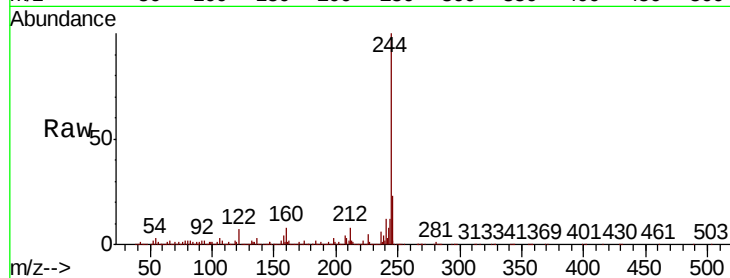
Tot Ion:244 Resp: 1404607

Ion Ratio Lower Upper

244 100

212 8.2 6.6 10.0

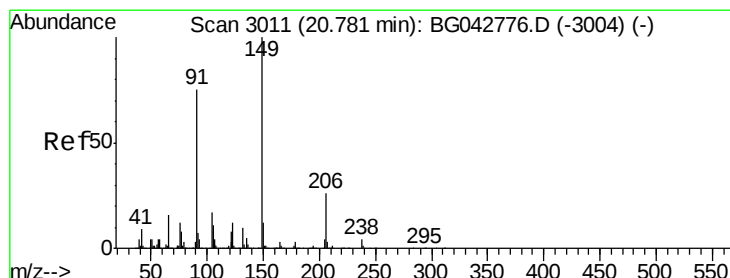
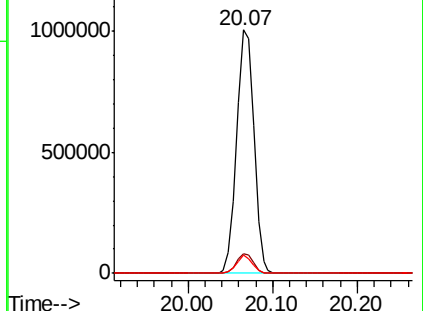
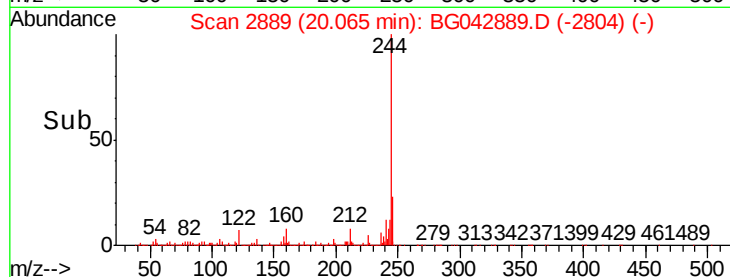
122 7.3 6.2 9.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.583 ng

RT: 20.76 min Scan# 3007

Delta R.T. -0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

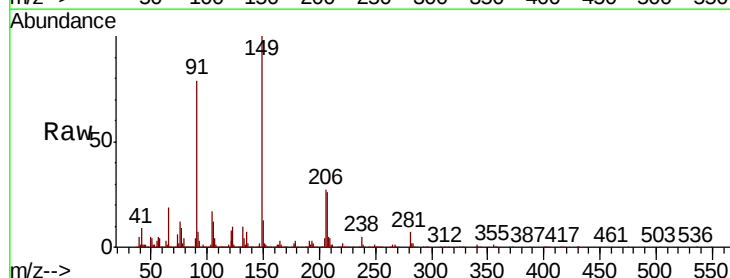
Tgt Ion:149 Resp: 393142

Ion Ratio Lower Upper

149 100

91 79.1 60.2 90.2

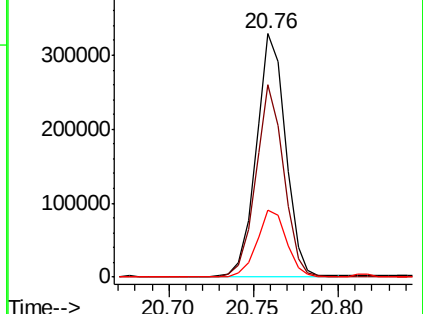
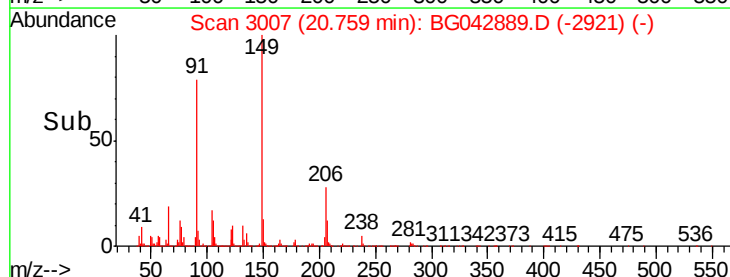
206 27.5 20.6 30.8

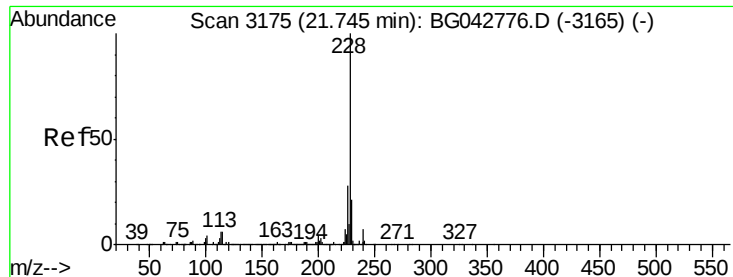


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.032 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

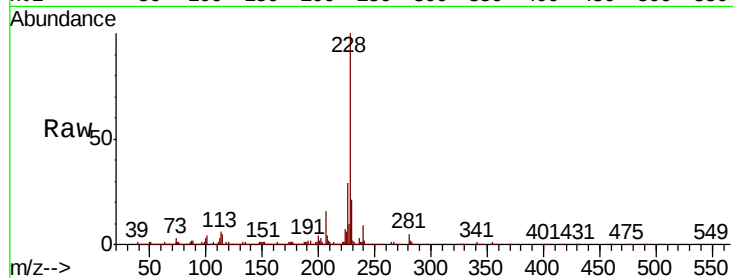
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1052610

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.5	33.7
229	21.2	17.2	25.8

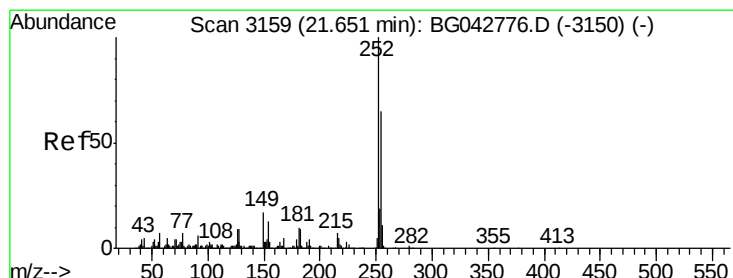
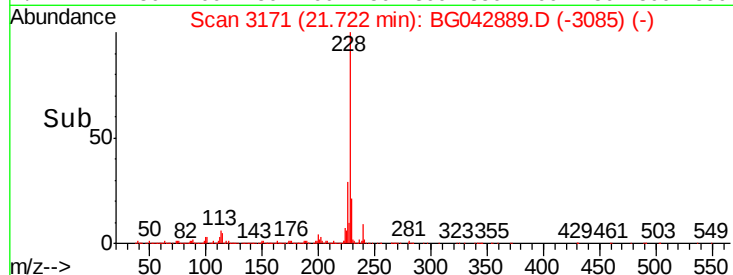
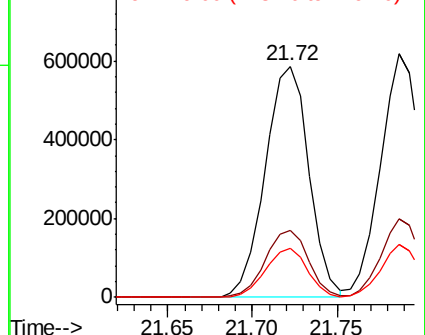


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 15.009 ng

RT: 21.63 min Scan# 3156

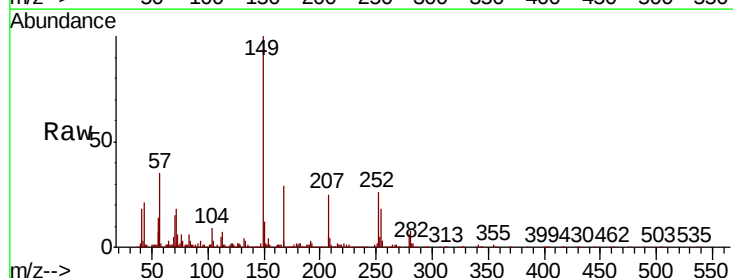
Delta R.T. -0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Tgt Ion:252 Resp: 157293

Ion	Ratio	Lower	Upper
252	100		
254	66.8	52.2	78.2
126	7.2	7.0	10.4

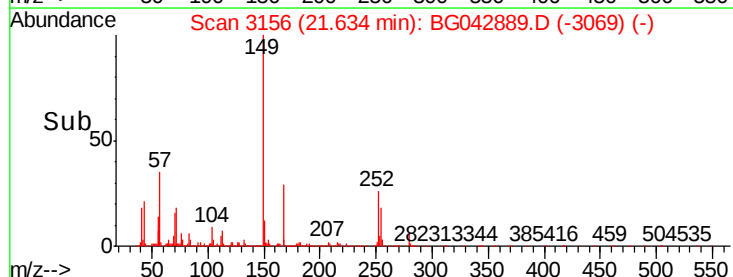
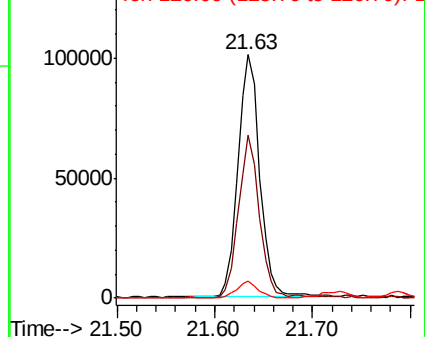


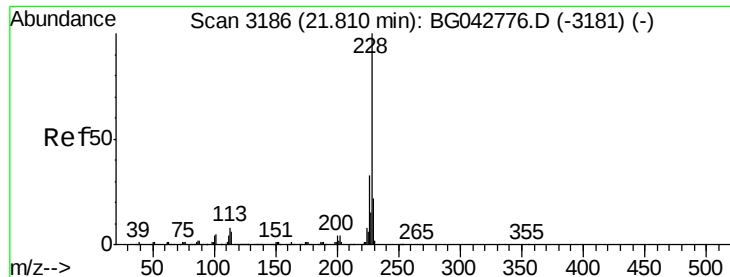
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.035 ng

RT: 21.79 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

ClientSampleId :

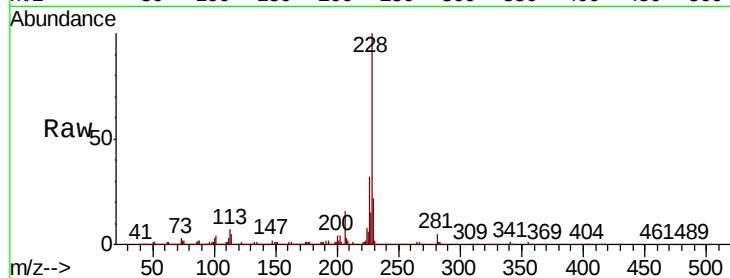
Tot Ion:228 Resp: 1022674

Ion Ratio Lower Upper

228 100

226 32.3 26.0 39.0

229 21.6 17.1 25.7

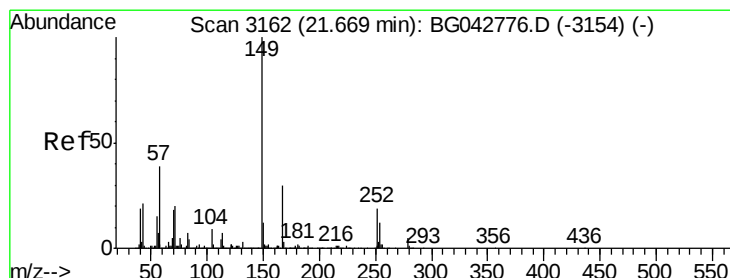
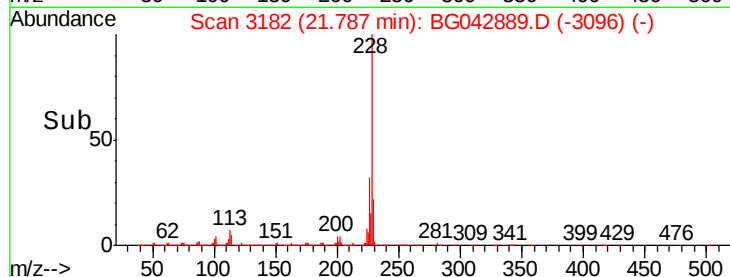
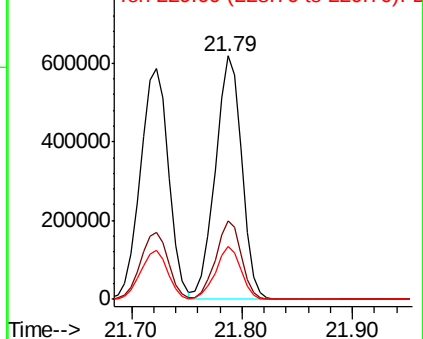


Abundance

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: 36.425 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.03 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

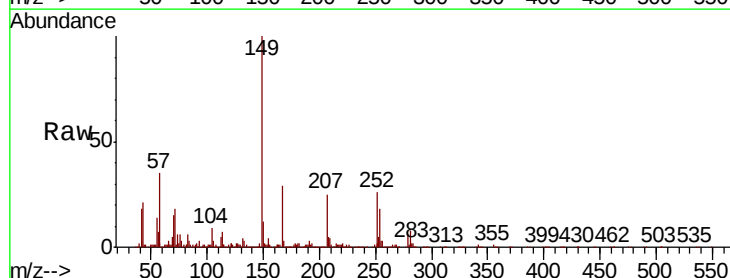
Tgt Ion:149 Resp: 534862

Ion Ratio Lower Upper

149 100

167 29.0 24.3 36.5

279 6.1 4.2 6.4

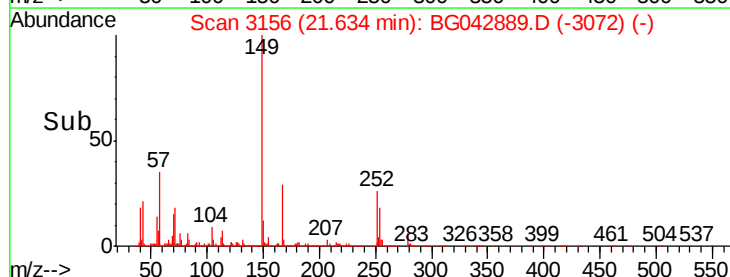
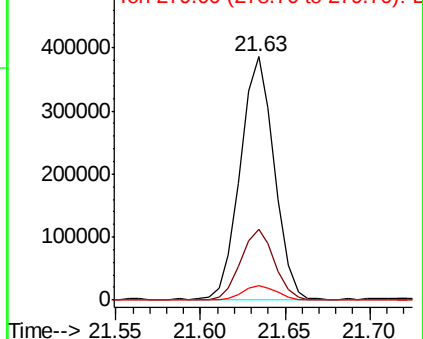


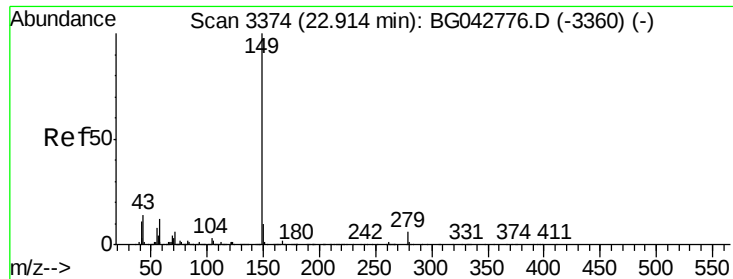
Abundance

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

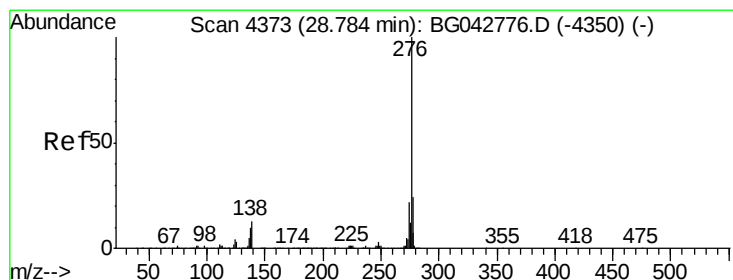
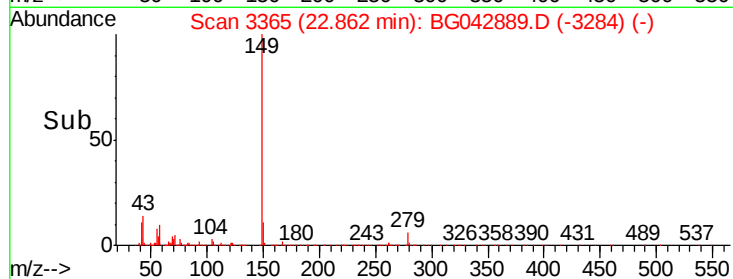
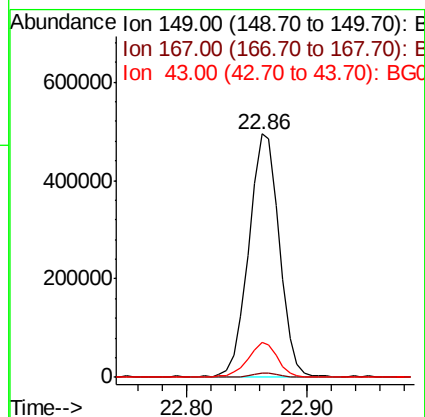
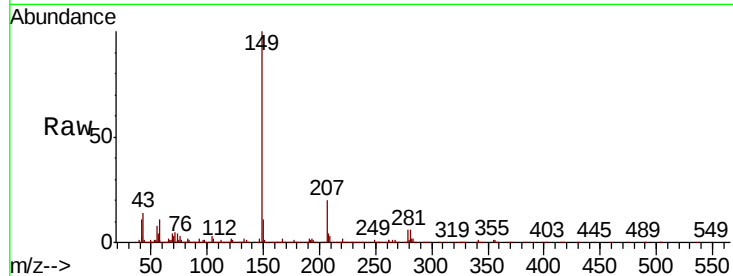




#85
Di-n-octyl phthalate
Concen: 34.612 ng
RT: 22.86 min Scan# 3365
Delta R.T. -0.05 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

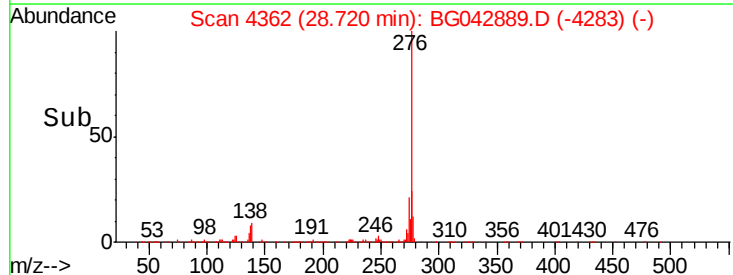
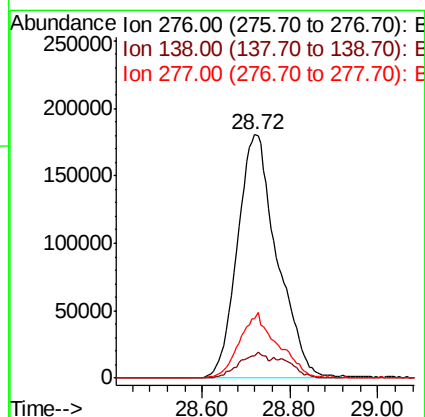
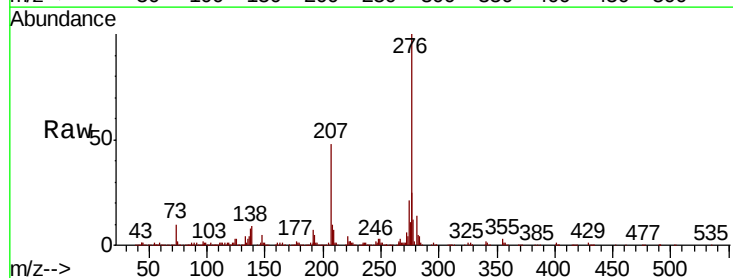
Instrument :
BNA_G
ClientSampleId :

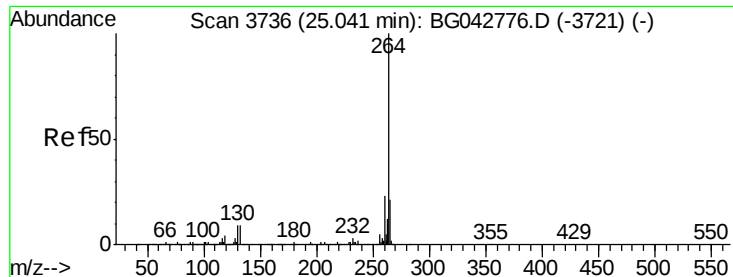
Tot Ion:149 Resp: 866419
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 13.6 10.6 15.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 35.127 ng
RT: 28.72 min Scan# 4362
Delta R.T. -0.06 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion:276 Resp: 1111195
Ion Ratio Lower Upper
276 100
138 7.5 9.3 13.9#
277 25.8 17.2 25.8

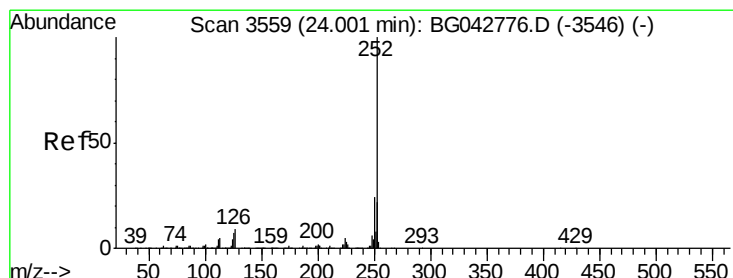
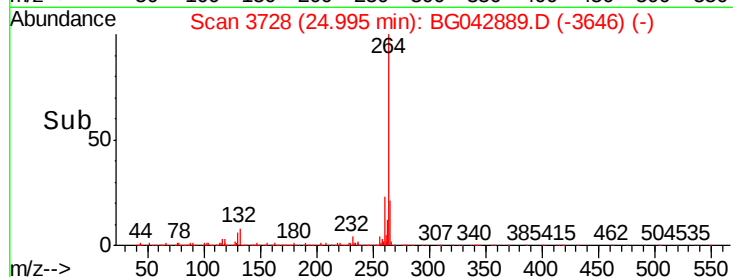
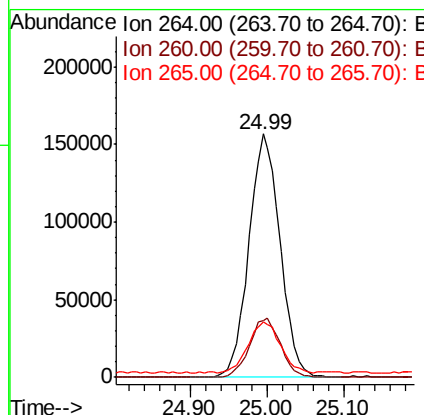
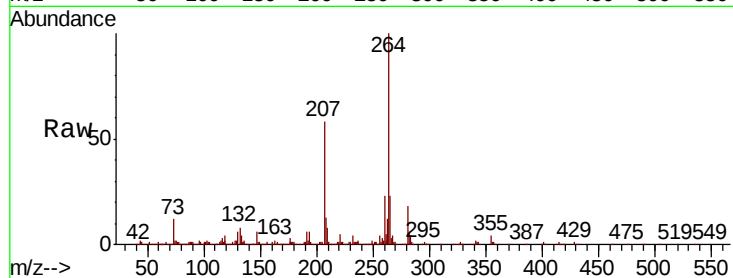




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3728
Delta R.T. -0.05 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

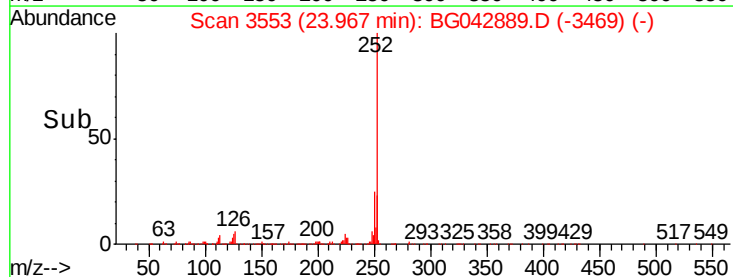
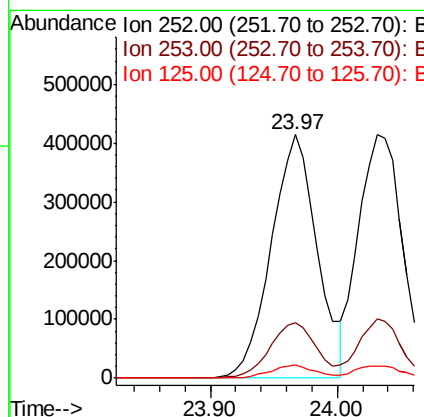
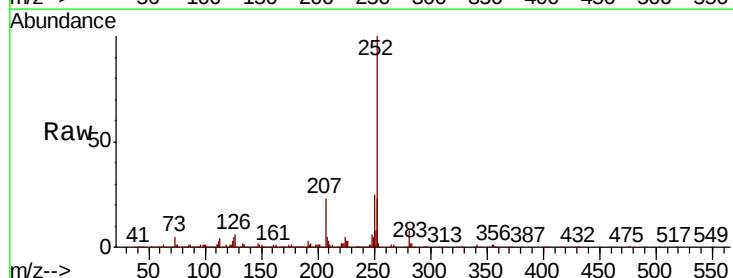
Instrument :
BNA_G
ClientSampleId :

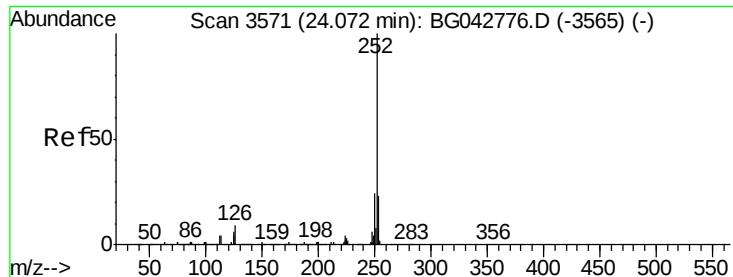
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.2
265	23.0	16.9	25.3



#88
Benzo(b)fluoranthene
Concen: 40.038 ng
RT: 23.97 min Scan# 3553
Delta R.T. -0.03 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	5.2	5.6	8.4#

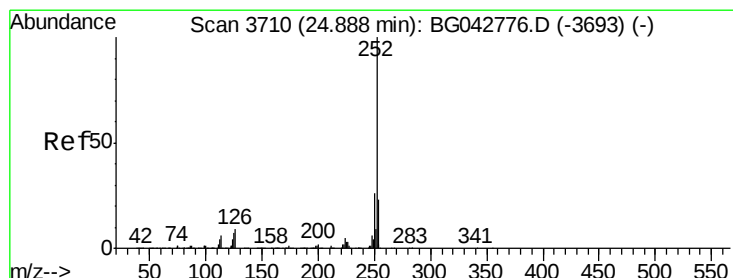
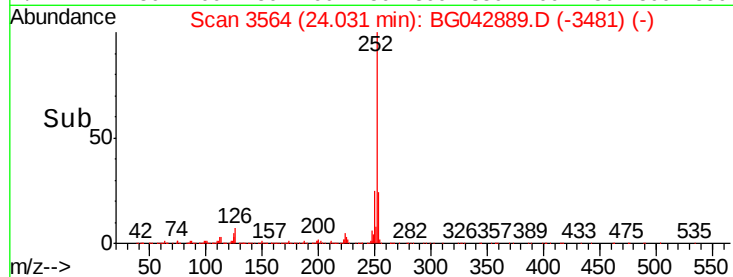
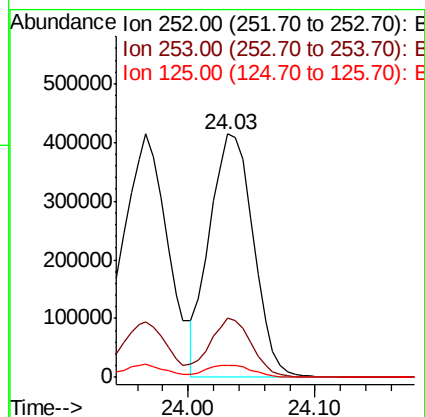
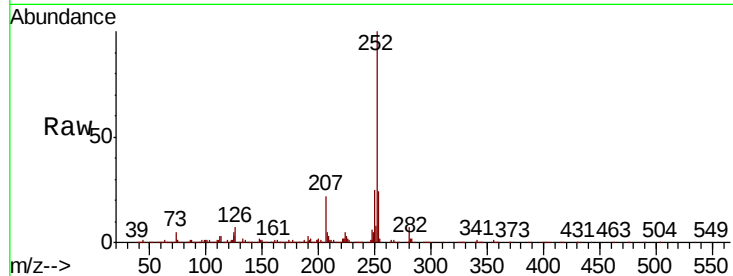




#89
Benzo(k)fluoranthene
Concen: 40.095 ng
RT: 24.03 min Scan# 3564
Delta R.T. -0.04 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

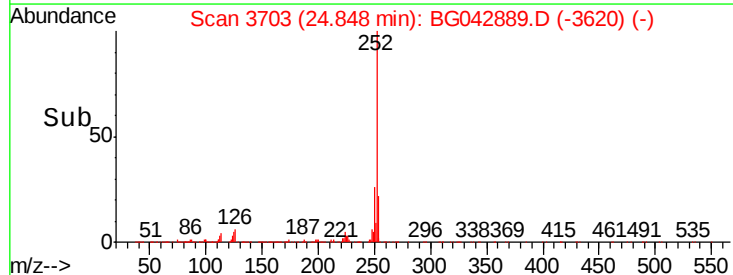
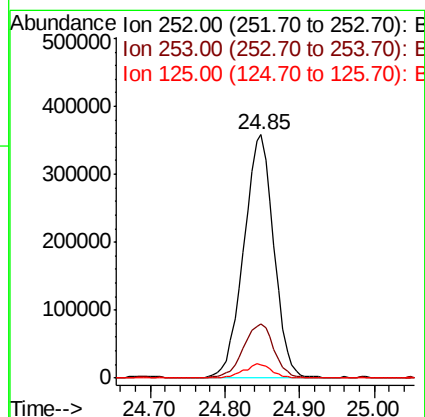
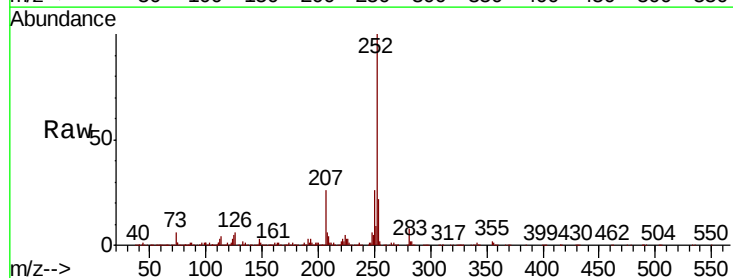
Instrument :
BNA_G
ClientSampleId :

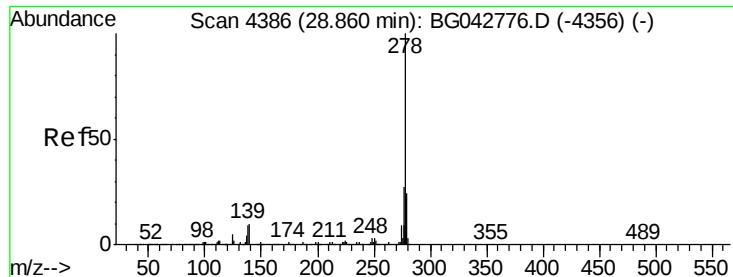
Tot Ion:252 Resp: 987624
Ion Ratio Lower Upper
252 100
253 24.3 18.2 27.4
125 5.2 5.3 7.9#



#90
Benzo(a)pyrene
Concen: 40.666 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.04 min
Lab File: BG042889.D
Acq: 18 Sep 2019 11:50

Tgt Ion:252 Resp: 992926
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 5.4 5.7 8.5#





#91

Dibenzo(a,h)anthracene

Concen: 39.047 ng

RT: 28.78 min Scan# 4373

Delta R.T. -0.08 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

Instrument :

BNA_G

ClientSampled :

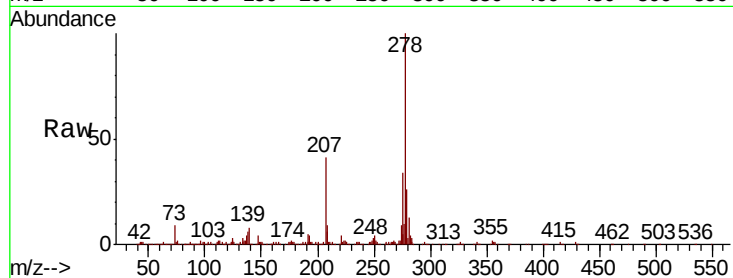
Tot Ion:278 Resp: 937693

Ion Ratio Lower Upper

278 100

139 7.8 8.2 12.2#

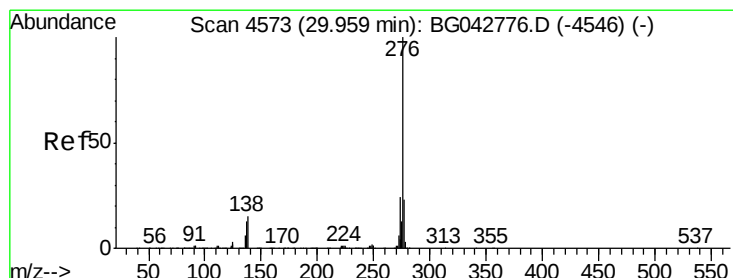
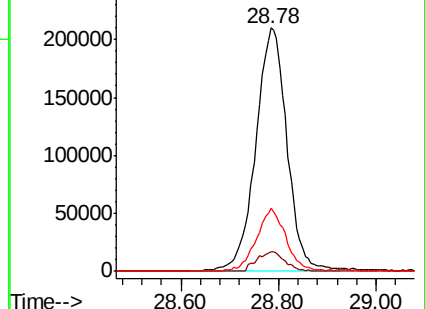
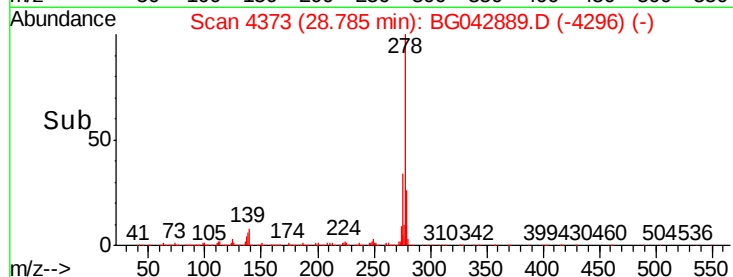
279 26.1 19.4 29.2



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: 39.487 ng

RT: 29.88 min Scan# 4559

Delta R.T. -0.08 min

Lab File: BG042889.D

Acq: 18 Sep 2019 11:50

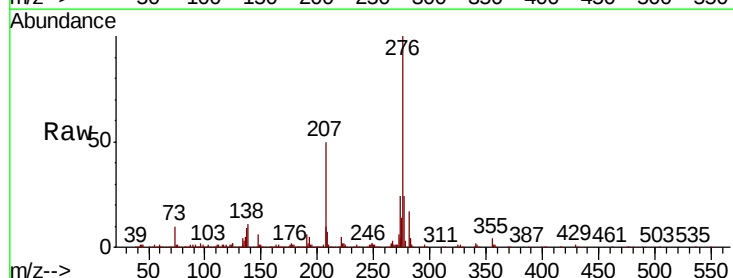
Tgt Ion:276 Resp: 924943

Ion Ratio Lower Upper

276 100

277 24.5 18.4 27.6

138 10.7 11.8 17.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

