

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043406.D
 Acq On : 30 Oct 2019 18:37
 Operator : JU
 Sample : K5543-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 31 05:08:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	39766	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	159961	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	115154	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	272811	20.00	ng	0.00
76) Chrysene-d12	21.66	240	300959	20.00	ng	0.00
87) Perylene-d12	24.86	264	351669	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	324969	149.75	ng	0.00
7) Phenol-d6	7.21	99	466335	149.36	ng	0.01
23) Nitrobenzene-d5	9.19	82	274437	88.45	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	300561	137.16	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	756803	90.81	ng	0.00
79) Terphenyl-d14	20.00	244	1478965	92.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	32021	37.865	ng	# 92
3) Pyridine	3.88	79	79438	37.238	ng	98
4) n-Nitrosodimethylamine	3.80	42	49598	46.075	ng	# 80
6) Aniline	7.35	93	135480	37.668	ng	94
8) 2-Chlorophenol	7.60	128	118058	49.282	ng	96
9) Benzaldehyde	7.16	77	62532	40.753	ng	91
10) Phenol	7.24	94	154229	54.056	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	95954	43.500	ng	96
12) 1,3-Dichlorobenzene	7.91	146	126040	41.994	ng	99
13) 1,4-Dichlorobenzene	8.05	146	128699	42.381	ng	97
14) 1,2-Dichlorobenzene	8.38	146	124985	42.153	ng	95
15) Benzyl Alcohol	8.27	79	104824	47.804	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	132682	41.366	ng	96
17) 2-Methylphenol	8.48	107	100828	48.477	ng	91
18) Hexachloroethane	9.11	117	45321	41.366	ng	97
19) n-Nitroso-di-n-propylamine	8.82	70	87236	43.239	ng	99
20) 3+4-Methylphenols	8.81	107	139422	48.884	ng	88
22) Acetophenone	8.85	105	170365	41.589	ng	# 96
24) Nitrobenzene	9.23	77	131217	44.394	ng	96
25) Isophorone	9.75	82	248754	43.851	ng	99
26) 2-Nitrophenol	9.94	139	67988	47.645	ng	95
27) 2,4-Dimethylphenol	10.01	122	110008	53.787	ng	95
28) bis(2-Chloroethoxy)methane	10.23	93	134485	42.955	ng	97
29) 2,4-Dichlorophenol	10.49	162	132432	50.537	ng	96
30) 1,2,4-Trichlorobenzene	10.69	180	144609	43.784	ng	94
31) Naphthalene	10.88	128	364270	44.863	ng	97
32) Benzoic acid	10.19	122	60372	40.420	ng	96
33) 4-Chloroaniline	10.99	127	68700	20.641	ng	95
34) Hexachlorobutadiene	11.16	225	98566	40.371	ng	97
35) Caprolactam	11.76	113	19806	21.945	ng	# 85
36) 4-Chloro-3-methylphenol	12.13	107	135583	47.433	ng	98
37) 2-Methylnaphthalene	12.48	142	285127	45.767	ng	99
38) 1-Methylnaphthalene	12.70	142	269007	45.382	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	182348	42.788	ng	98

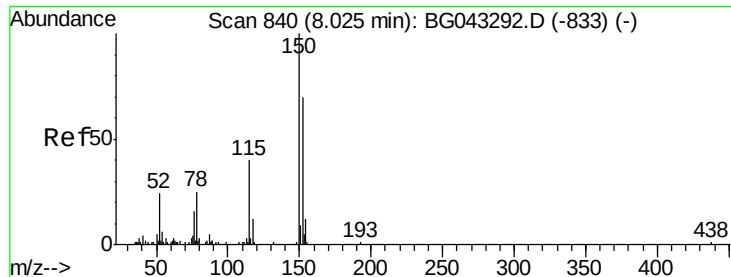
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043406.D
 Acq On : 30 Oct 2019 18:37
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Quant Time: Oct 31 05:08:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	231877	103.577	nq	97
43) 2,4,6-Trichlorophenol	13.09	196	122403	48.771	nq	98
44) 2,4,5-Trichlorophenol	13.18	196	131151	51.689	nq	99
46) 1,1'-Biphenyl	13.48	154	384615	43.904	nq	97
47) 2-Chloronaphthalene	13.53	162	300308	45.054	nq	98
48) 2-Nitroaniline	13.73	65	88163	44.255	nq	95
49) Acenaphthylene	14.38	152	490948	47.326	nq	97
50) Dimethylphthalate	14.11	163	500550	56.119	nq	100
51) 2,6-Dinitrotoluene	14.22	165	90369	46.636	nq	93
52) Acenaphthene	14.72	154	292210	46.190	nq	97
53) 3-Nitroaniline	14.56	138	55467	29.648	nq	95
54) 2,4-Dinitrophenol	14.76	184	96586	79.838	nq	93
55) Dibenzofuran	15.05	168	475768	46.375	nq	99
56) 4-Nitrophenol	14.89	139	133653	106.606	nq	90
57) 2,4-Dinitrotoluene	15.02	165	130489	47.121	nq	92
58) Fluorene	15.70	166	393828	45.770	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	131388	48.739	nq	# 97
60) Diethylphthalate	15.46	149	401416	44.790	nq	98
61) 4-Chlorophenyl-phenylether	15.69	204	228233	45.468	nq	96
62) 4-Nitroaniline	15.73	138	84743	43.860	nq	98
63) Azobenzene	15.98	77	332782	45.880	nq	99
65) 4,6-Dinitro-2-methylphenol	15.78	198	77659	48.371	nq	99
66) n-Nitrosodiphenylamine	15.90	169	350984	45.570	nq	96
67) 4-Bromophenyl-phenylether	16.58	248	163002	44.397	nq	98
68) Hexachlorobenzene	16.70	284	184008	43.662	nq	98
69) Atrazine	16.85	200	153659	57.414	nq	95
70) Pentachlorophenol	17.05	266	199027	103.643	nq	95
71) Phenanthrene	17.44	178	633648	45.358	nq	100
72) Anthracene	17.53	178	659712	47.199	nq	99
73) Carbazole	17.80	167	587686	46.430	nq	98
74) Di-n-butylphthalate	18.35	149	692000	45.058	nq	100
75) Fluoranthene	19.45	202	844205	46.353	nq	99
77) Benzidine	19.63	184	324067	53.504	nq	98
78) Pyrene	19.80	202	849905	45.623	nq	99
80) Butylbenzylphthalate	20.69	149	324177	45.932	nq	95
81) Benzo(a)anthracene	21.64	228	874158	46.370	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	218854	30.015	nq	96
83) Chrysene	21.71	228	859428	45.883	nq	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	467269	46.607	nq	100
85) Di-n-octyl phthalate	22.74	149	803748	47.253	nq	100
86) Indeno(1,2,3-cd)pyrene	28.51	276	1137283	48.371	nq	99
88) Benzo(b)fluoranthene	23.85	252	936273	47.008	nq	98
89) Benzo(k)fluoranthene	23.91	252	955691	47.663	nq	100
90) Benzo(a)pyrene	24.70	252	878667	46.198	nq	98
91) Dibenzo(a,h)anthracene	28.56	278	962929	49.497	nq	98
92) Benzo(g,h,i)perylene	29.63	276	955926	49.814	nq	98

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

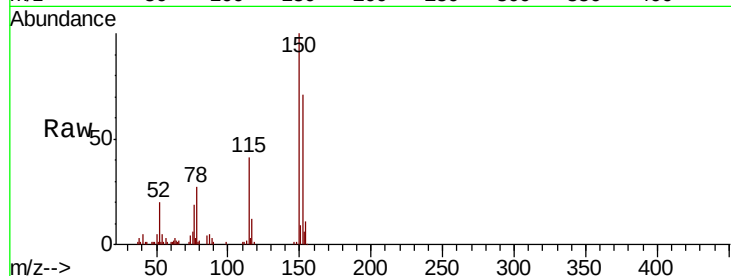


#1

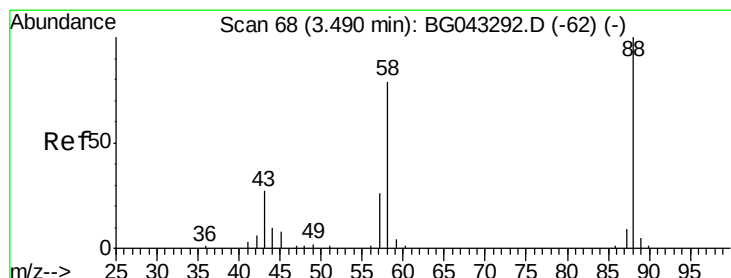
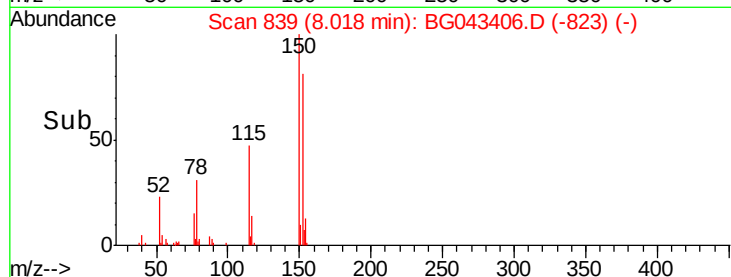
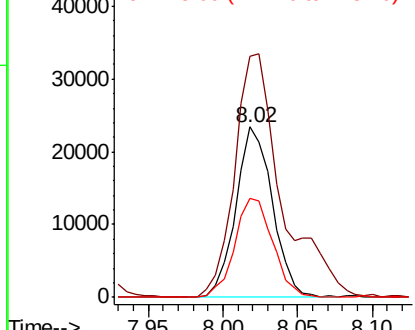
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG043406.D
Acq: 30 Oct 2019 18:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.6	113.6	170.4
115	58.3	45.9	68.9



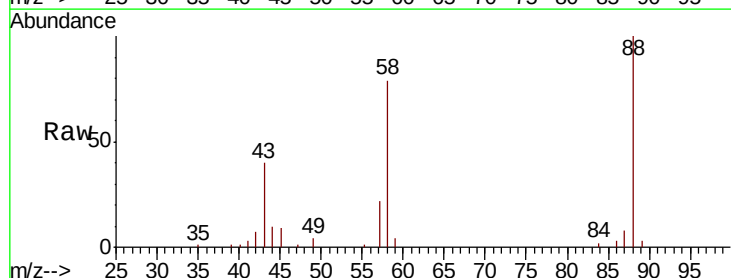
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



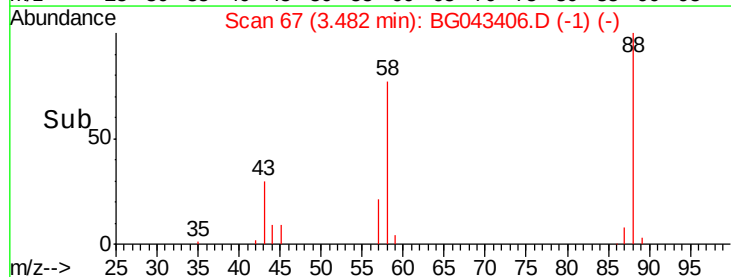
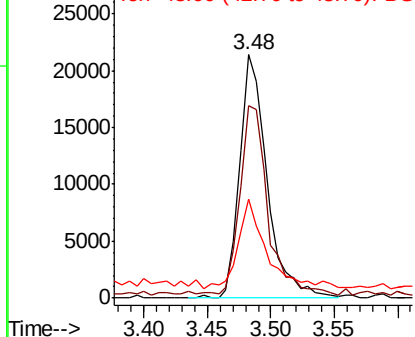
#2

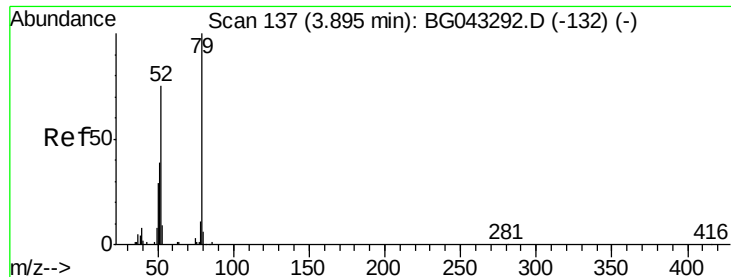
1,4-Dioxane
Concen: 37.865 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG043406.D
Acq: 30 Oct 2019 18:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.5	60.2	90.2
43	38.7	22.7	34.1



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: 37.238 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.01 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

Instrument :

BNA_G

ClientSampled :

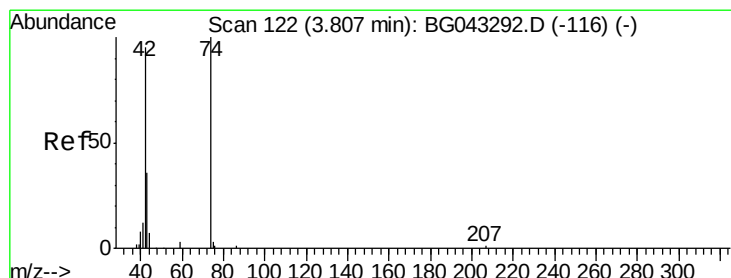
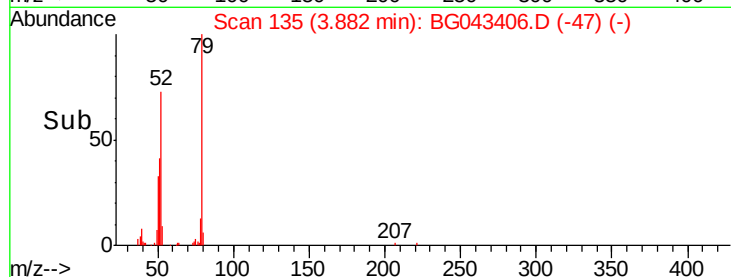
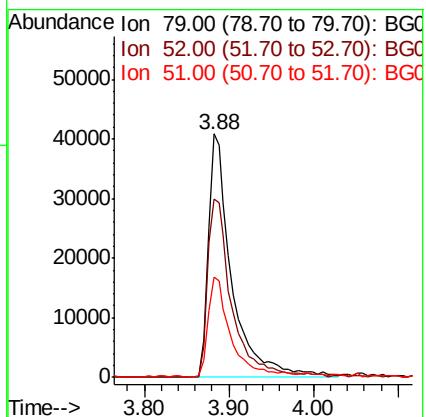
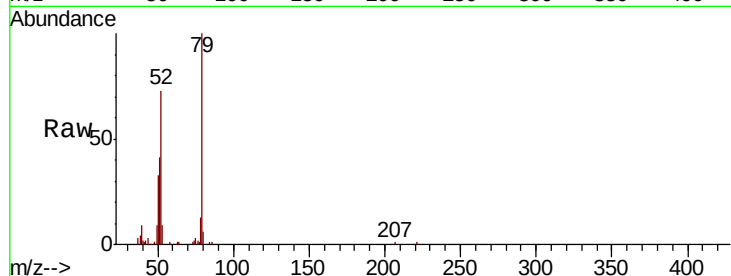
Tot Ion: 79 Resp: 79438

Ion Ratio Lower Upper

79 100

52 73.3 59.7 89.5

51 41.4 31.8 47.6



#4

n-Nitrosodimethylamine

Concen: 46.075 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

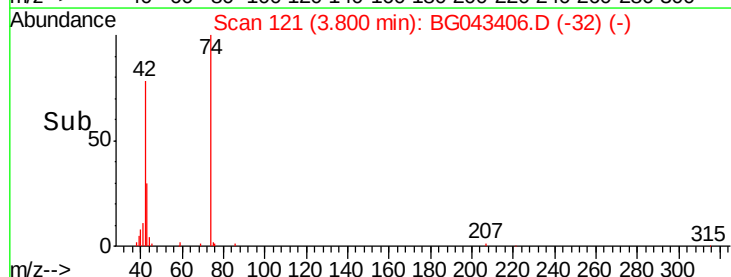
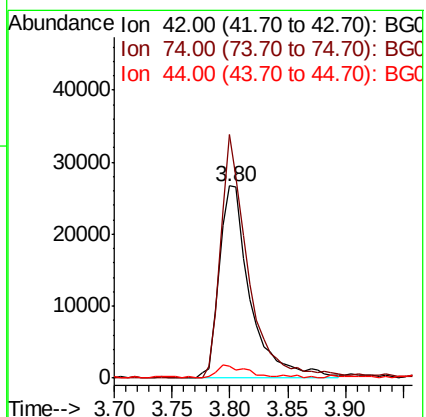
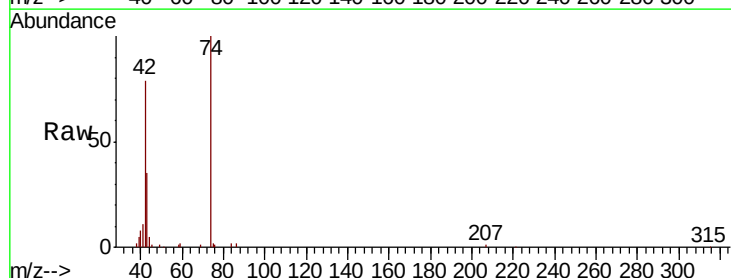
Tgt Ion: 42 Resp: 49598

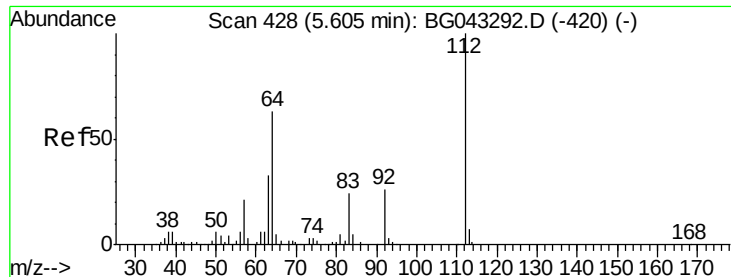
Ion Ratio Lower Upper

42 100

74 126.6 84.2 126.2#

44 6.2 6.0 9.0





#5

2-Fluorophenol

Concen: 149.748 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

Instrument :

BNA_G

ClientSampleId :

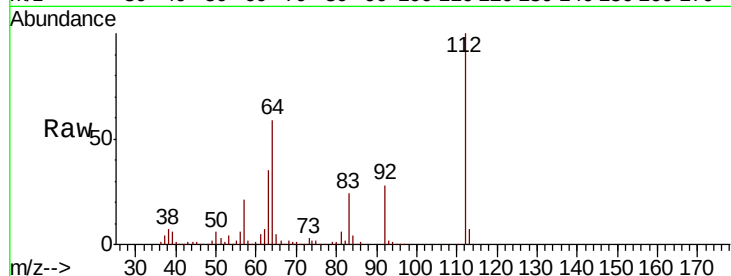
Tot Ion:112 Resp: 324969

Ion Ratio Lower Upper

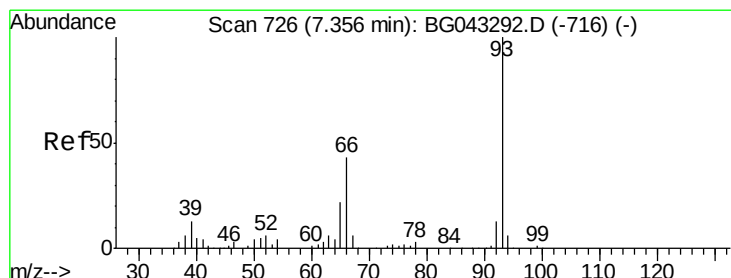
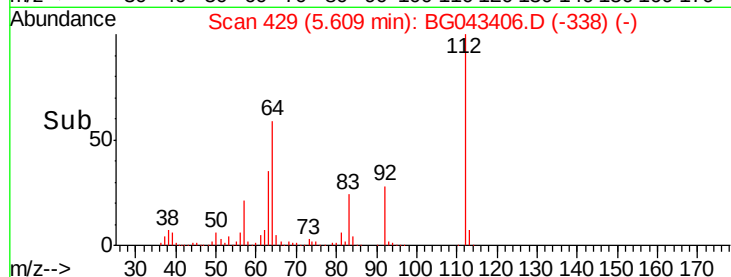
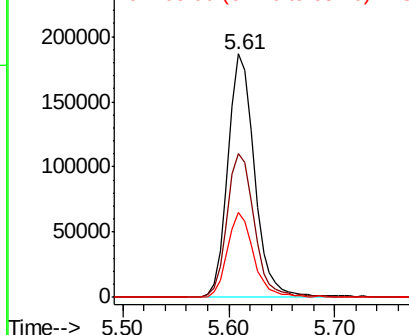
112 100

64 58.8 50.2 75.2

63 34.8 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 37.668 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

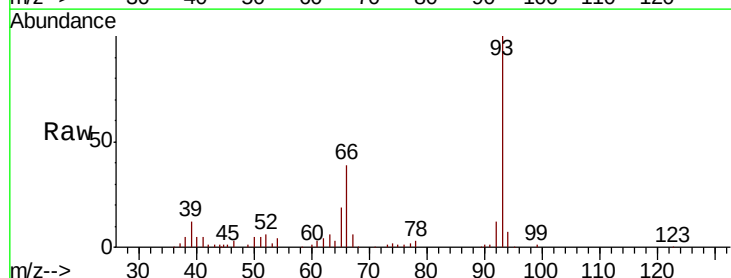
Tgt Ion: 93 Resp: 135480

Ion Ratio Lower Upper

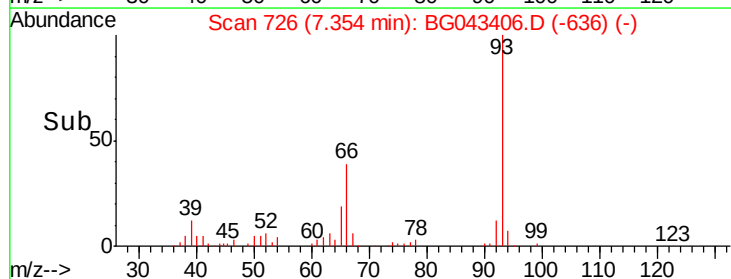
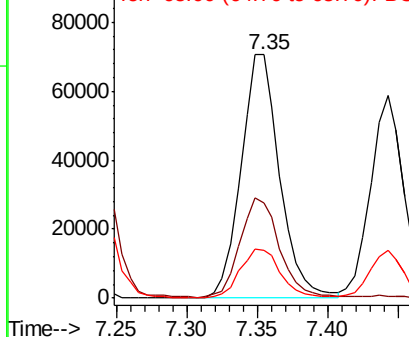
93 100

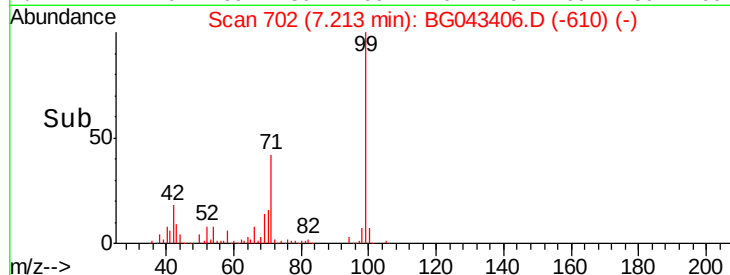
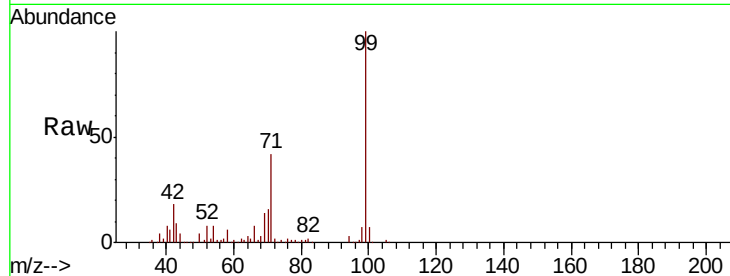
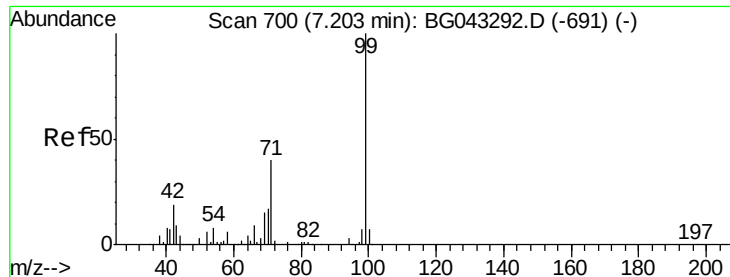
66 38.9 34.5 51.7

65 19.5 18.0 27.0



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





#7

Phenol-d6

Concen: 149.358 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

Instrument :

BNA_G

ClientSampleId :

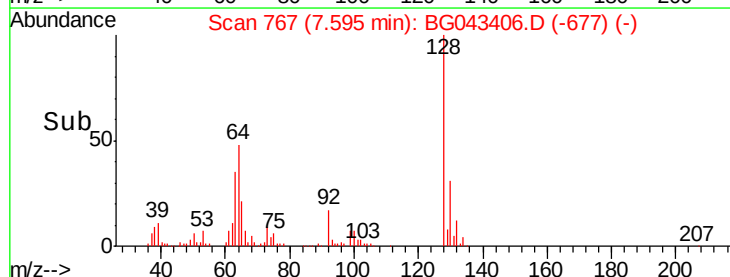
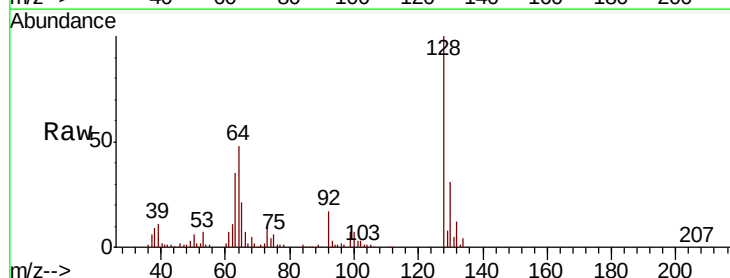
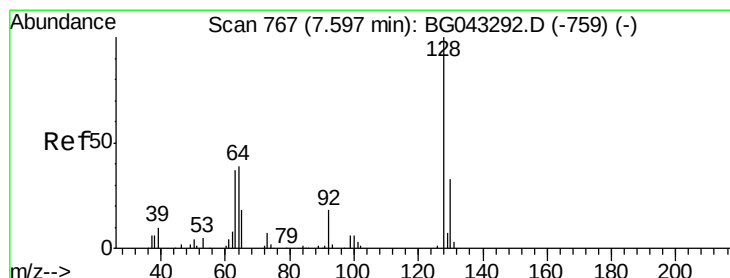
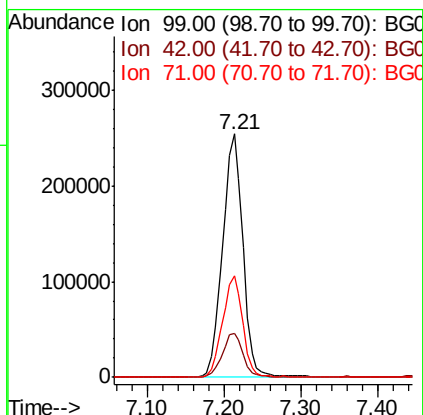
Tot Ion: 99 Resp: 466335

Ion Ratio Lower Upper

99 100

42 18.0 14.9 22.3

71 41.7 32.2 48.2



#8

2-Chlorophenol

Concen: 49.282 ng

RT: 7.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

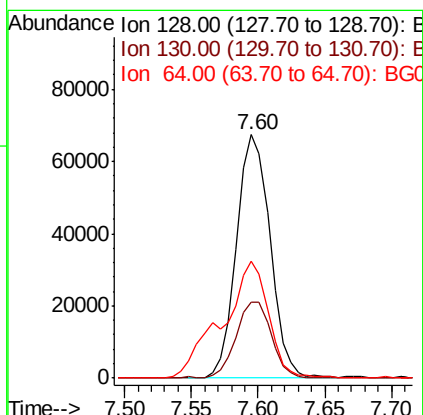
Tgt Ion: 128 Resp: 118058

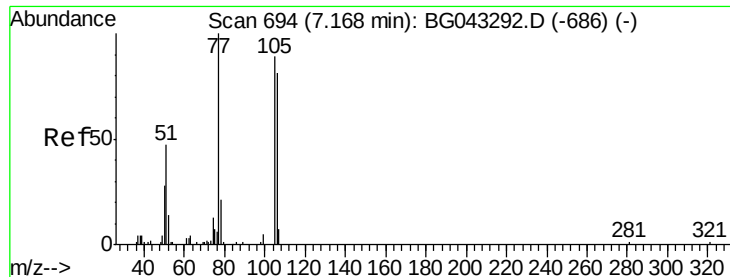
Ion Ratio Lower Upper

128 100

130 31.4 12.9 52.9

64 48.2 24.9 64.9





#9

Benzaldehyde

Concen: 40.753 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

Instrument :

BNA_G

ClientSampleId :

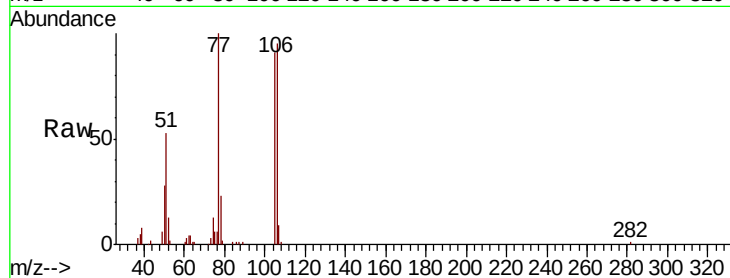
Tot Ion: 77 Resp: 62532

Ion Ratio Lower Upper

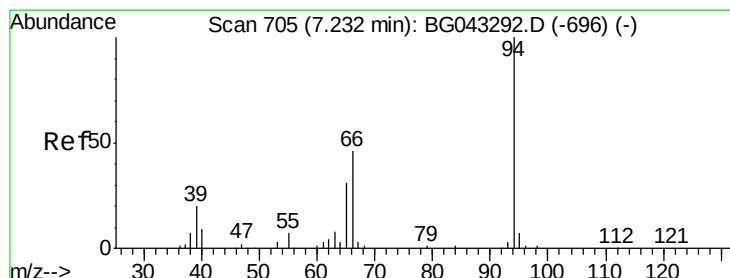
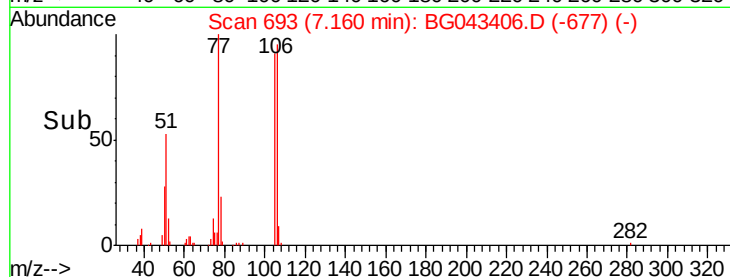
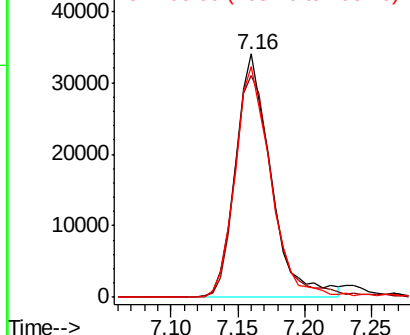
77 100

105 90.9 68.7 108.7

106 95.0 60.5 100.5



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: 54.056 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

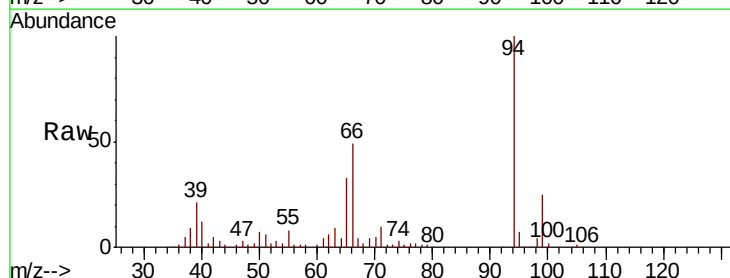
Tgt Ion: 94 Resp: 154229

Ion Ratio Lower Upper

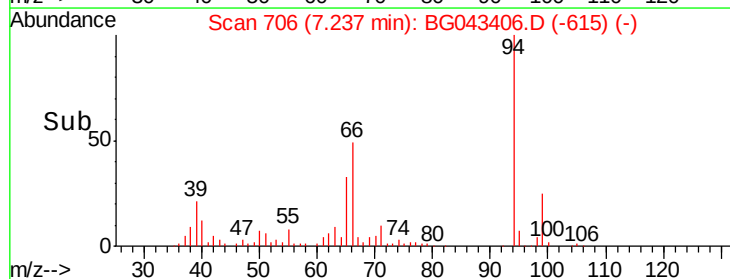
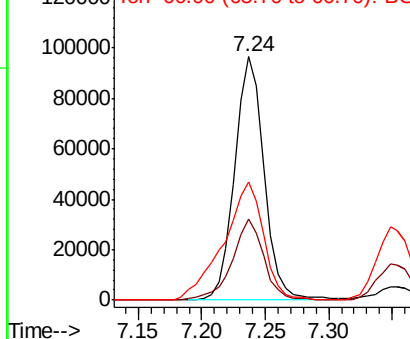
94 100

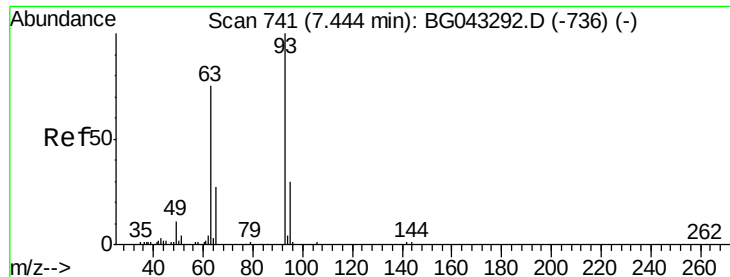
65 33.0 11.1 51.1

66 48.7 27.8 67.8



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





#11

bis(2-Chloroethyl)ether

Concen: 43.500 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

Instrument :

BNA_G

ClientSampleId :

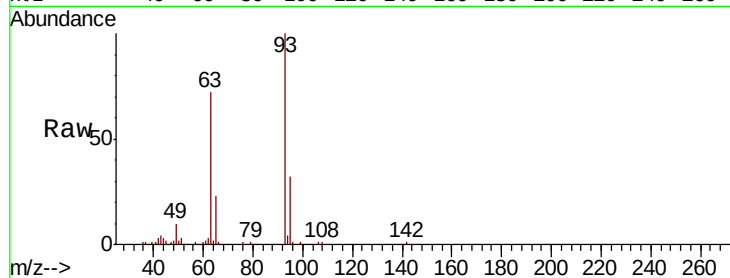
Tot Ion: 93 Resp: 95954

Ion Ratio Lower Upper

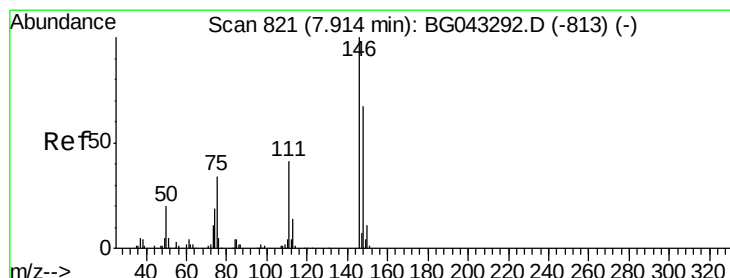
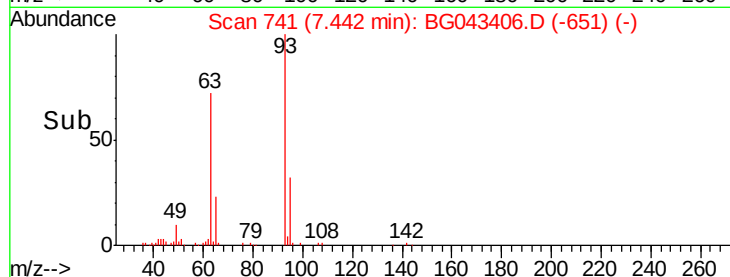
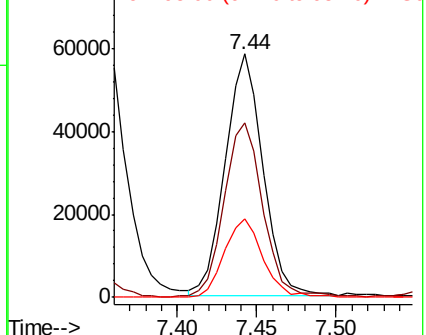
93 100

63 71.9 54.6 94.6

95 32.1 9.7 49.7



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



#12

1,3-Dichlorobenzene

Concen: 41.994 ng

RT: 7.91 min Scan# 821

Delta R.T. -0.00 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

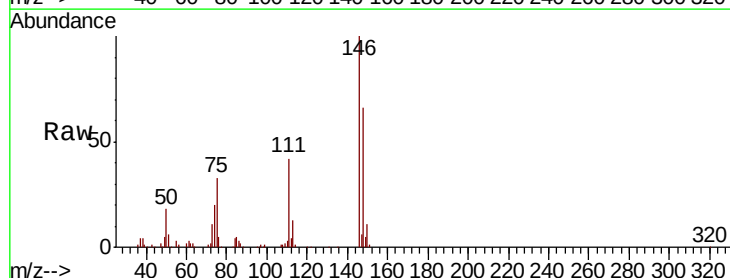
Tgt Ion: 146 Resp: 126040

Ion Ratio Lower Upper

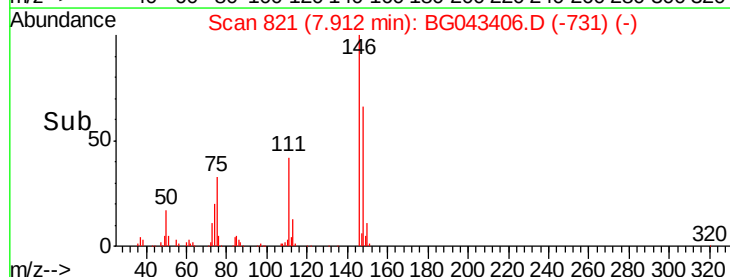
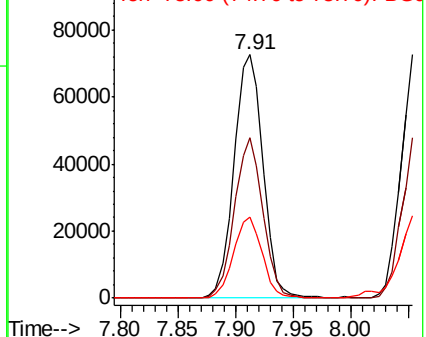
146 100

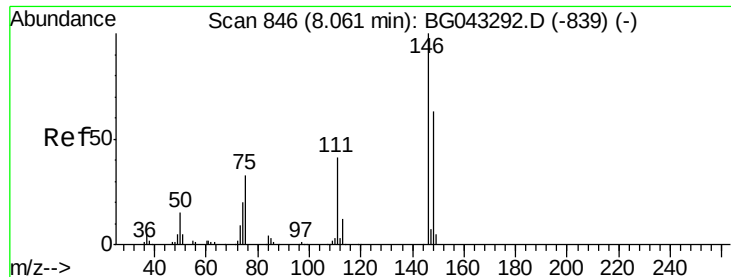
148 65.9 53.4 80.2

75 33.1 27.0 40.4



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

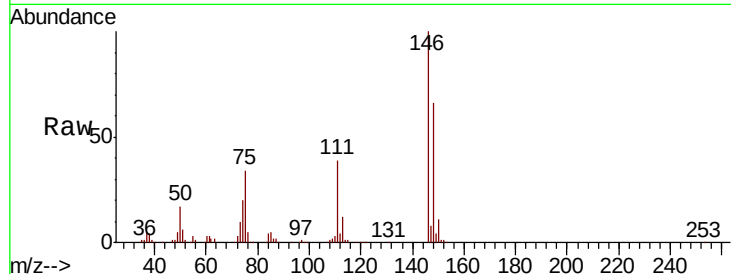




#13
 1,4-Dichlorobenzene
 Concen: 42.381 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BG043406.D
 Acq: 30 Oct 2019 18:37

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.7	76.1
111	39.0	33.0	49.6

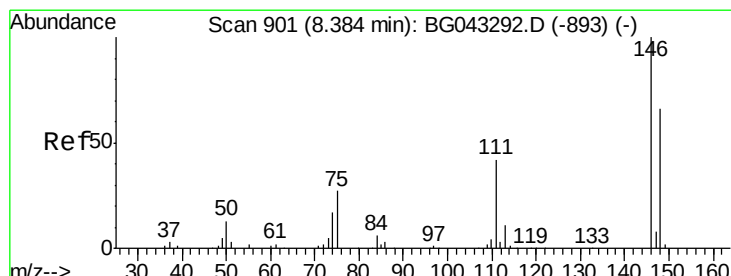
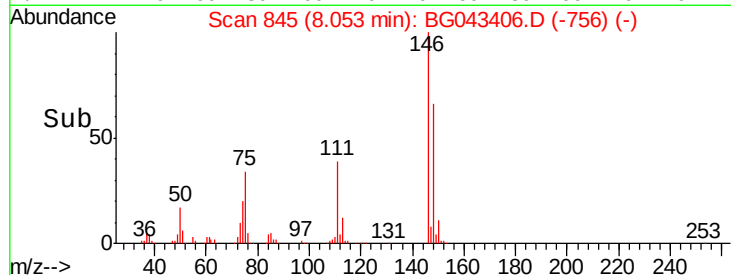
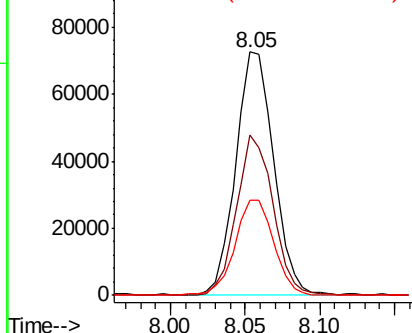


Abundance

Ion 146.00 (145.70 to 146.70): E

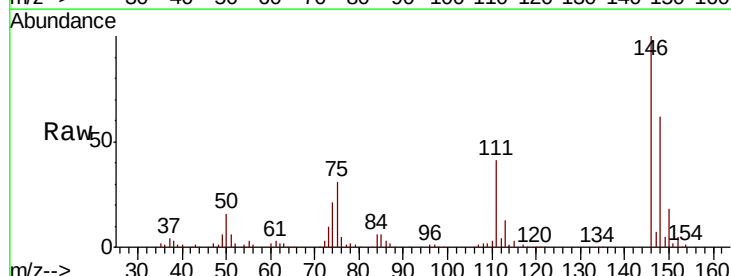
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 42.153 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG043406.D
 Acq: 30 Oct 2019 18:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	53.0	79.4
111	41.1	34.5	51.7

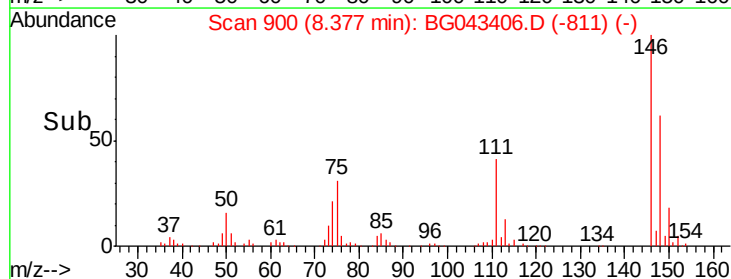
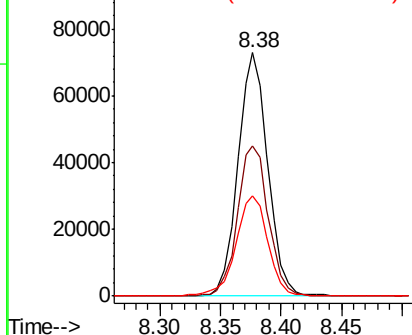


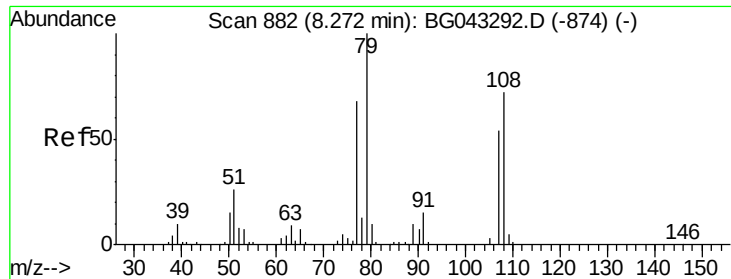
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.804 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

Instrument :

BNA_G

ClientSampleId :

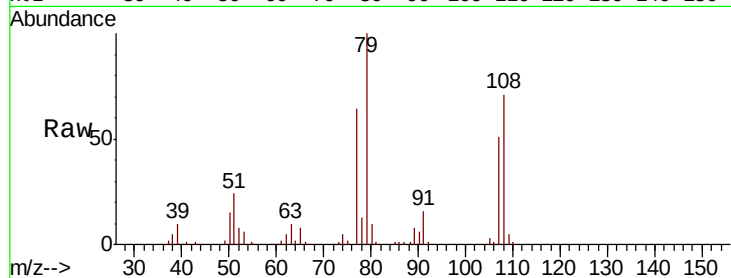
Tot Ion: 79 Resp: 104824

Ion Ratio Lower Upper

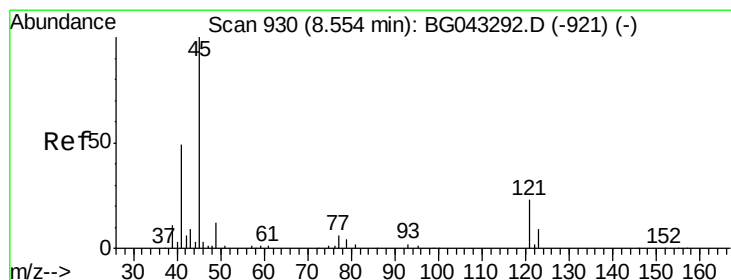
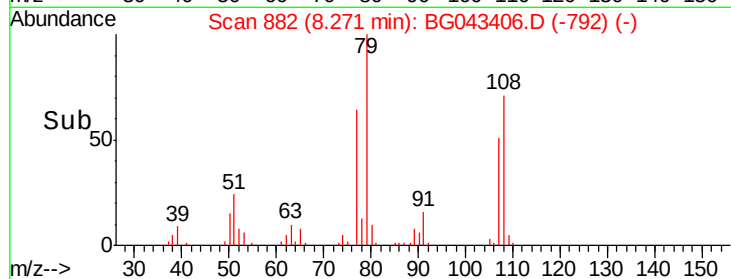
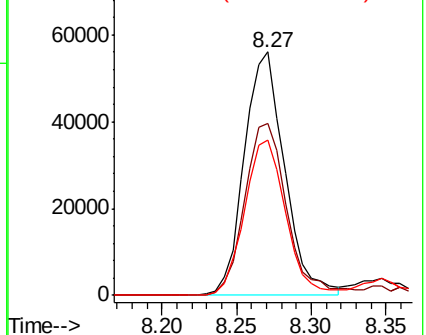
79 100

108 70.6 57.3 85.9

77 63.8 54.6 81.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.366 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

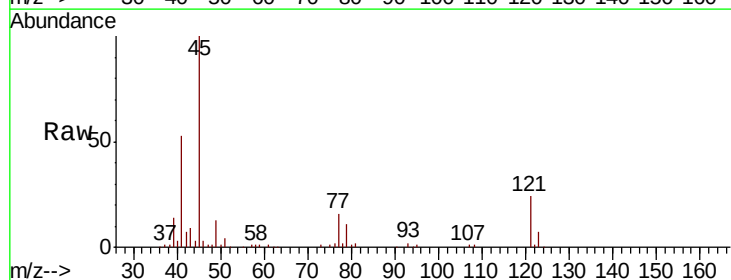
Tgt Ion: 45 Resp: 132682

Ion Ratio Lower Upper

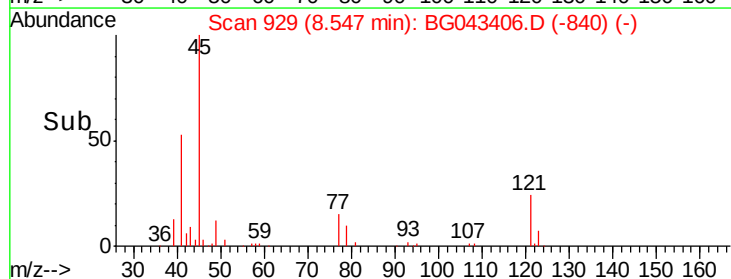
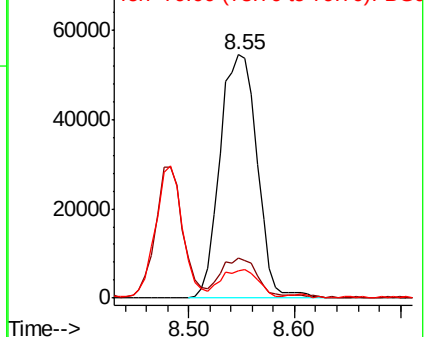
45 100

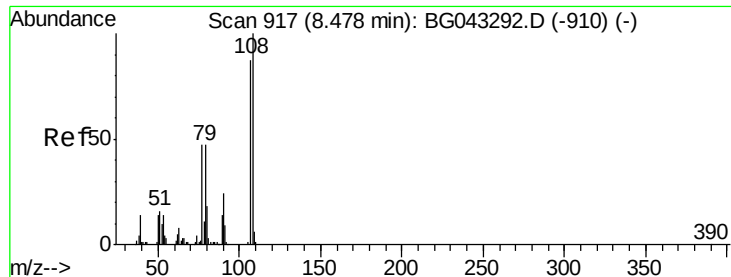
77 16.4 0.0 34.2

79 11.2 0.0 32.3



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: 48.477 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 100828

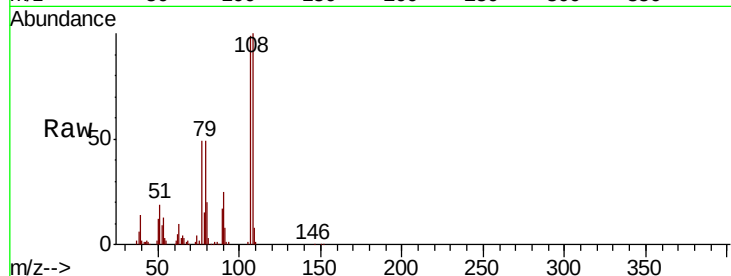
Ion Ratio Lower Upper

107 100

108 101.0 91.3 136.9

77 49.2 43.0 64.6

79 49.6 43.4 65.2

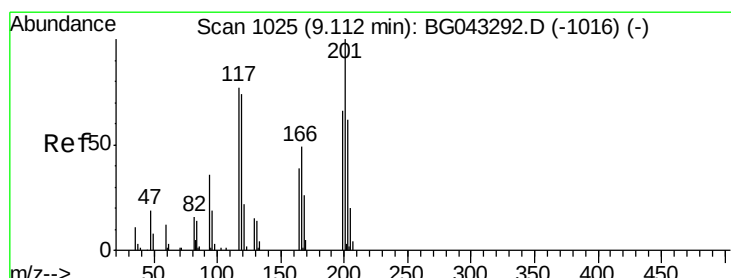
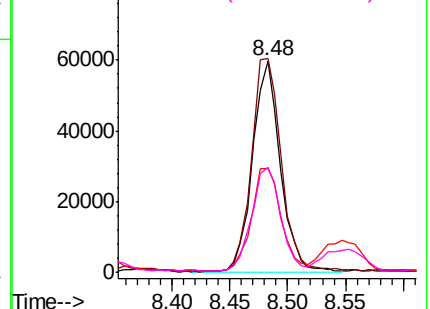
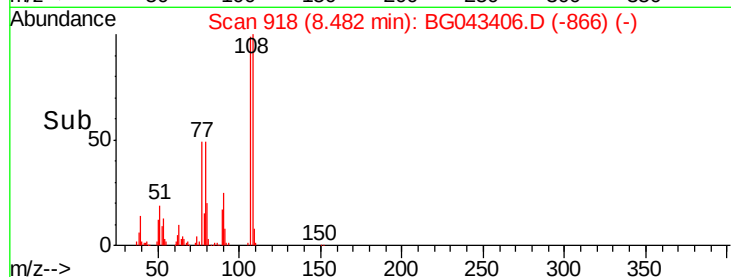


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.366 ng

RT: 9.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

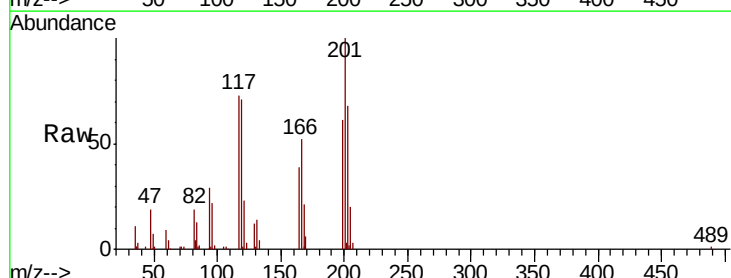
Tgt Ion:117 Resp: 45321

Ion Ratio Lower Upper

117 100

119 97.1 77.3 115.9

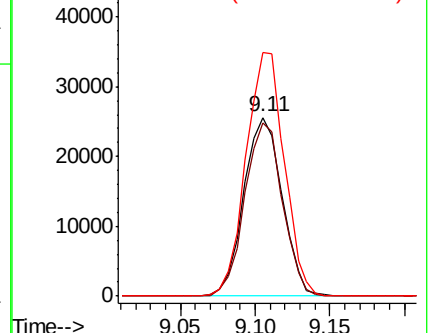
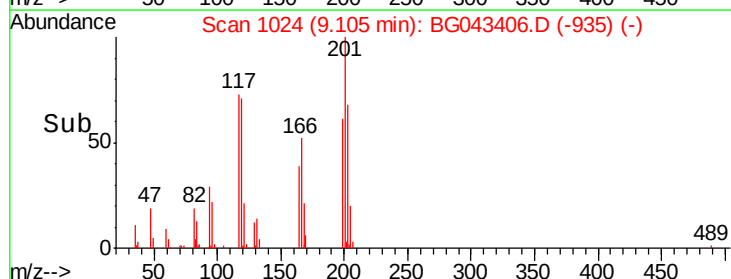
201 136.3 104.2 156.4

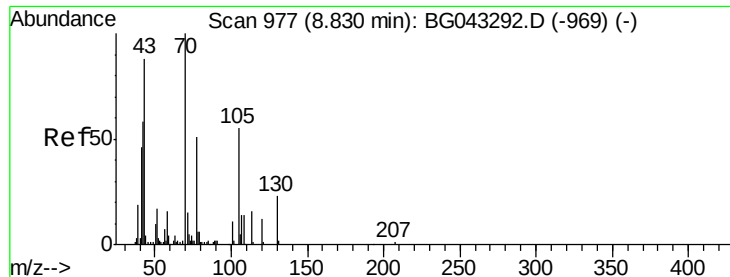


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

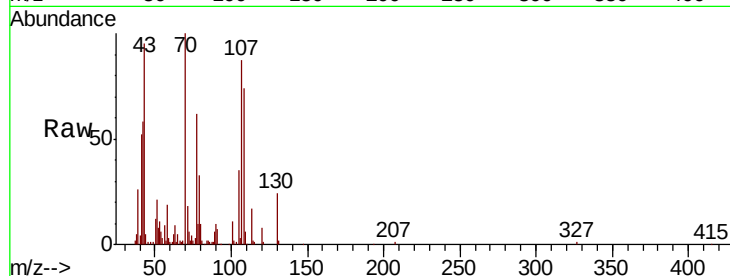




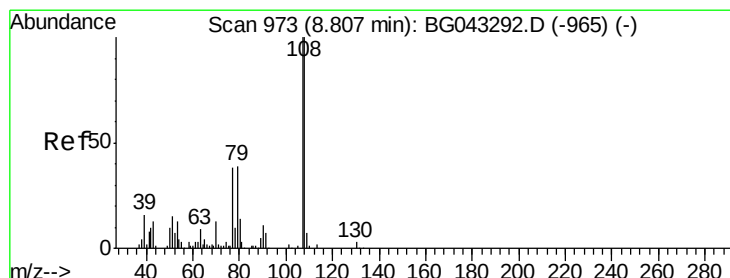
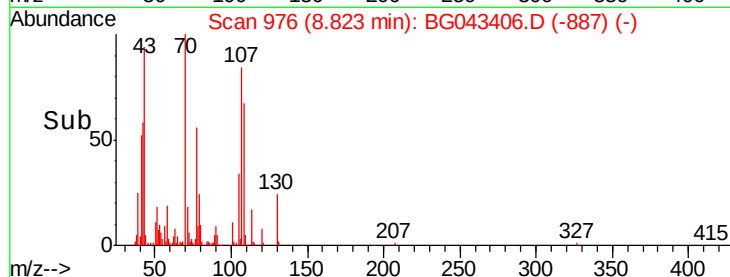
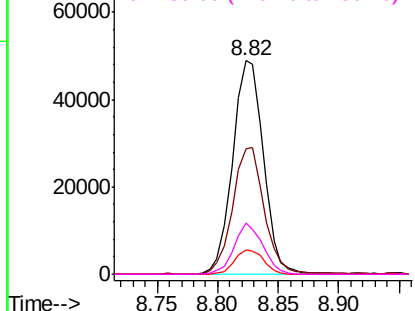
#19
n-Nitroso-di-n-propylamine
Concen: 43.239 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043406.D
Acq: 30 Oct 2019 18:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	87236
Ion	Ratio	Lower	Upper
70	100		
42	58.5	46.2	69.2
101	11.4	8.6	13.0
130	24.3	18.6	27.8

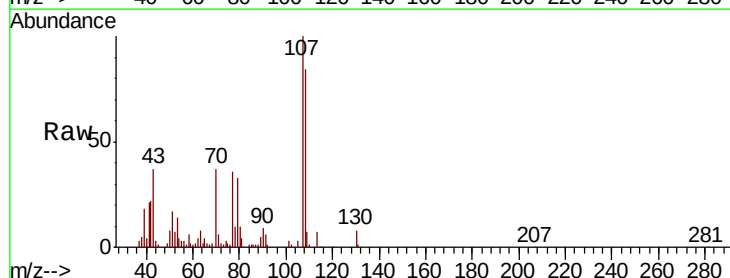


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

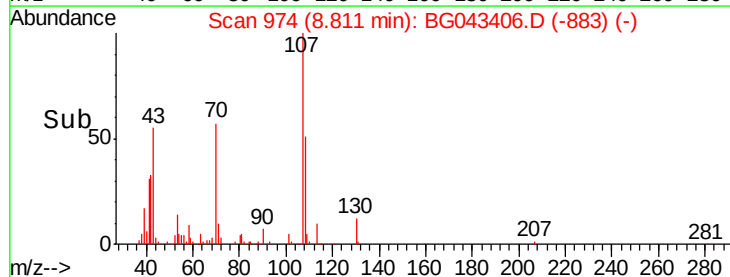
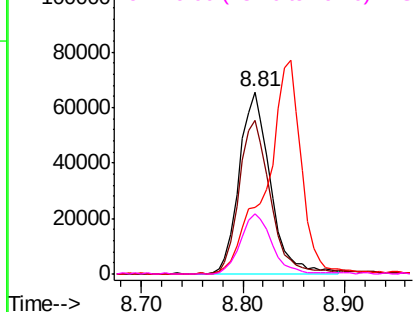


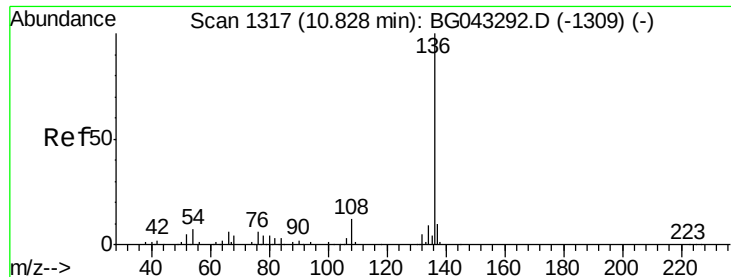
#20
3+4-Methylphenols
Concen: 48.884 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043406.D
Acq: 30 Oct 2019 18:37

Tgt Ion:	107	Resp:	139422
Ion	Ratio	Lower	Upper
107	100		
108	84.3	80.3	120.3
77	36.4	18.2	58.2
79	33.3	18.8	58.8



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

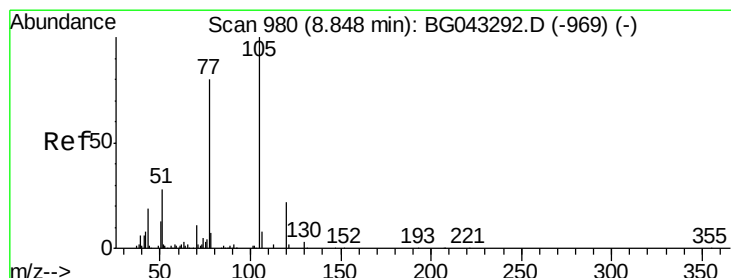
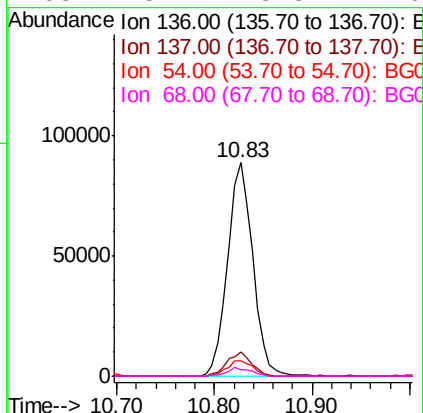
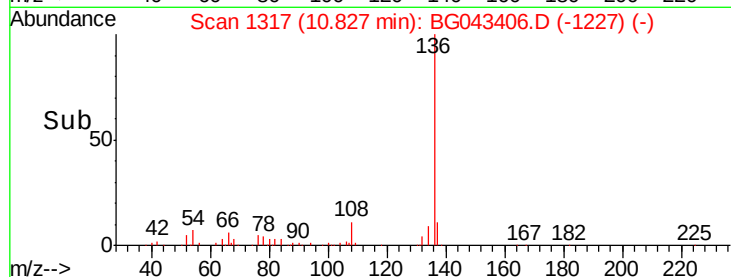
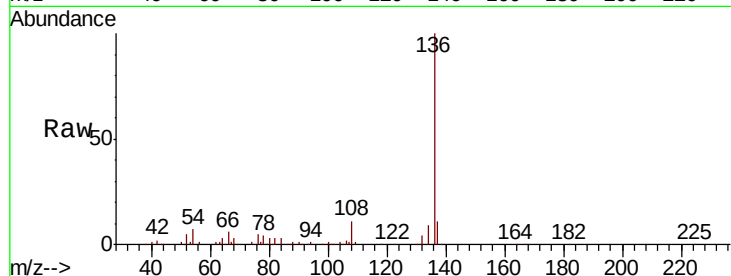




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043406.D
Acq: 30 Oct 2019 18:37

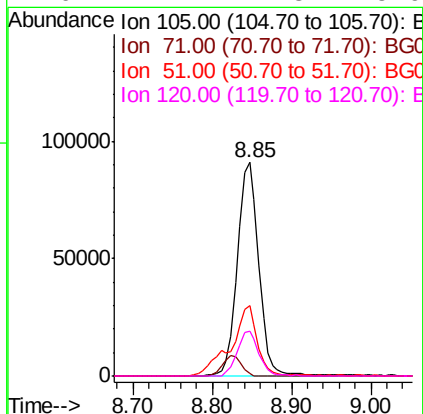
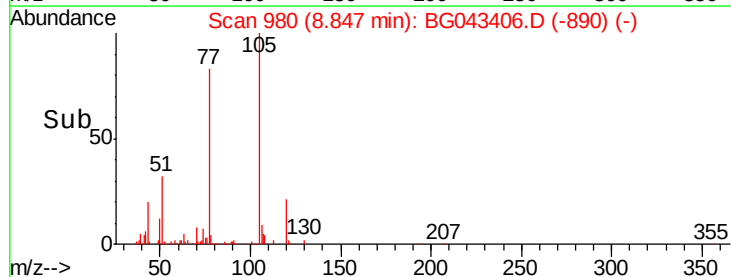
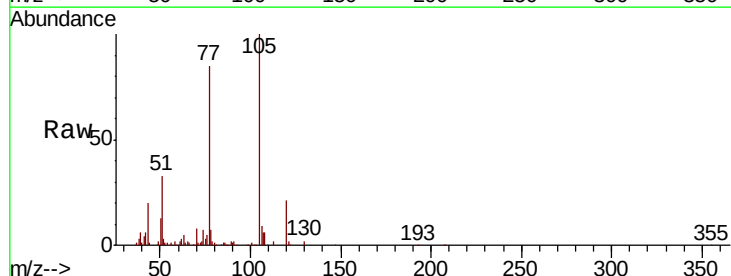
Instrument :
BNA_G
ClientSampleId :

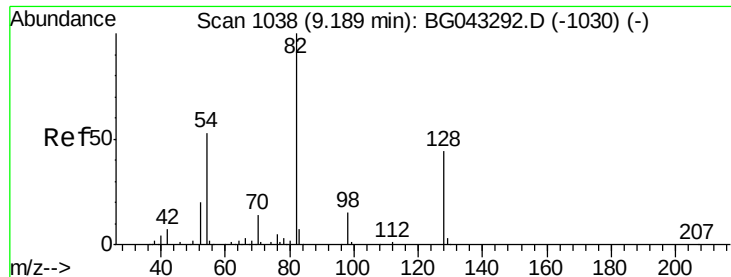
Tot Ion:136	Resp:	159961
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.2 12.2
54	7.2	5.4 8.2
68	3.2	3.3 4.9#



#22
Acetophenone
Concen: 41.589 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043406.D
Acq: 30 Oct 2019 18:37

Tgt Ion:105	Resp:	170365
Ion Ratio	Lower	Upper
105	100	
71	1.4	1.5 2.3#
51	33.2	23.9 35.9
120	21.2	17.3 25.9

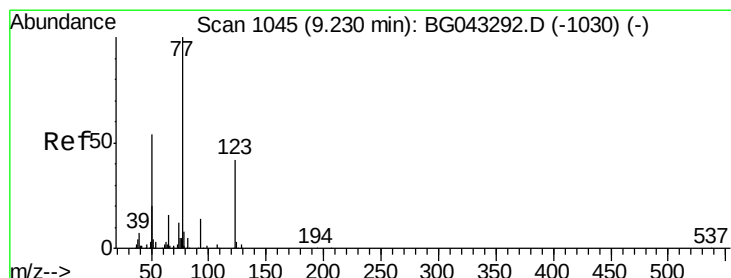
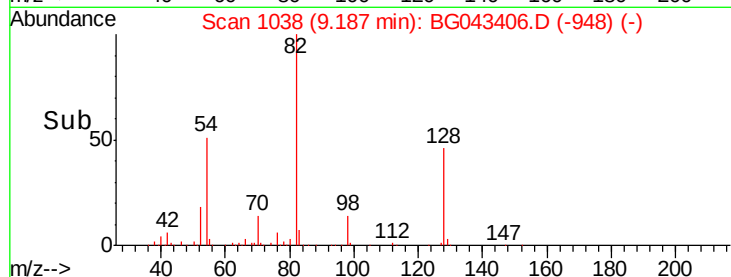
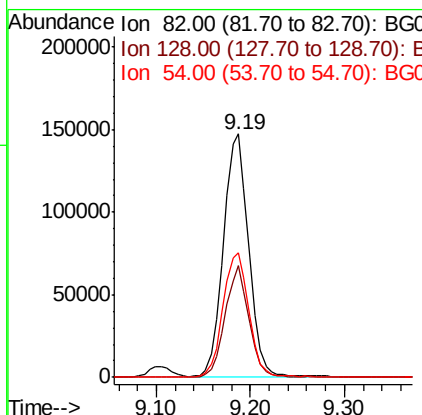
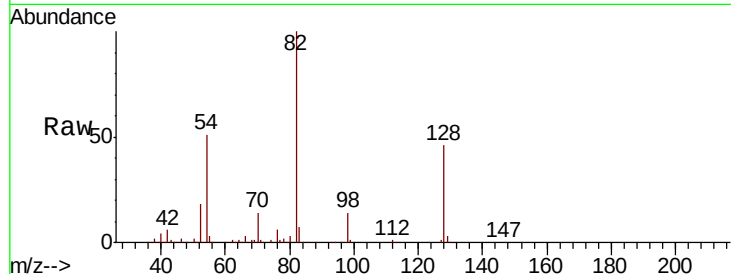




#23
 Nitrobenzene-d5
 Concen: 88.449 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043406.D
 Acq: 30 Oct 2019 18:37

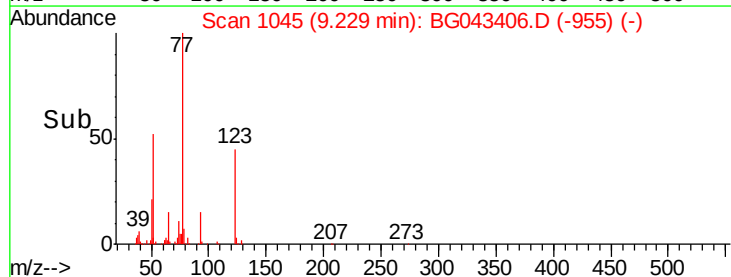
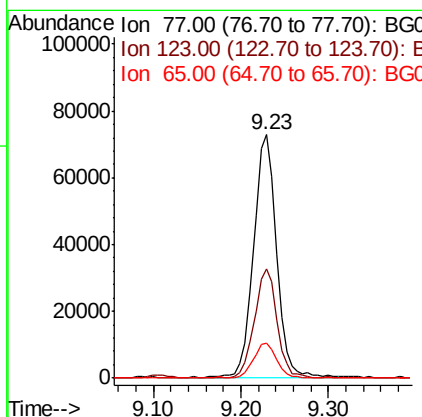
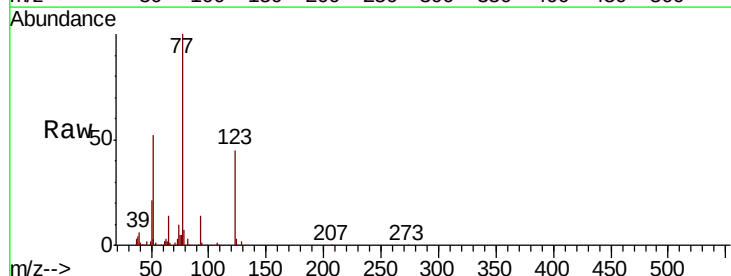
Instrument :
 BNA_G
 ClientSampleId :

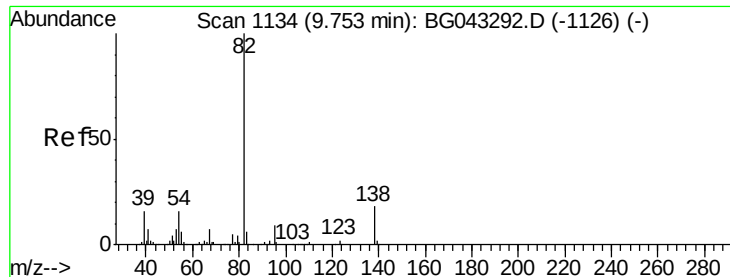
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	35.3	52.9
54	51.2	42.3	63.5



#24
 Nitrobenzene
 Concen: 44.394 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043406.D
 Acq: 30 Oct 2019 18:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.0	33.8	50.8
65	14.5	13.0	19.4





#25

Isophorone

Concen: 43.851 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

Instrument :

BNA_G

ClientSampleId :

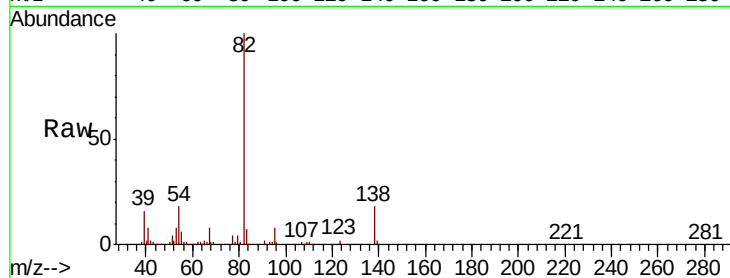
Tot Ion: 82 Resp: 248754

Ion Ratio Lower Upper

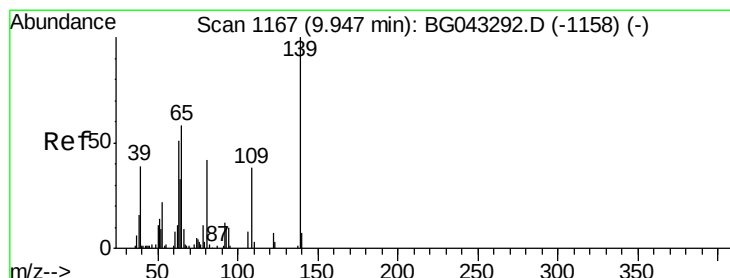
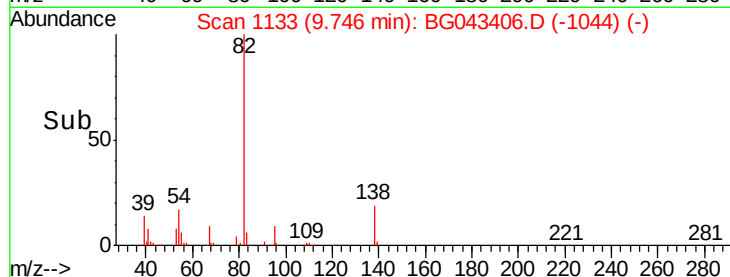
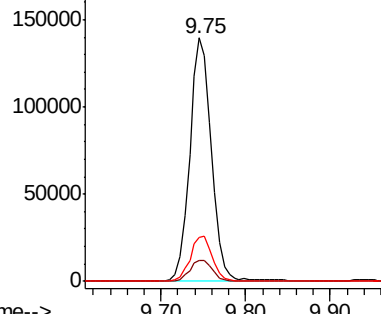
82 100

95 8.4 6.9 10.3

138 18.1 14.2 21.2



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: 47.645 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

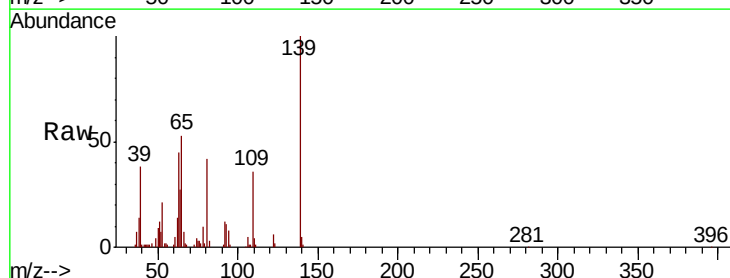
Tgt Ion: 139 Resp: 67988

Ion Ratio Lower Upper

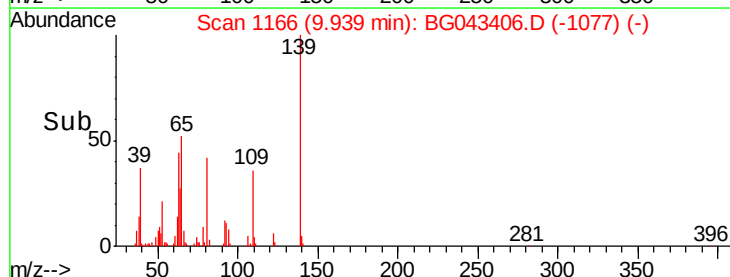
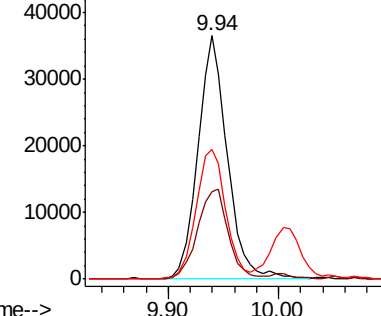
139 100

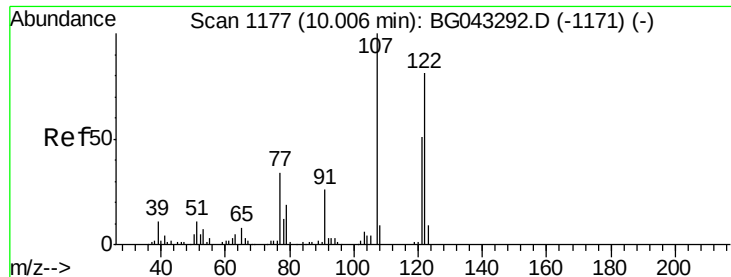
109 36.0 30.1 45.1

65 53.2 46.1 69.1



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

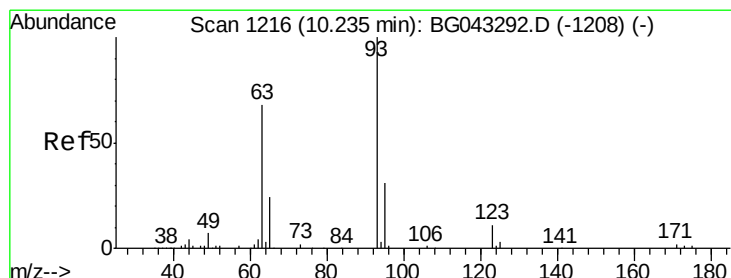
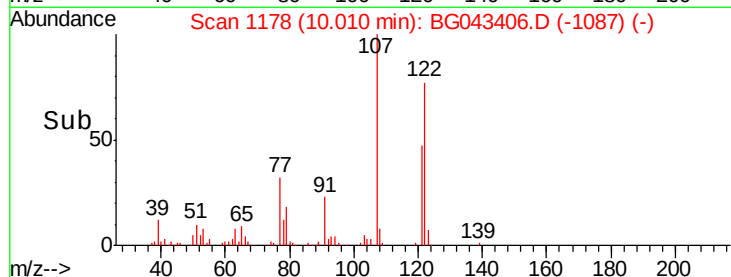
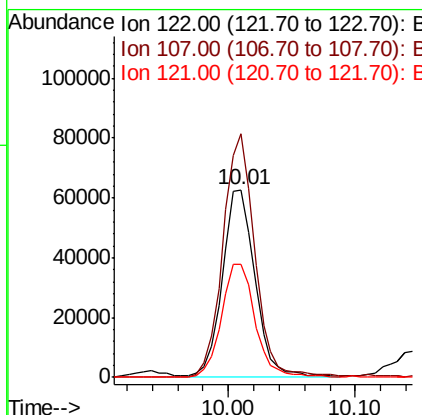
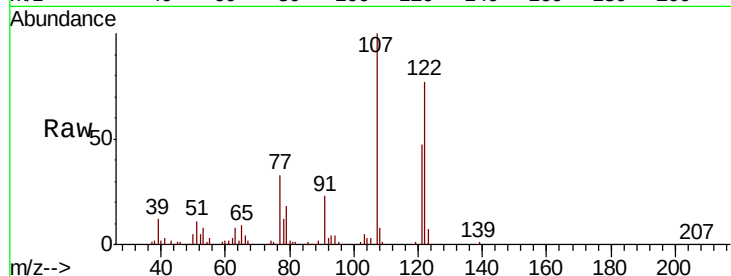




#27
2,4-Dimethylphenol
Concen: 53.787 ng
RT: 10.01 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BG043406.D
Acq: 30 Oct 2019 18:37

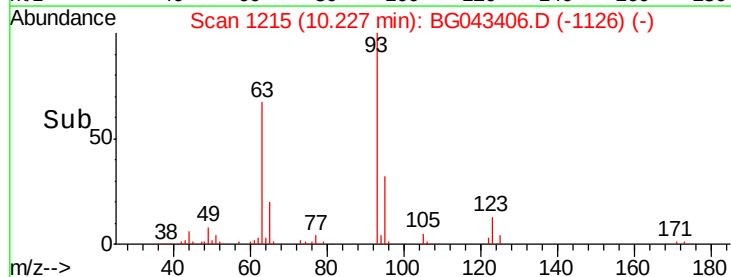
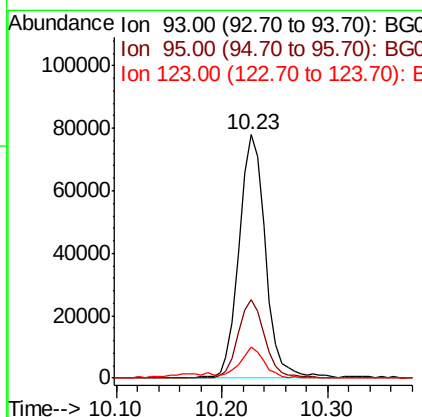
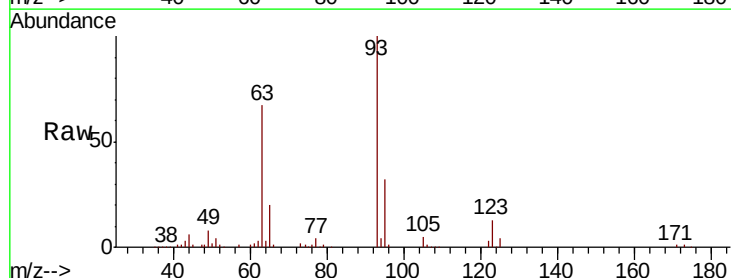
Instrument :
BNA_G
ClientSampled :

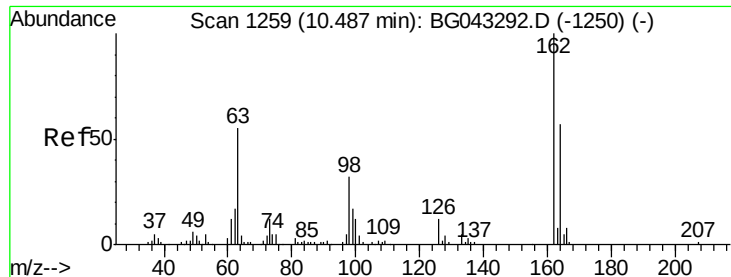
Tot Ion:122 Resp: 110008
Ion Ratio Lower Upper
122 100
107 129.6 98.6 147.8
121 60.5 50.1 75.1



#28
bis(2-Chloroethoxy)methane
Concen: 42.955 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BG043406.D
Acq: 30 Oct 2019 18:37

Tgt Ion: 93 Resp: 134485
Ion Ratio Lower Upper
93 100
95 32.5 24.9 37.3
123 12.8 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 50.537 ng

RT: 10.49 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

Instrument :

BNA_G

ClientSampleId :

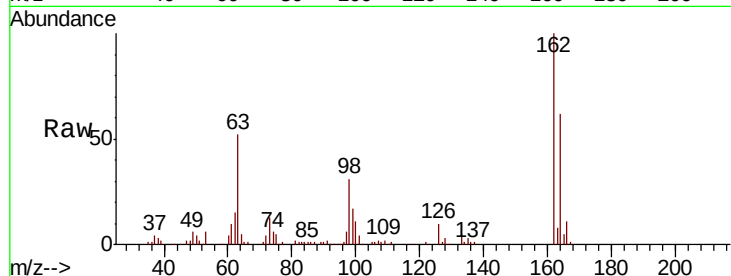
Tot Ion:162 Resp: 132432

Ion Ratio Lower Upper

162 100

164 61.8 37.3 77.3

98 31.4 11.8 51.8

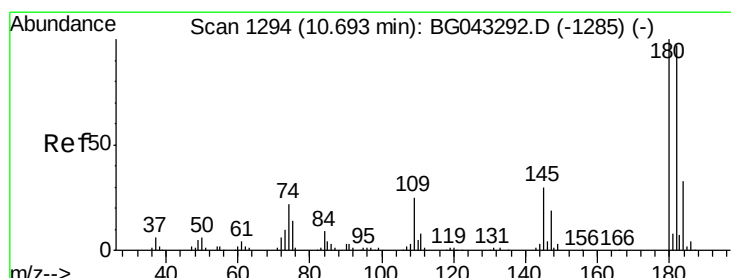
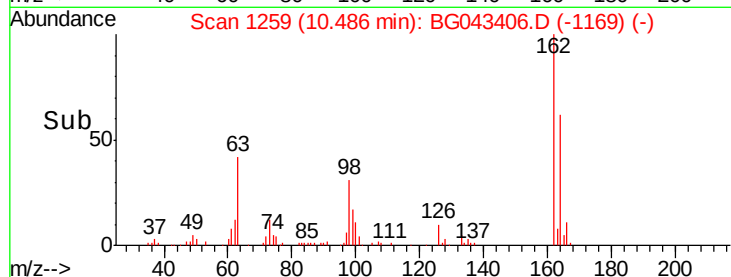
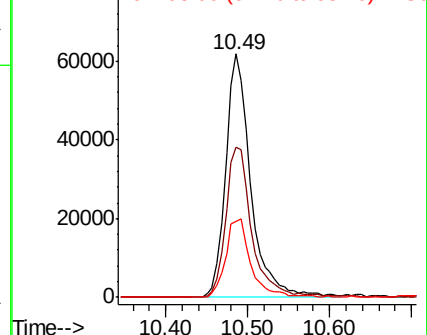


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 43.784 ng

RT: 10.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

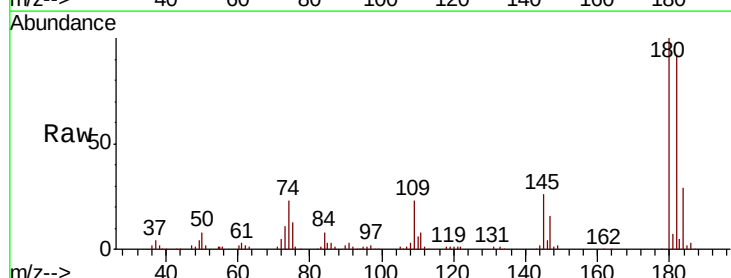
Tgt Ion:180 Resp: 144609

Ion Ratio Lower Upper

180 100

182 91.6 77.8 116.8

145 25.8 23.6 35.4

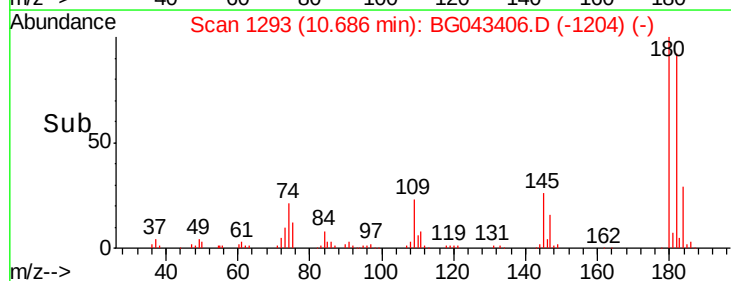
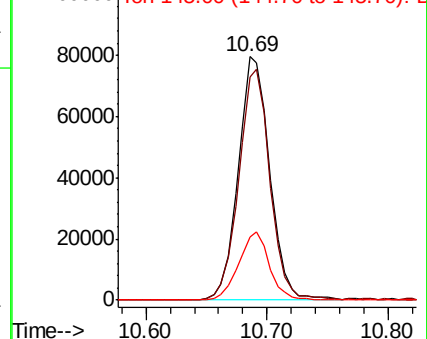


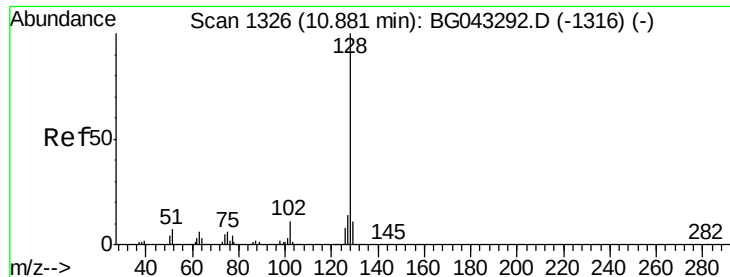
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

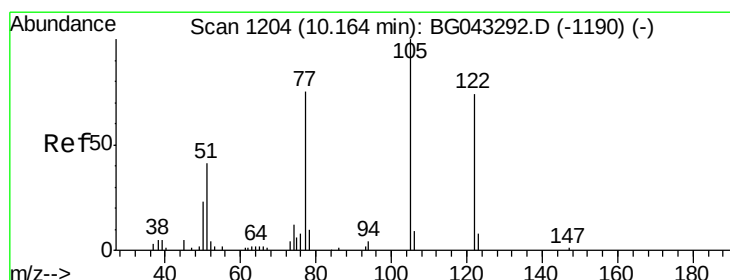
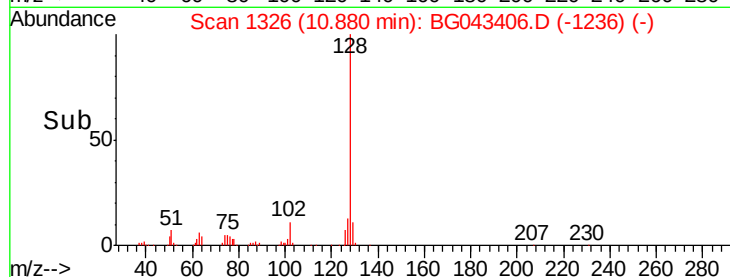
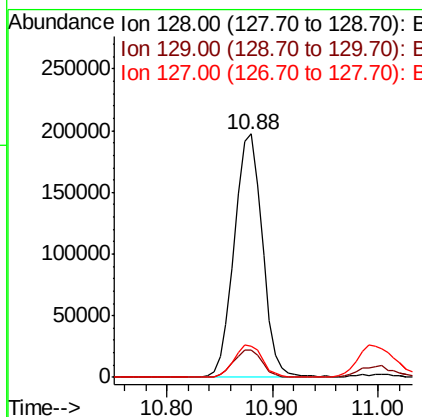
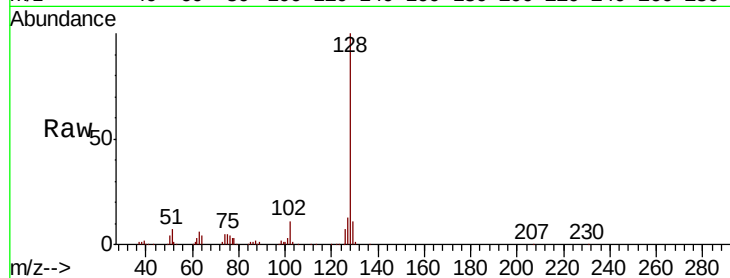




#31
Naphthalene
Concen: 44.863 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043406.D
Acq: 30 Oct 2019 18:37

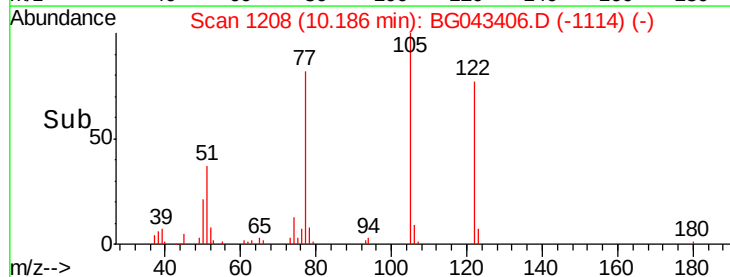
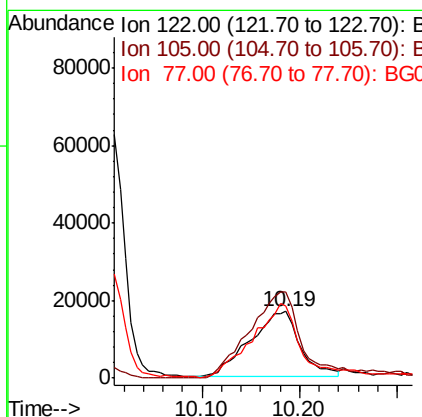
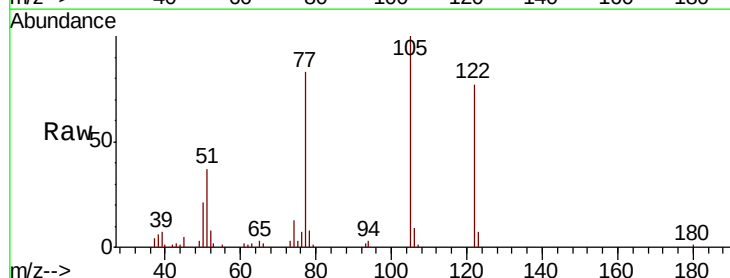
Instrument :
BNA_G
ClientSampled :

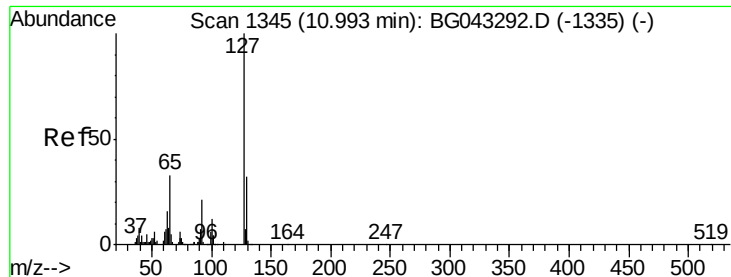
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	12.7	11.5	17.3



#32
Benzoic acid
Concen: 40.420 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.02 min
Lab File: BG043406.D
Acq: 30 Oct 2019 18:37

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.4	112.4	152.4
77	107.8	82.7	122.7

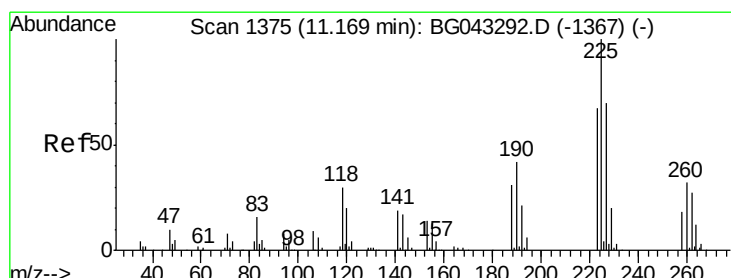
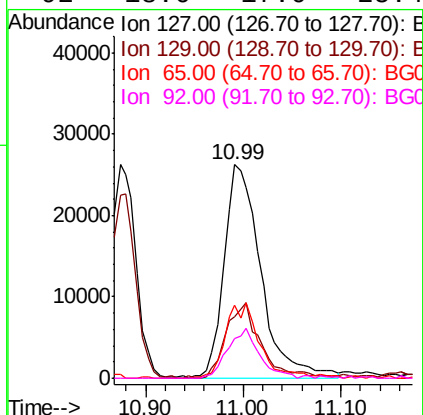
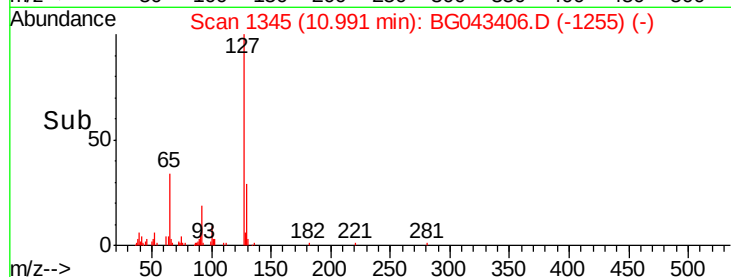
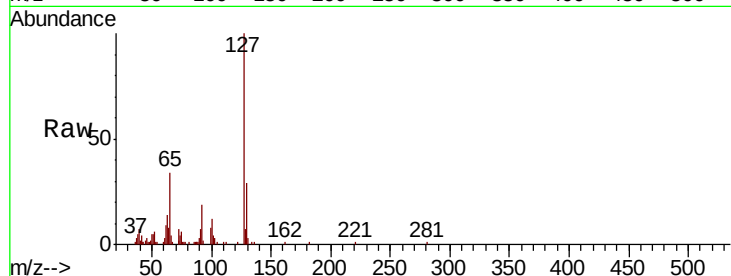




#33
4-Chloroaniline
Concen: 20.641 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG043406.D
Acq: 30 Oct 2019 18:37

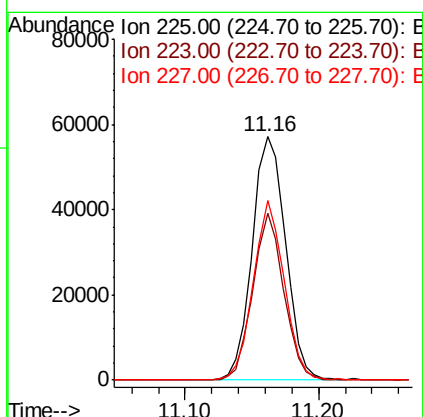
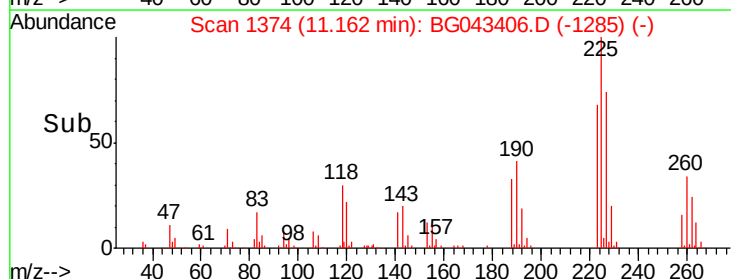
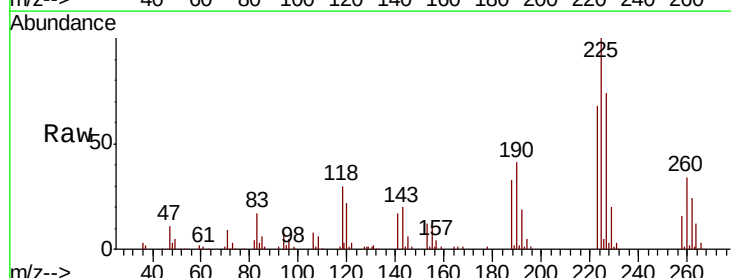
Instrument :
BNA_G
ClientSampleId :

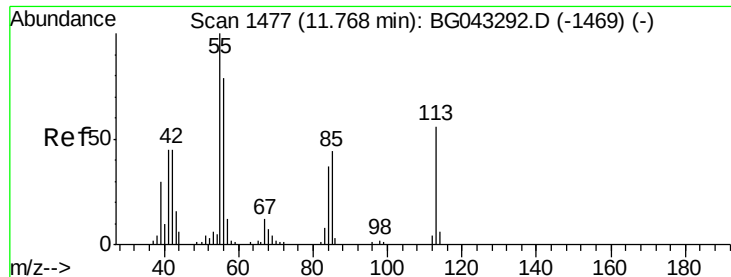
Tot Ion:127	Resp:	68700
Ion Ratio	Lower	Upper
127	100	
129	28.8	25.8 38.8
65	34.1	26.2 39.2
92	18.6	17.0 25.4



#34
Hexachlorobutadiene
Concen: 40.371 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG043406.D
Acq: 30 Oct 2019 18:37

Tgt Ion:225	Resp:	98566
Ion Ratio	Lower	Upper
225	100	
223	68.3	53.2 79.8
227	73.5	56.2 84.2





#35

Caprolactam

Concen: 21.945 ng

RT: 11.76 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

Instrument :

BNA_G

ClientSampled :

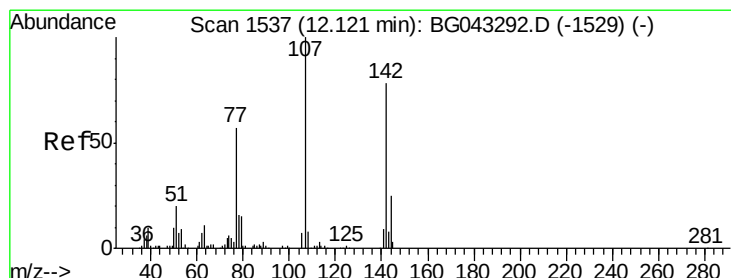
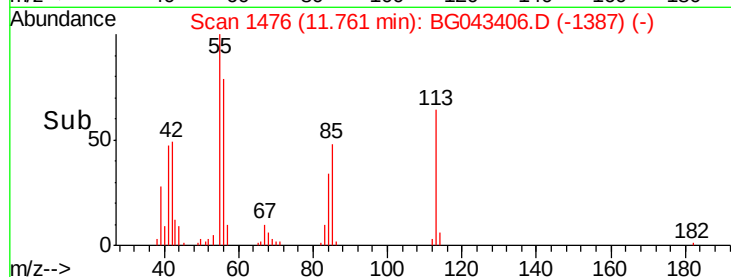
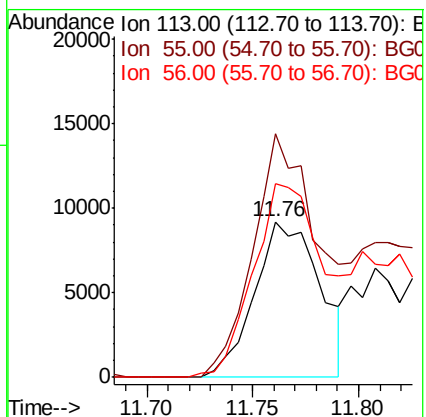
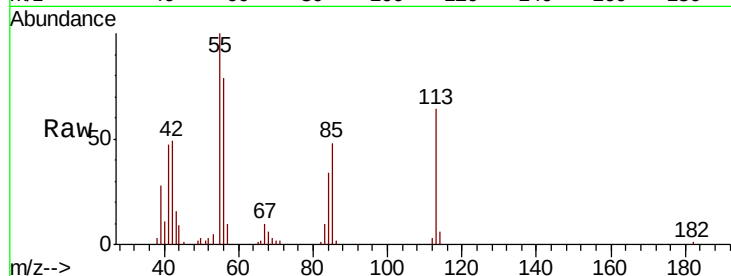
Tot Ion:113 Resp: 19806

Ion Ratio Lower Upper

113 100

55 156.2 158.9 198.9#

56 124.1 121.4 161.4



#36

4-Chloro-3-methylphenol

Concen: 47.433 ng

RT: 12.13 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

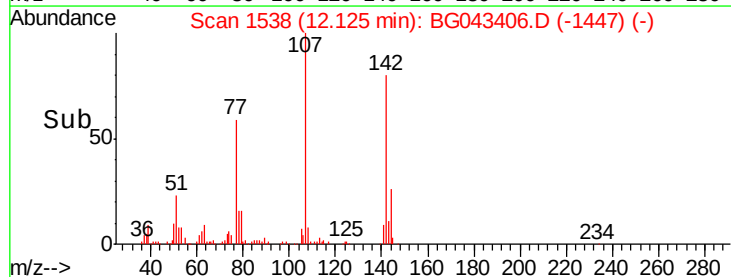
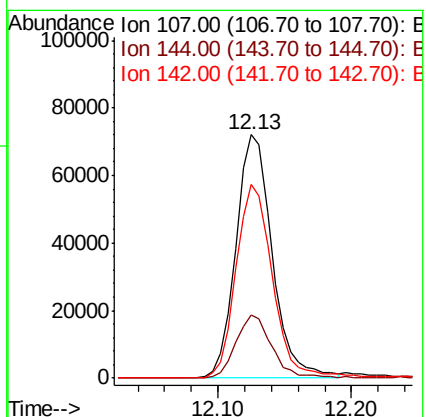
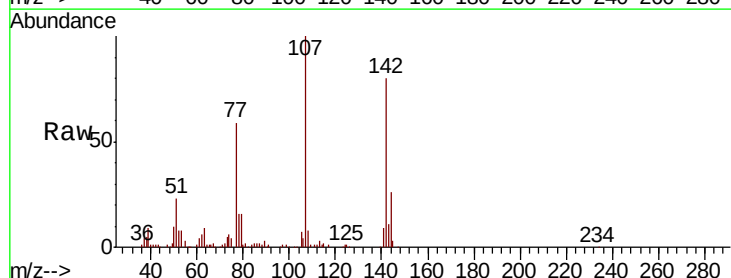
Tgt Ion:107 Resp: 135583

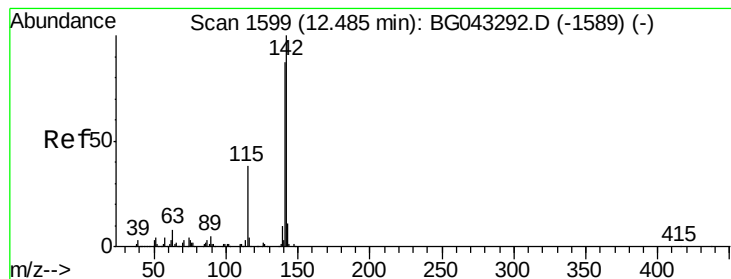
Ion Ratio Lower Upper

107 100

144 26.1 19.9 29.9

142 79.7 62.1 93.1





#37

2-Methylnaphthalene

Concen: 45.767 ng

RT: 12.48 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

Instrument :

BNA_G

ClientSampleId :

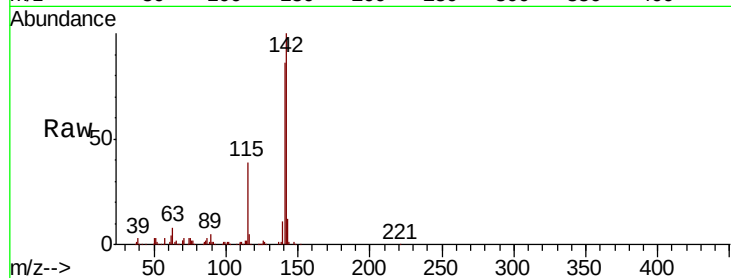
Tot Ion:142 Resp: 285127

Ion Ratio Lower Upper

142 100

141 86.2 69.7 104.5

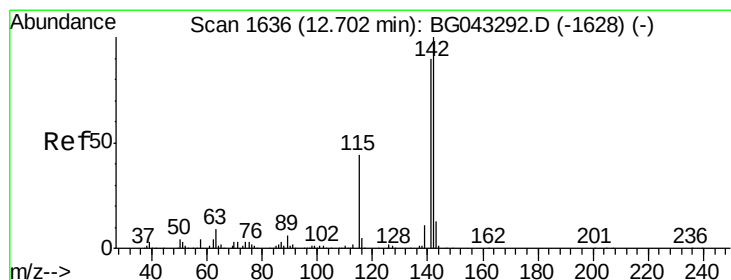
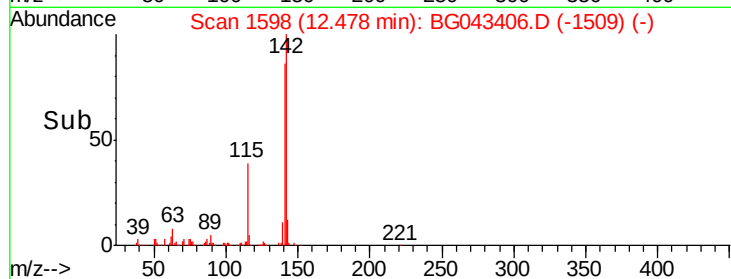
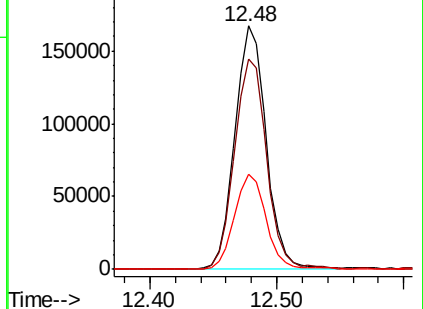
115 39.3 30.6 46.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.382 ng

RT: 12.70 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

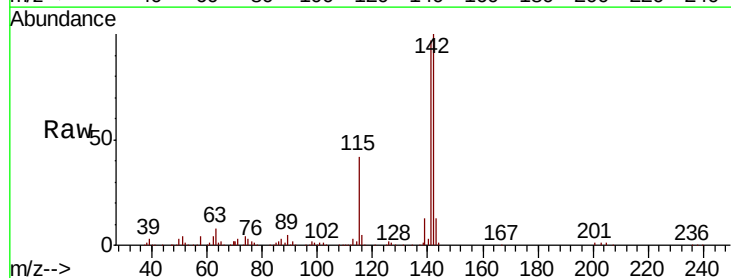
Tgt Ion:142 Resp: 269007

Ion Ratio Lower Upper

142 100

141 97.0 72.3 108.5

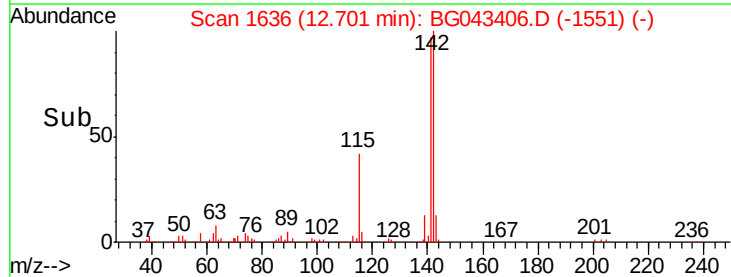
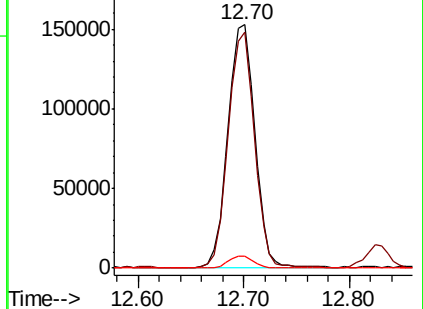
116 4.7 3.8 5.6

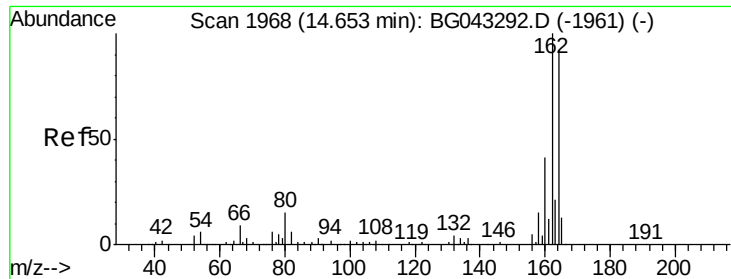


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043406.D

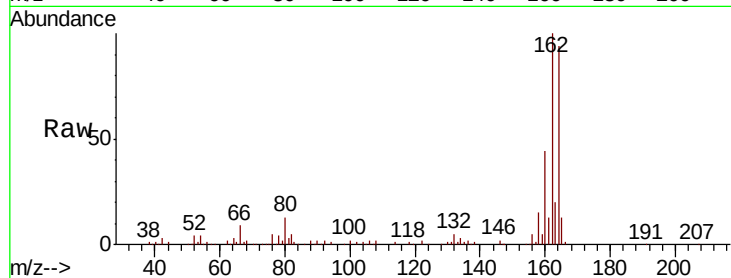
Acq: 30 Oct 2019 18:37

Instrument :

BNA_G

ClientSampleId :

Tot Ion:164	Resp:	115154
Ion Ratio	Lower	Upper
164	100	
162	106.4	87.0 130.4
160	46.5	35.5 53.3

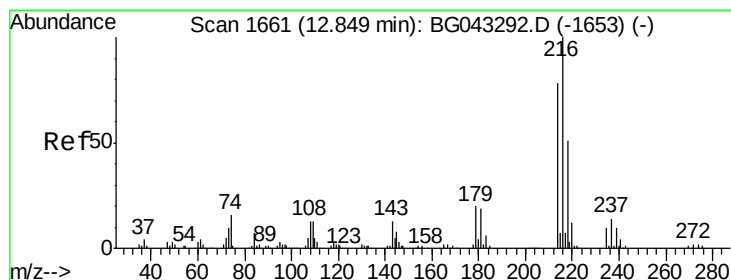
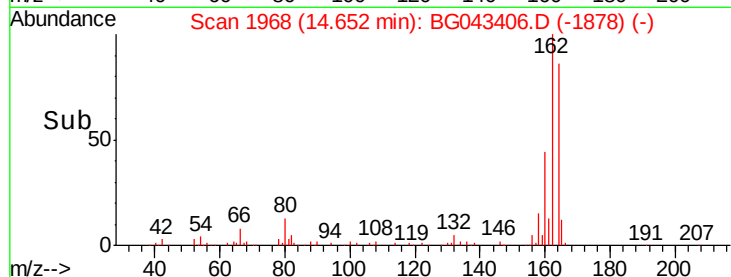
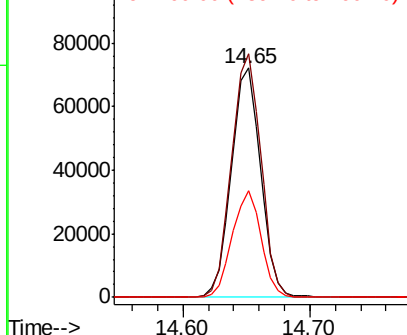


Abundance

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: 42.788 ng

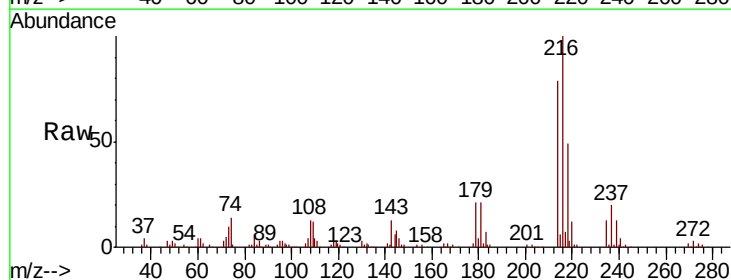
RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

Tgt Ion:216	Resp:	182348
Ion Ratio	Lower	Upper
216	100	
214	78.3	63.5 95.3
179	20.0	16.2 24.2
108	16.3	11.2 16.8



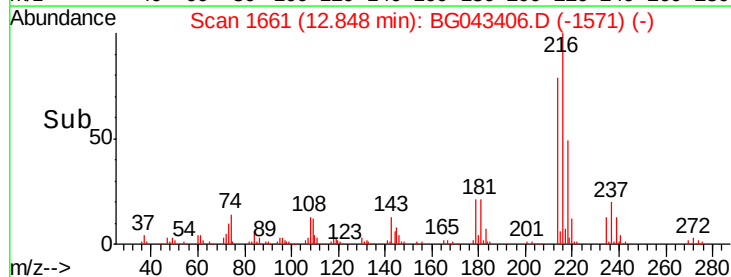
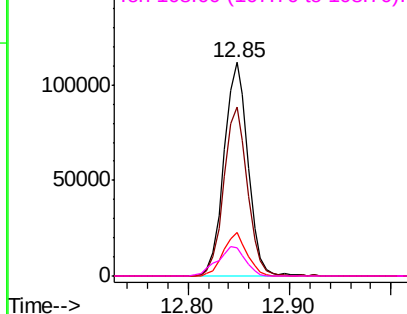
Abundance

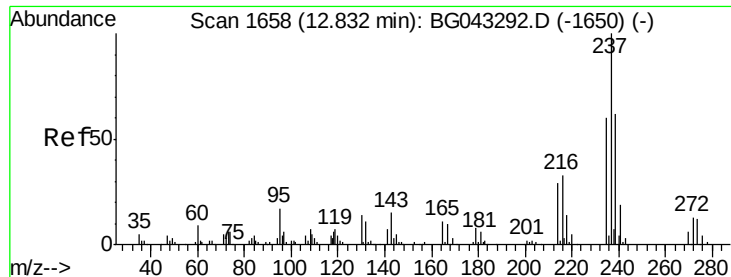
Ion 216.00 (215.70 to 216.70): E

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

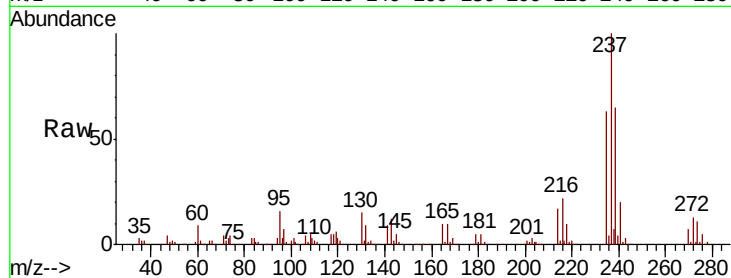




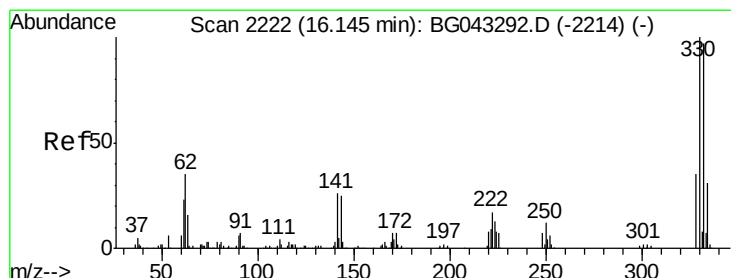
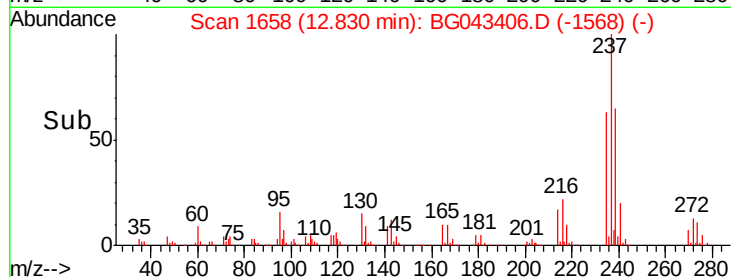
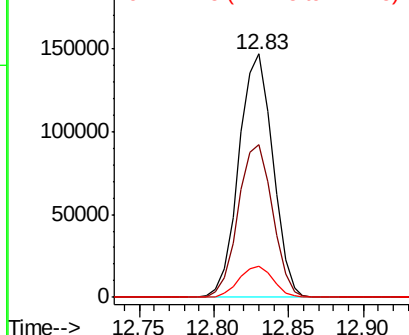
#41
Hexachlorocyclopentadiene
Concen: 103.577 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BG043406.D
Acq: 30 Oct 2019 18:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.0	40.3	80.3
272	12.7	0.0	32.9

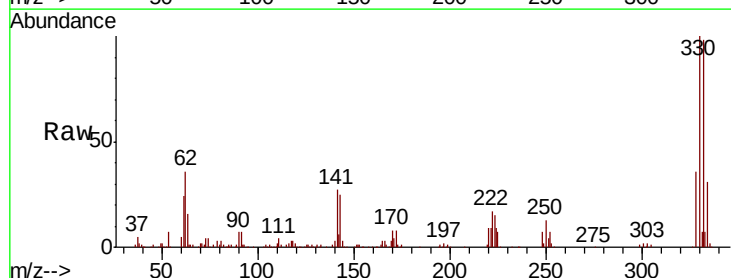


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

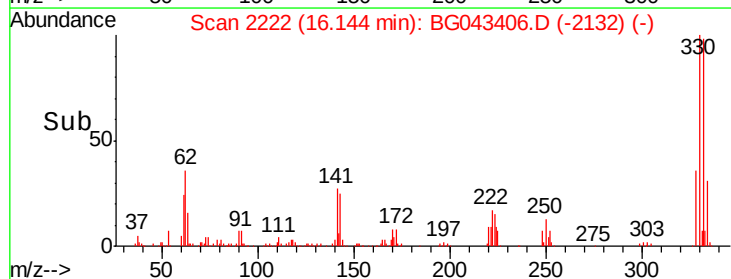
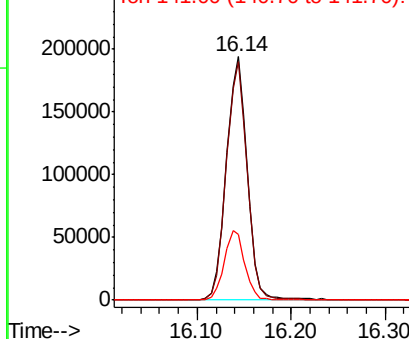


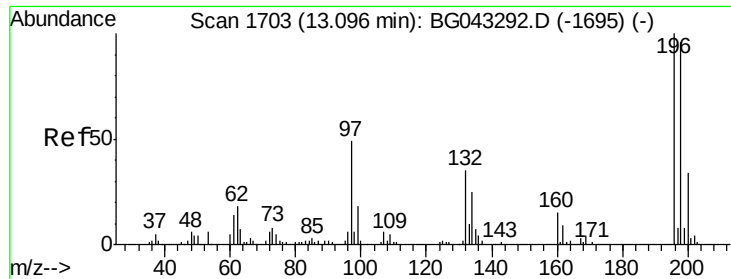
#42
2,4,6-Tribromophenol
Concen: 137.156 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG043406.D
Acq: 30 Oct 2019 18:37

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.4	114.6
141	28.5	21.4	32.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

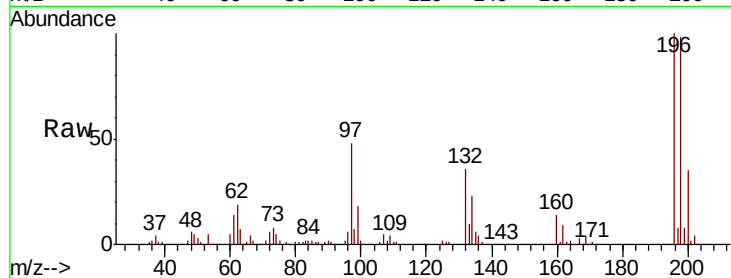




#43
 2,4,6-Trichlorophenol
 Concen: 48.771 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043406.D
 Acq: 30 Oct 2019 18:37

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	122403
Ion Ratio	Lower	Upper	
196	100		
198	98.1	77.0	115.4
200	34.7	27.4	41.2

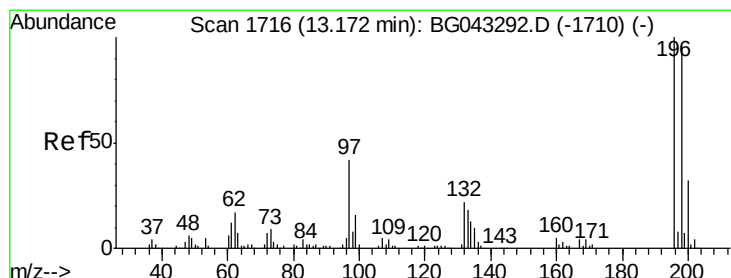
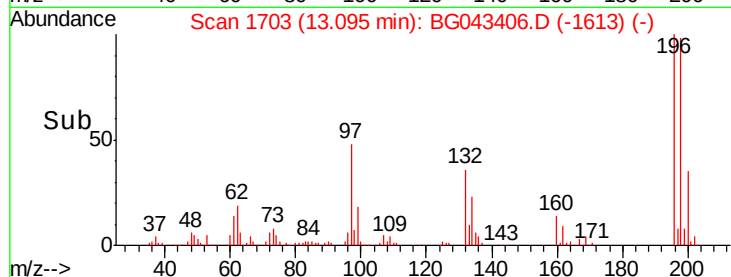
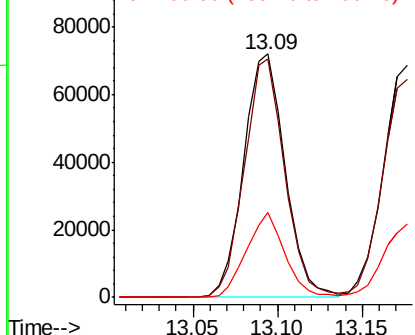


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 51.689 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG043406.D
 Acq: 30 Oct 2019 18:37

Tgt Ion	196	Resp	131151
Ion Ratio	Lower	Upper	
196	100		
198	94.1	76.6	114.8
97	43.0	34.1	51.1
132	22.8	18.2	27.4

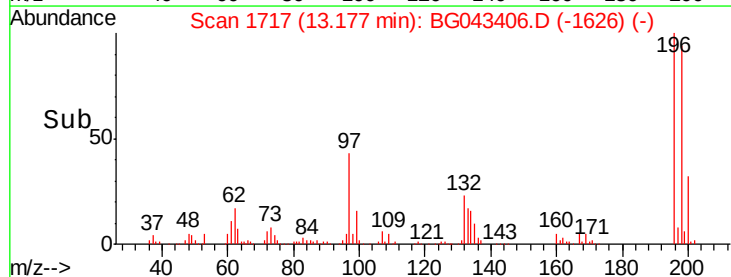
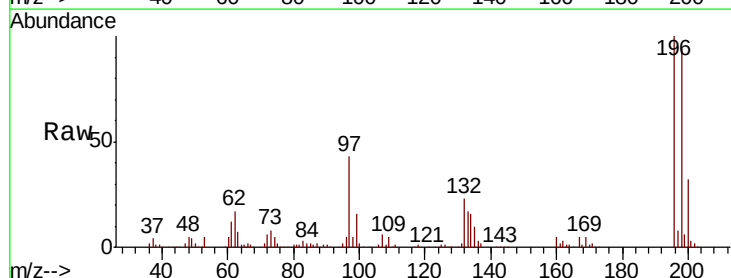
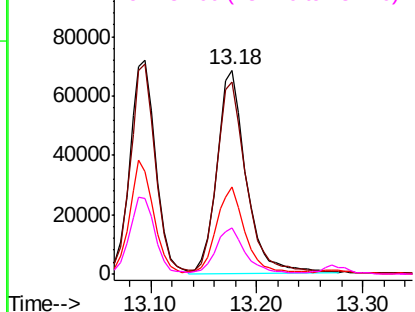
Abundance

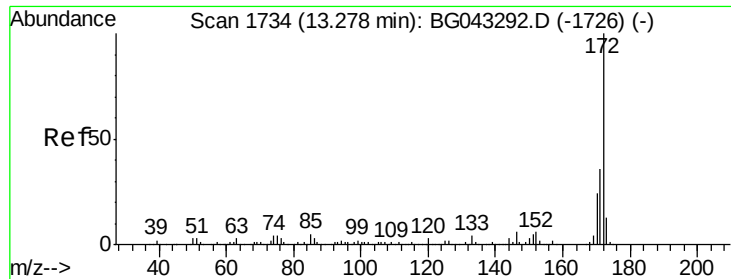
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

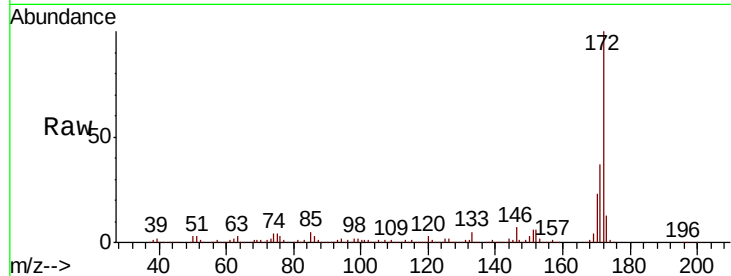




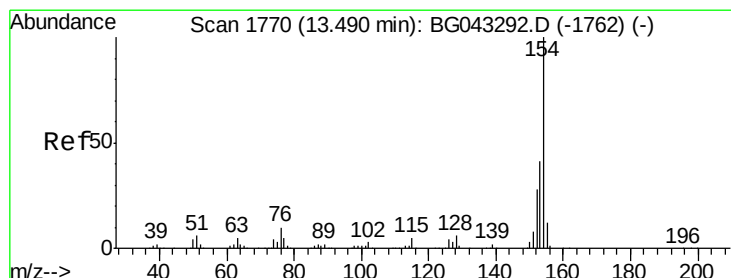
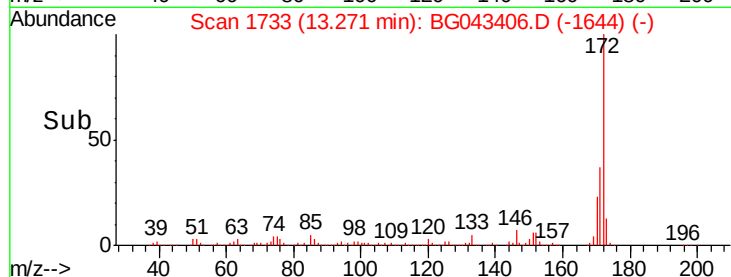
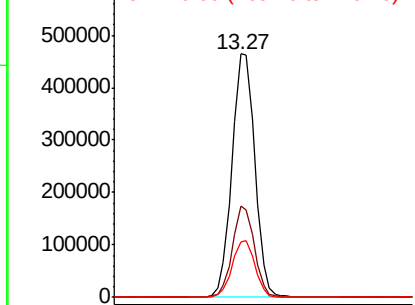
#45
2-Fluorobiphenyl
Concen: 90.813 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043406.D
Acq: 30 Oct 2019 18:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 756803
Ion Ratio Lower Upper
172 100
171 37.4 28.5 42.7
170 23.0 18.8 28.2

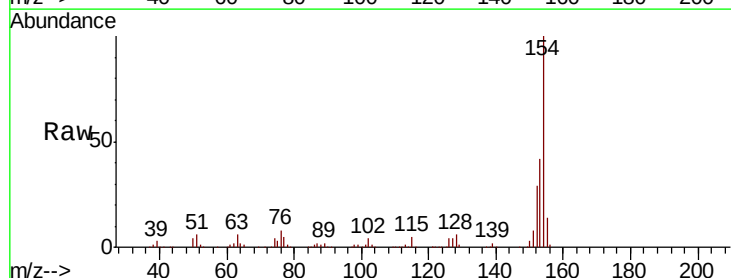


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

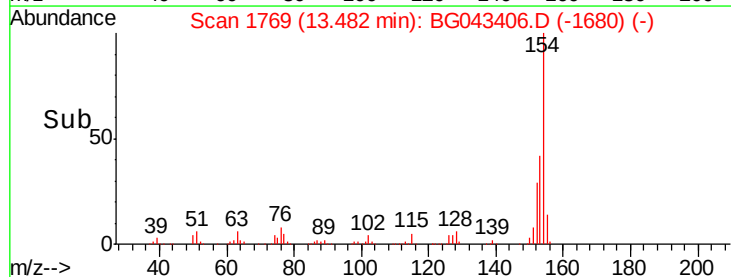
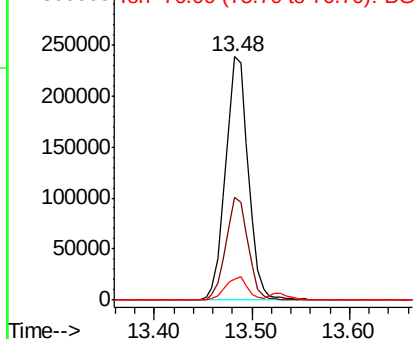


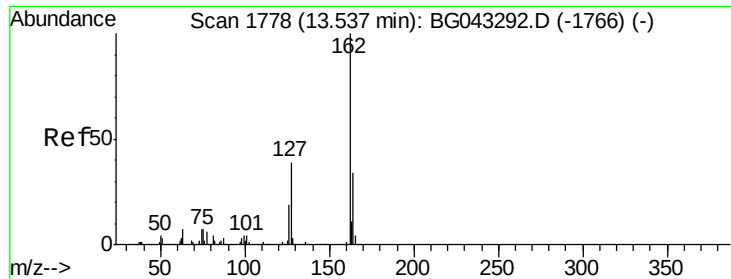
#46
1,1'-Biphenyl
Concen: 43.904 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG043406.D
Acq: 30 Oct 2019 18:37

Tgt Ion:154 Resp: 384615
Ion Ratio Lower Upper
154 100
153 42.5 21.0 61.0
76 8.4 0.0 29.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

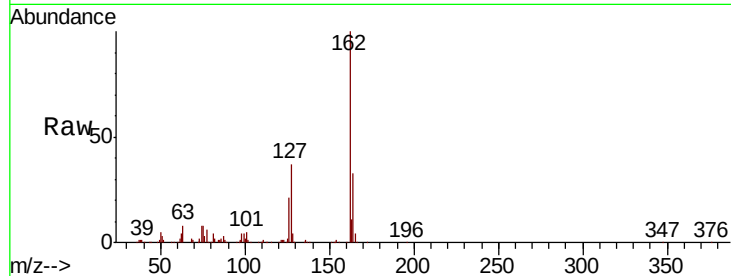




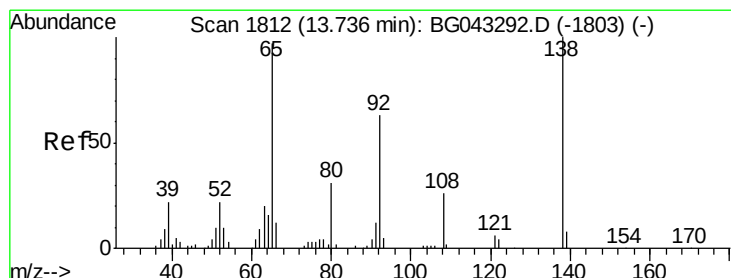
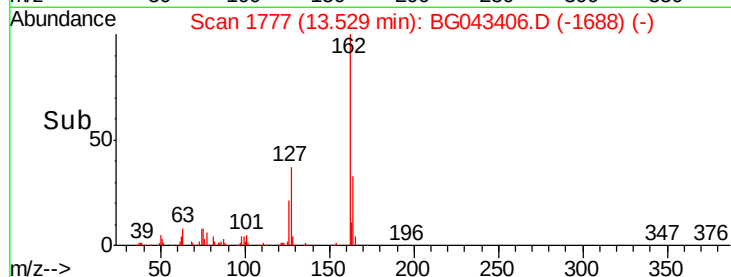
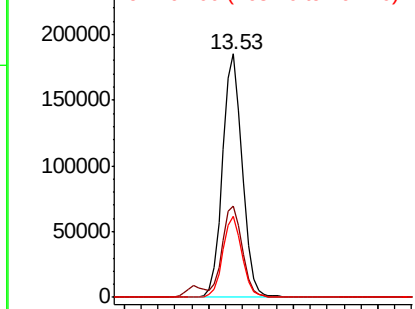
#47
 2-Chloronaphthalene
 Concen: 45.054 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG043406.D
 Acq: 30 Oct 2019 18:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	31.3	46.9
164	33.3	26.8	40.2

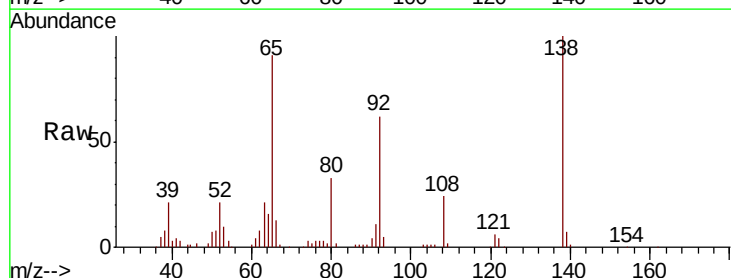


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

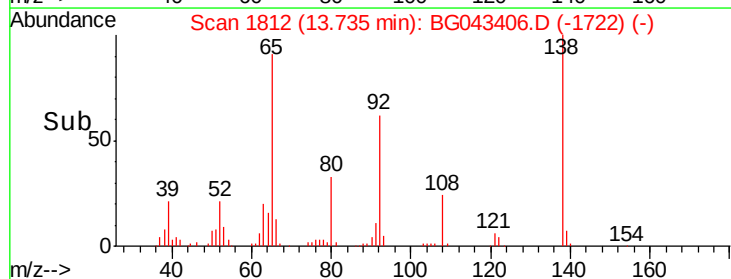
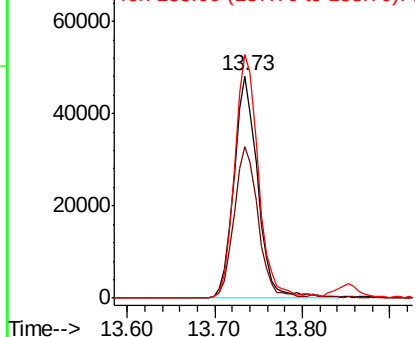


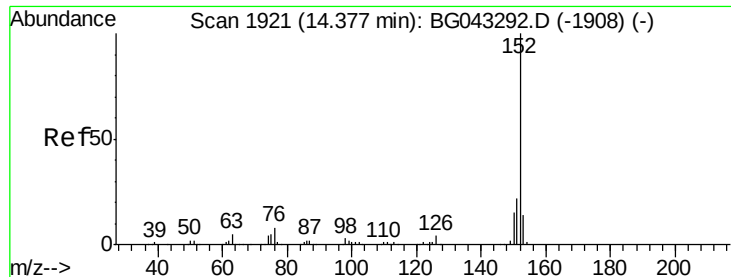
#48
 2-Nitroaniline
 Concen: 44.255 ng
 RT: 13.73 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG043406.D
 Acq: 30 Oct 2019 18:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.0	52.6	79.0
138	109.5	82.9	124.3



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





#49

Acenaphthylene

Concen: 47.326 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

Instrument :

BNA_G

ClientSampleId :

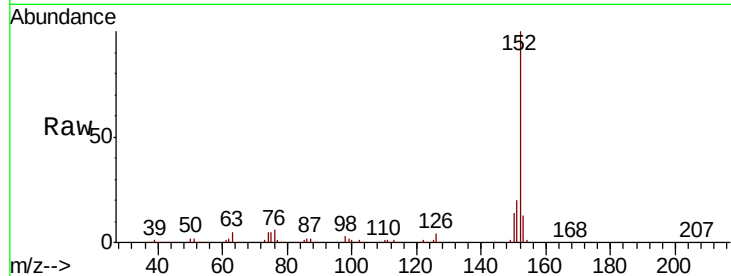
Tot Ion:152 Resp: 490948

Ion Ratio Lower Upper

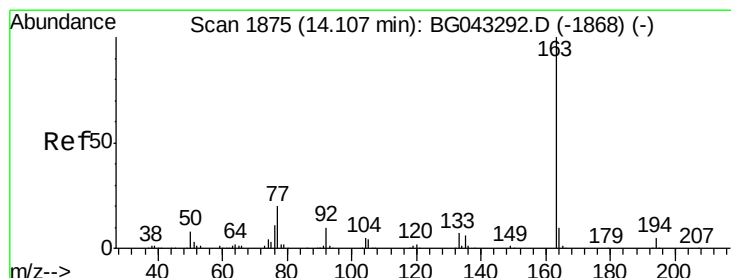
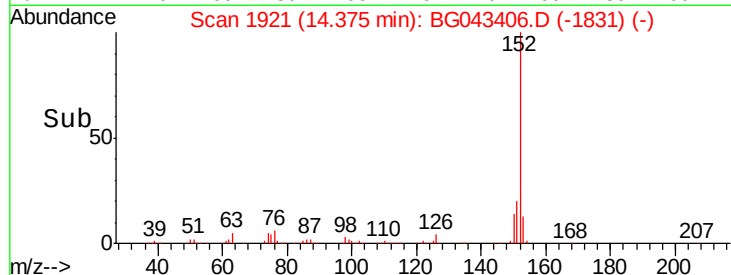
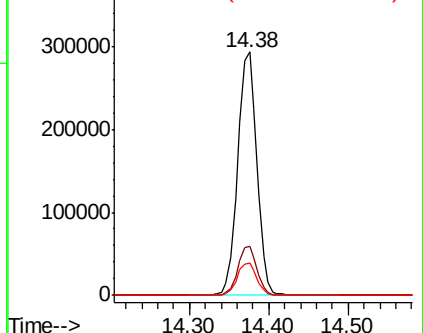
152 100

151 20.0 17.2 25.8

153 13.1 11.0 16.6



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



#50

Dimethylphthalate

Concen: 56.119 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

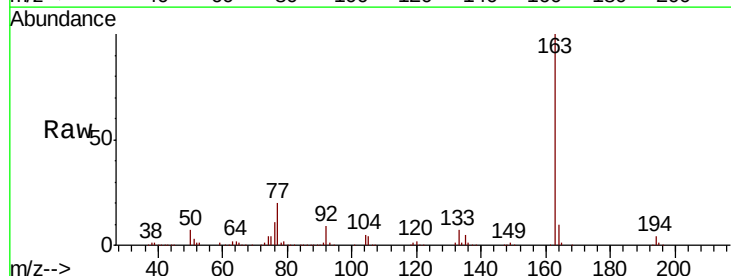
Tgt Ion:163 Resp: 500550

Ion Ratio Lower Upper

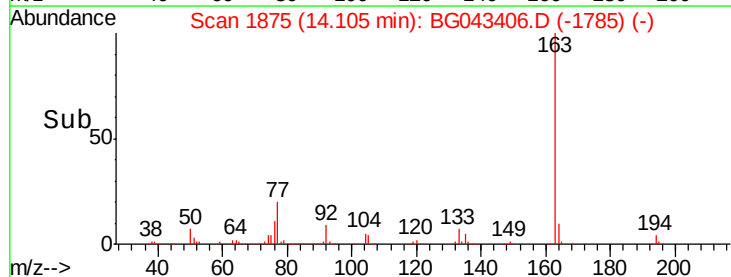
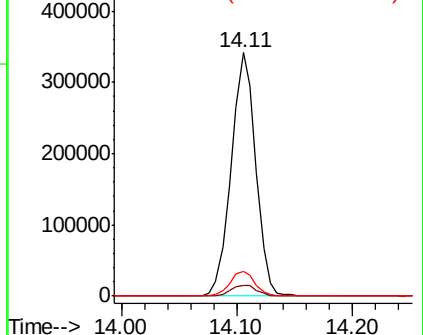
163 100

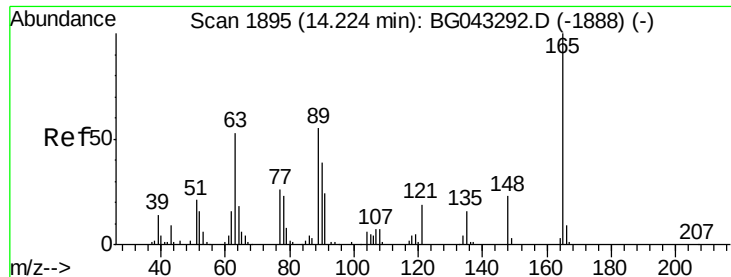
194 4.5 3.7 5.5

164 10.2 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

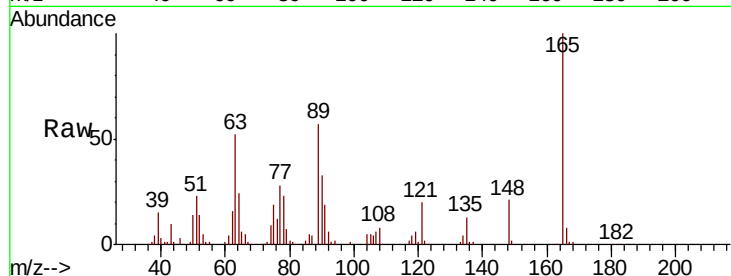




#51
 2,6-Dinitrotoluene
 Concen: 46.636 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.00 min
 Lab File: BG043406.D
 Acq: 30 Oct 2019 18:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.6	47.1	70.7
89	57.0	43.7	65.5

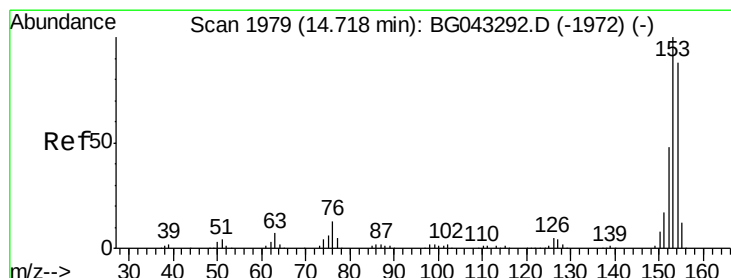
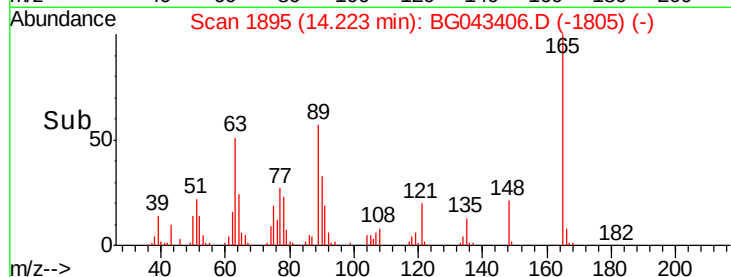
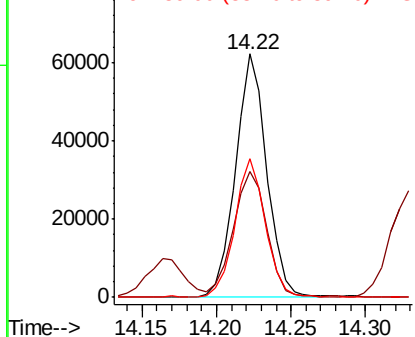


Abundance

Ion 165.00 (164.70 to 165.70): E

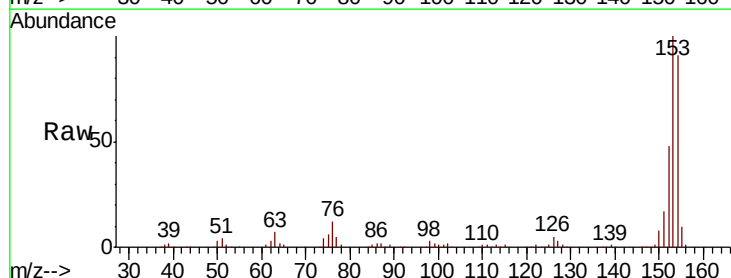
Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52
 Acenaphthene
 Concen: 46.190 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG043406.D
 Acq: 30 Oct 2019 18:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.0	90.9	136.3
152	53.2	43.9	65.9

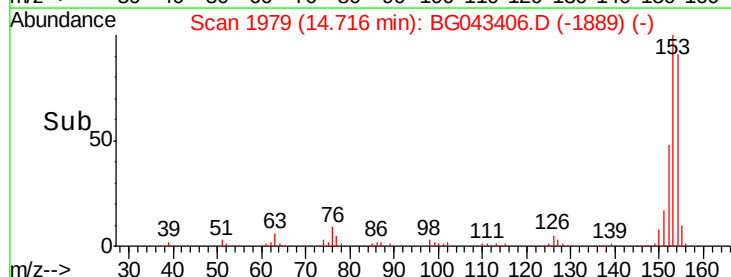
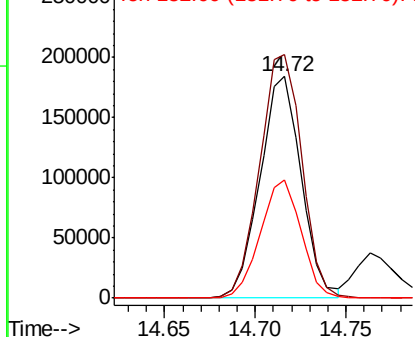


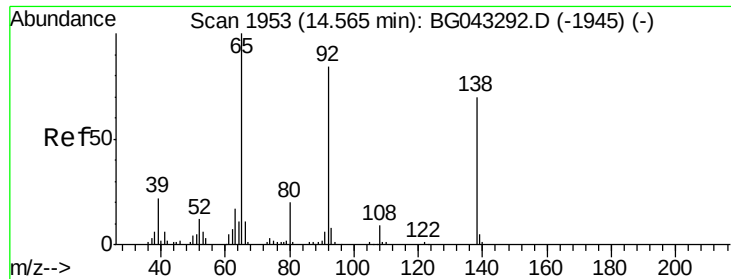
Abundance

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: 29.648 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

Instrument :

BNA_G

ClientSampled :

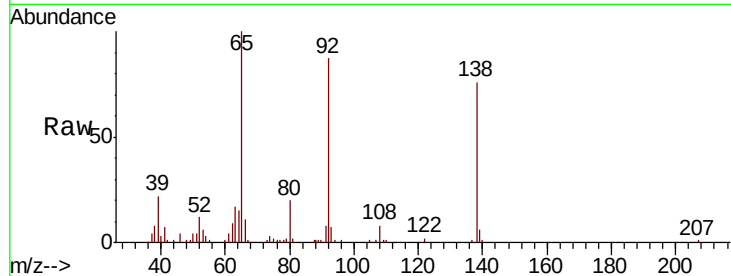
Tot Ion:138 Resp: 55467

Ion Ratio Lower Upper

138 100

108 10.2 9.8 14.6

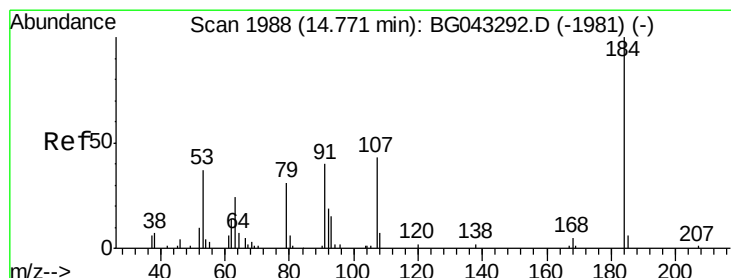
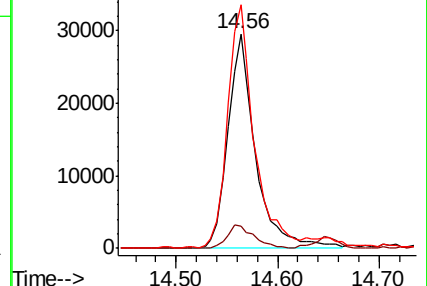
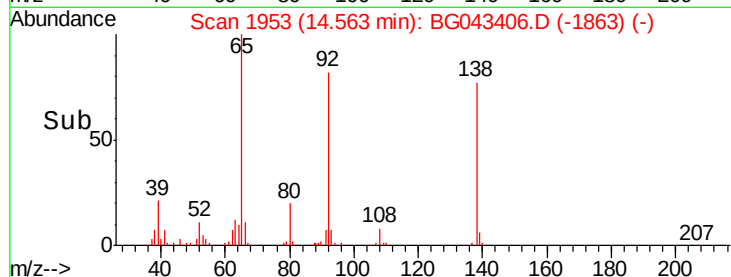
92 113.7 95.8 143.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 79.838 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

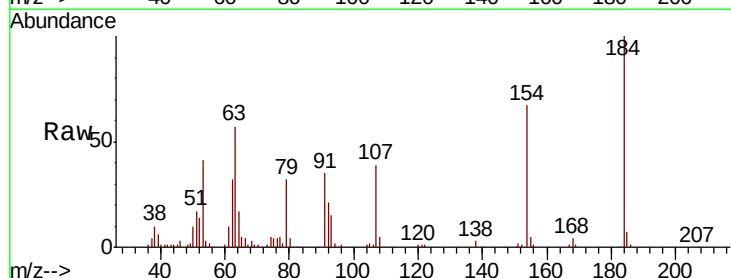
Tgt Ion:184 Resp: 96586

Ion Ratio Lower Upper

184 100

63 56.6 48.8 73.2

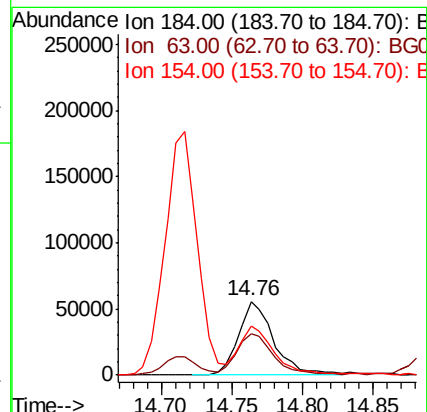
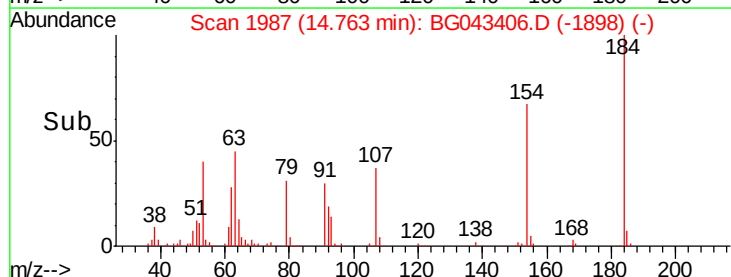
154 67.3 49.4 74.0

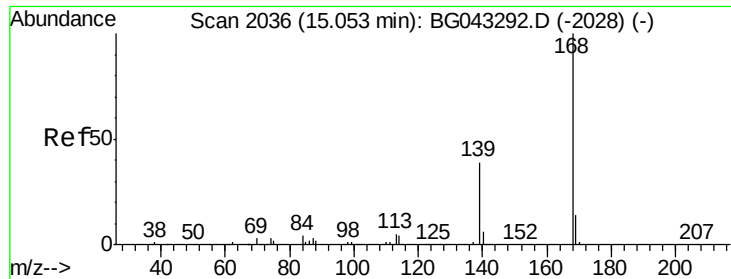


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 46.375 ng

RT: 15.05 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

Instrument :

BNA_G

ClientSampleId :

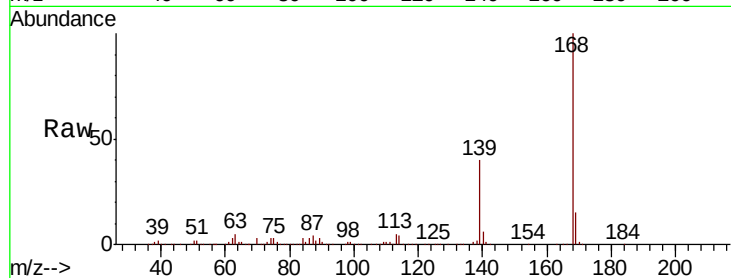
Tot Ion:168 Resp: 475768

Ion Ratio Lower Upper

168 100

139 39.6 31.7 47.5

169 14.5 11.0 16.4

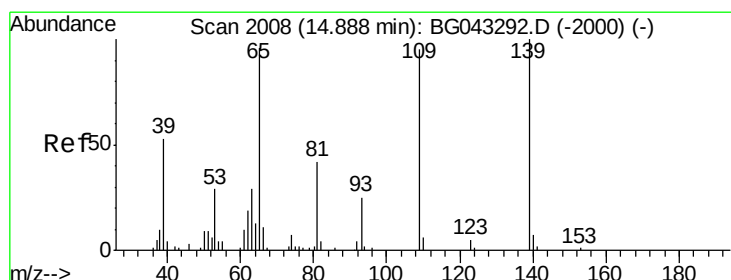
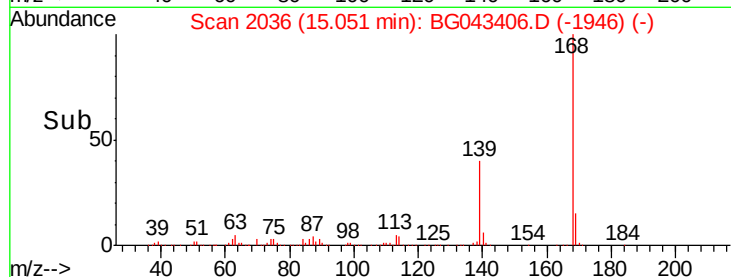
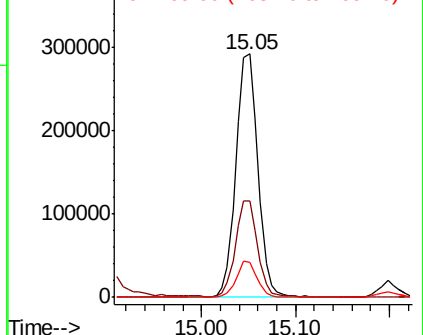


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 106.606 ng

RT: 14.89 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

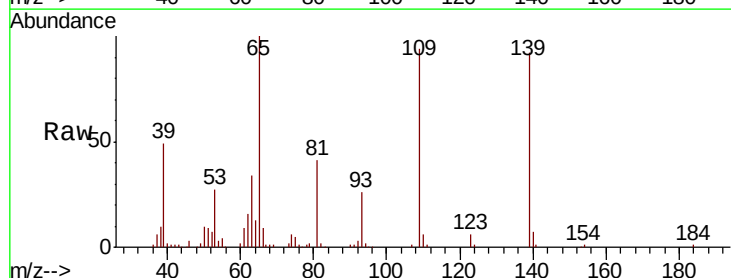
Tgt Ion:139 Resp: 133653

Ion Ratio Lower Upper

139 100

109 102.2 75.4 115.4

65 109.2 76.6 116.6

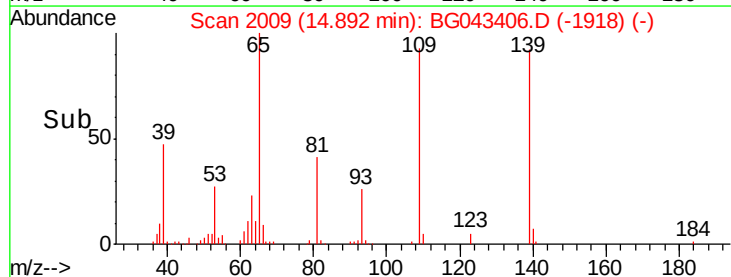
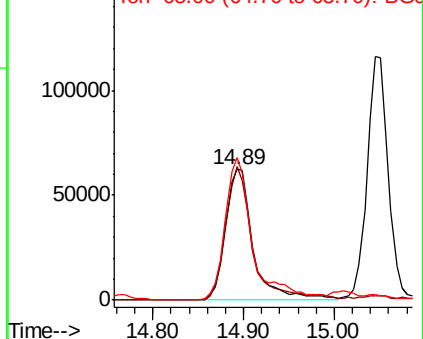


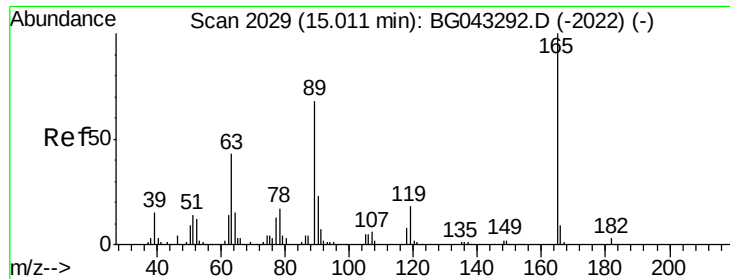
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

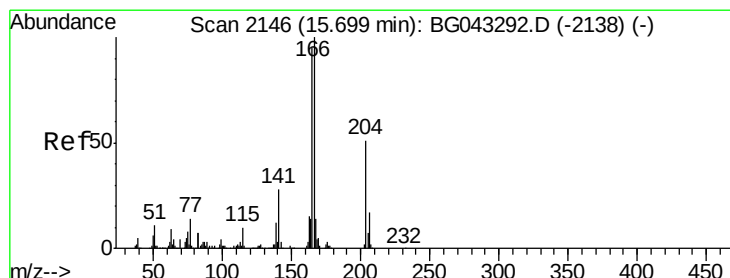
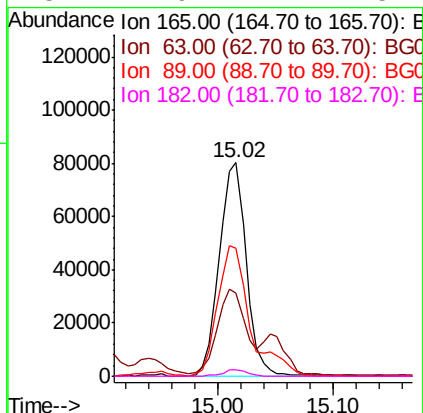
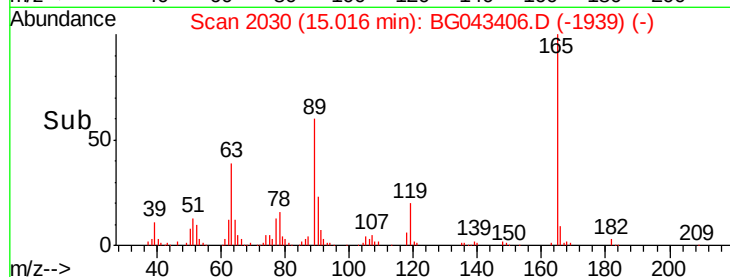
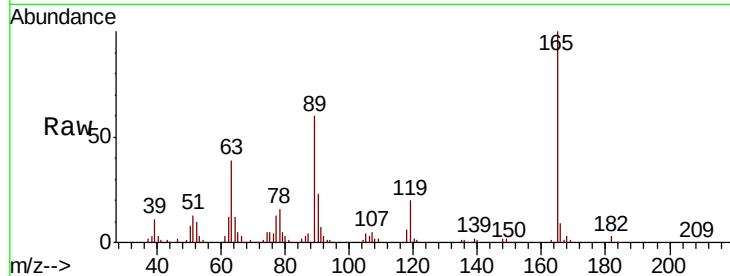




#57
2,4-Dinitrotoluene
Concen: 47.121 ng
RT: 15.02 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG043406.D
Acq: 30 Oct 2019 18:37

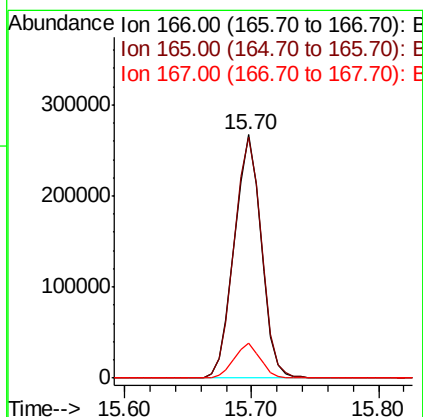
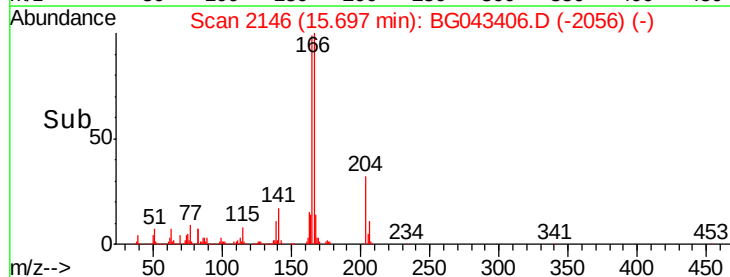
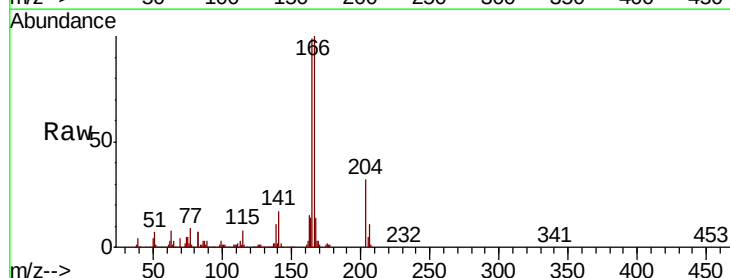
Instrument :
BNA_G
ClientSampleId :

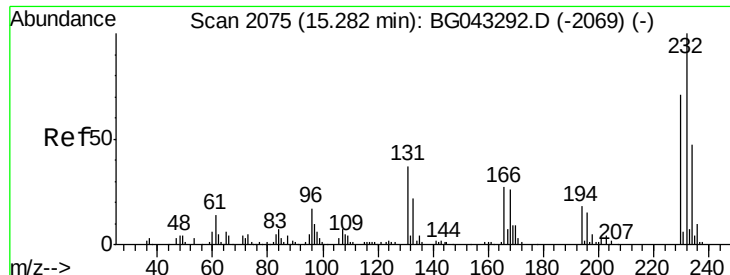
Tot Ion:165 Resp: 130489
Ion Ratio Lower Upper
165 100
63 39.1 35.0 52.6
89 60.2 54.1 81.1
182 2.9 2.2 3.2



#58
Fluorene
Concen: 45.770 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043406.D
Acq: 30 Oct 2019 18:37

Tgt Ion:166 Resp: 393828
Ion Ratio Lower Upper
166 100
165 99.1 76.4 114.6
167 14.3 11.1 16.7

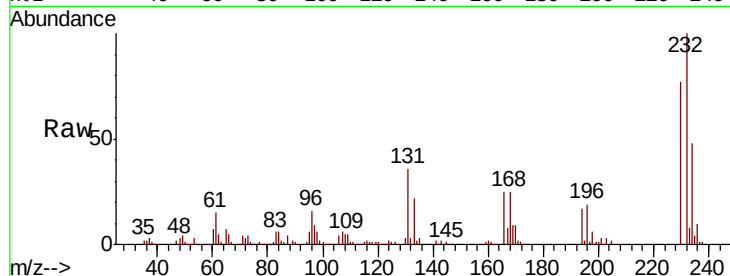




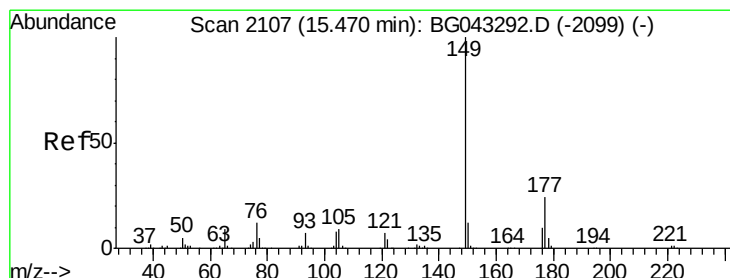
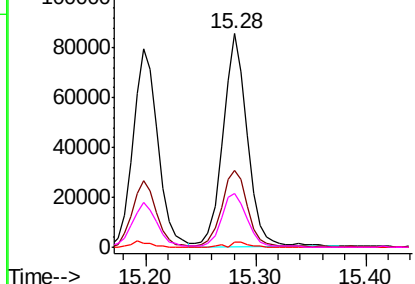
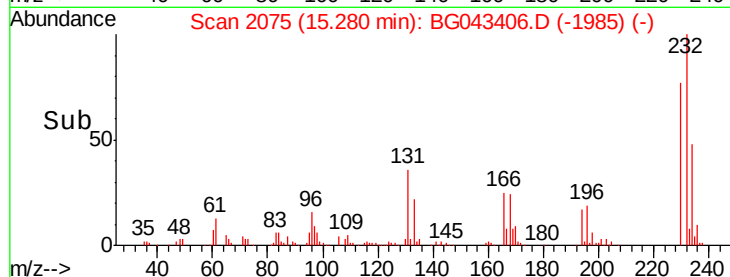
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.739 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG043406.D
 Acq: 30 Oct 2019 18:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 131388
 Ion Ratio Lower Upper
 232 100
 131 38.4 28.7 43.1
 130 2.0 0.6 0.8#
 166 27.0 21.1 31.7

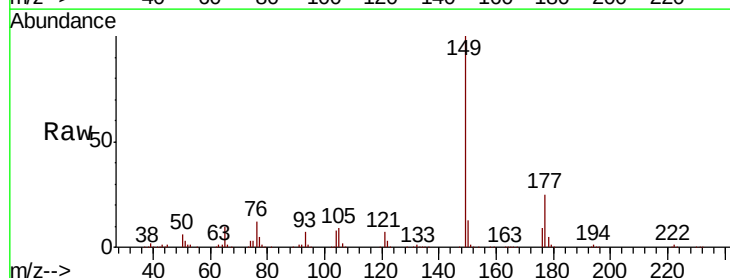


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

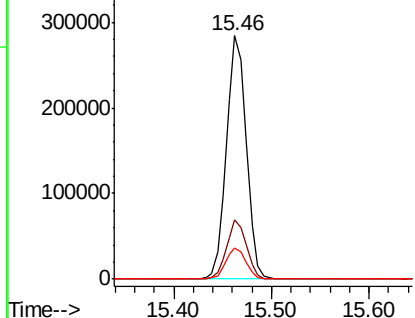
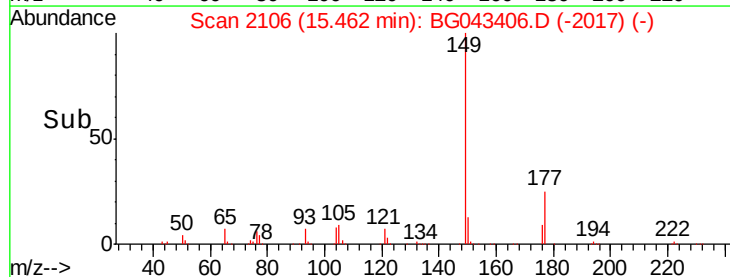


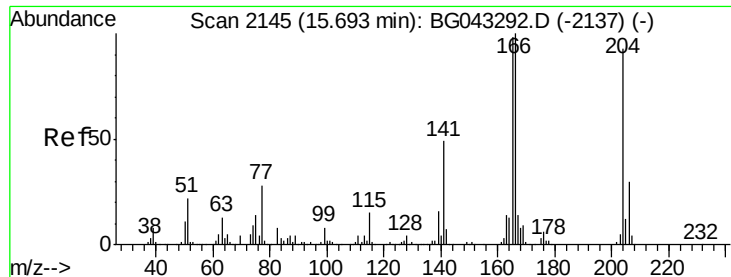
#60
 Diethylphthalate
 Concen: 44.790 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BG043406.D
 Acq: 30 Oct 2019 18:37

Tgt Ion:149 Resp: 401416
 Ion Ratio Lower Upper
 149 100
 177 24.5 19.0 28.4
 150 12.8 9.4 14.0



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: 45.468 ng

RT: 15.69 min Scan# 2144

Delta R.T. -0.01 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

Instrument :

BNA_G

ClientSampleId :

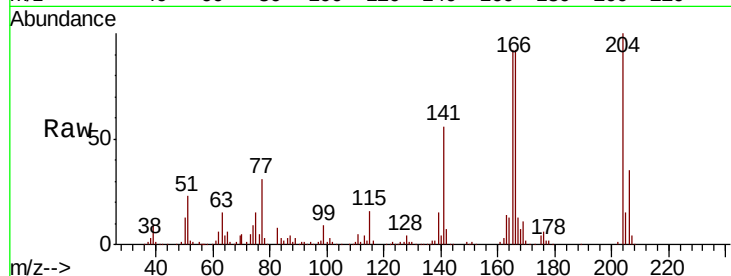
Tot Ion:204 Resp: 228233

Ion Ratio Lower Upper

204 100

206 35.1 25.7 38.5

141 55.6 42.3 63.5

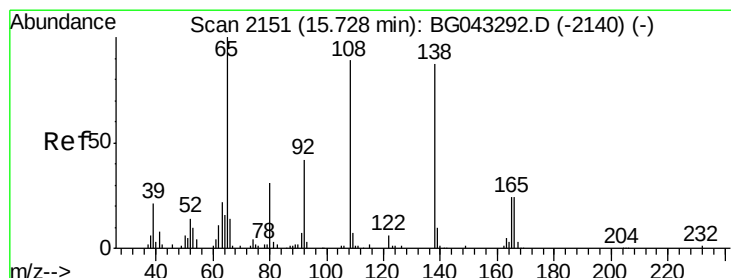
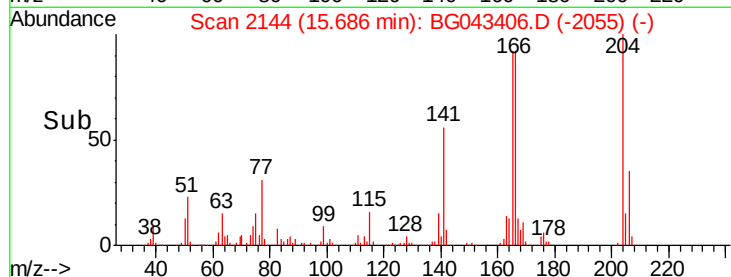
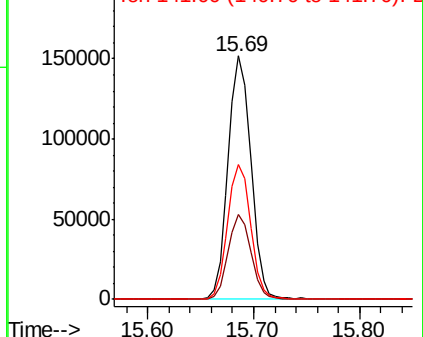


Abundance

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: 43.860 ng

RT: 15.73 min Scan# 2151

Delta R.T. -0.00 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

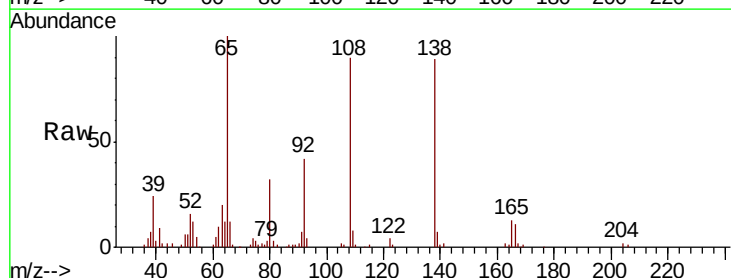
Tgt Ion:138 Resp: 84743

Ion Ratio Lower Upper

138 100

92 47.4 28.8 68.8

108 100.9 82.7 122.7

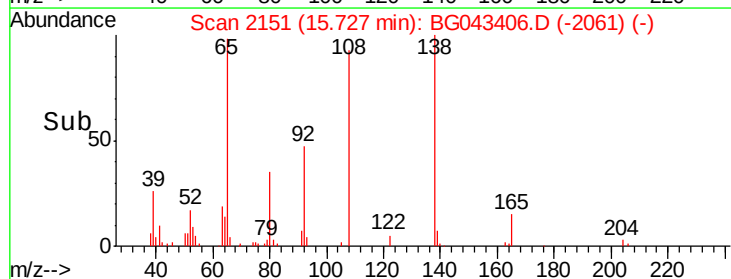
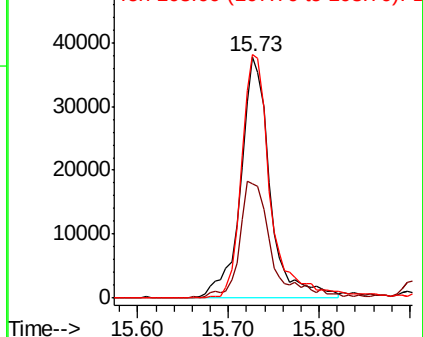


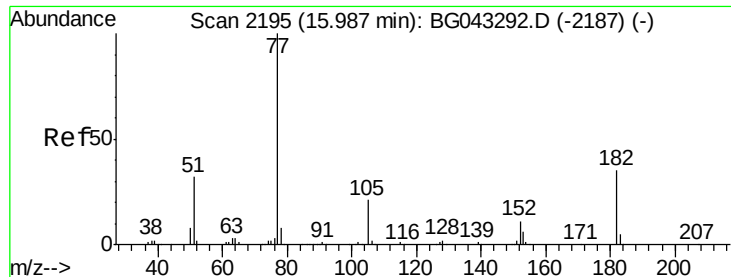
Abundance

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

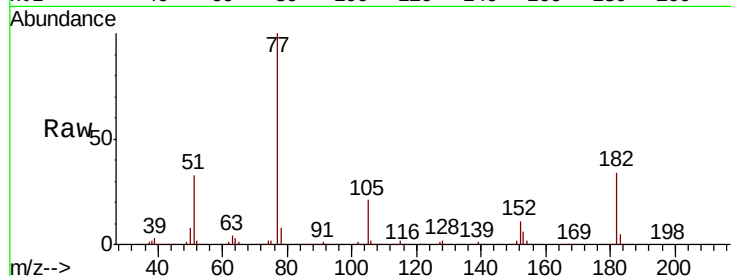




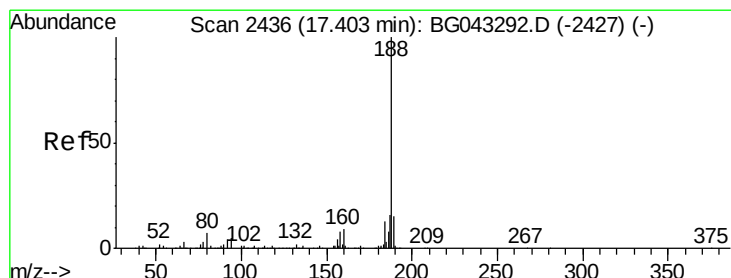
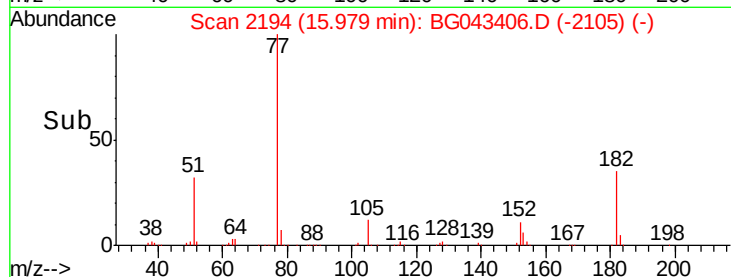
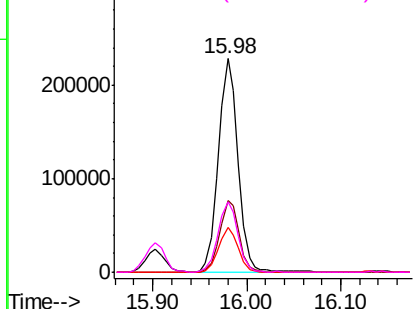
#63
Azobenzene
Concen: 45.880 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG043406.D
Acq: 30 Oct 2019 18:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	332782
Ion	Ratio	Lower	Upper
77	100		
182	33.8	14.9	54.9
105	20.8	0.6	40.6
51	33.3	12.5	52.5

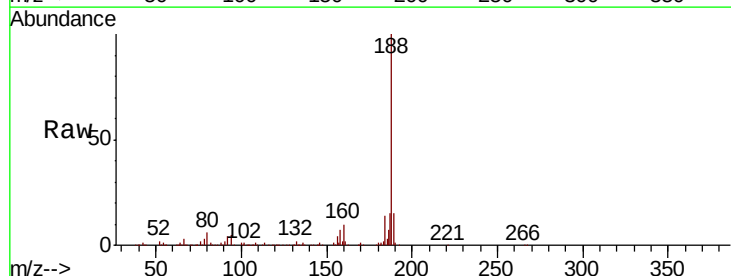


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

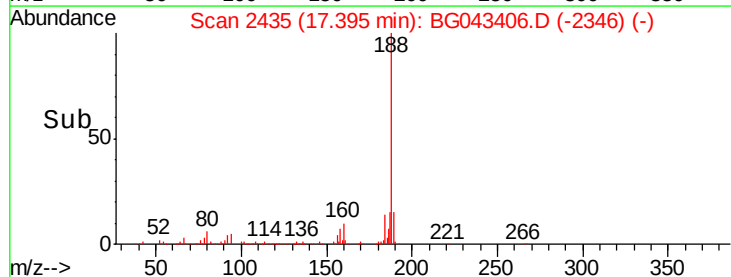
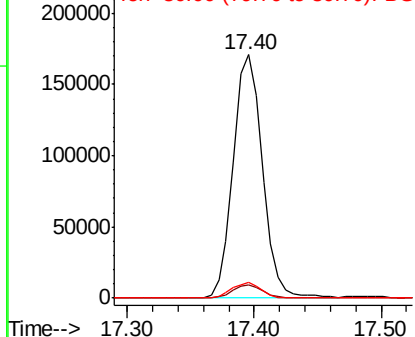


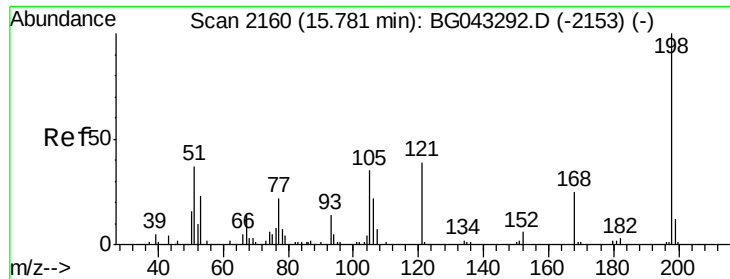
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043406.D
Acq: 30 Oct 2019 18:37

Tgt Ion:	188	Resp:	272811
Ion	Ratio	Lower	Upper
188	100		
94	5.4	4.2	6.2
80	6.5	5.2	7.8



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: 48.371 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

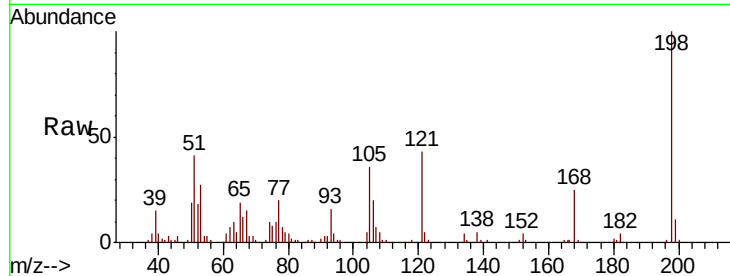
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 77659

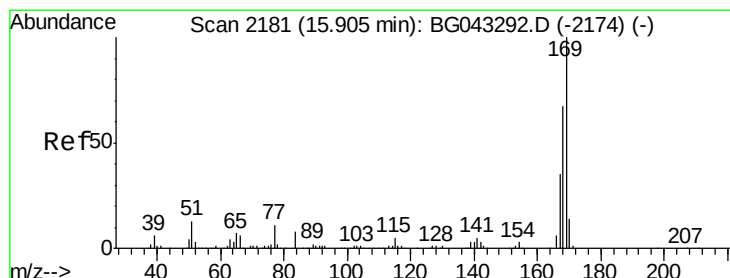
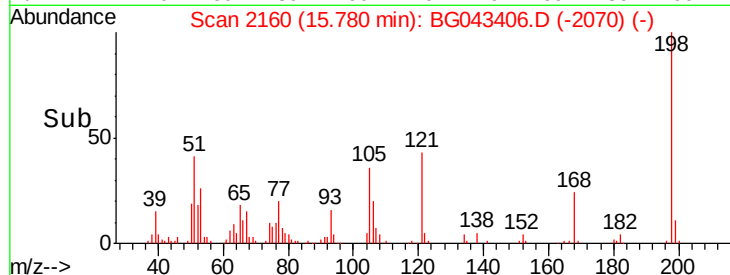
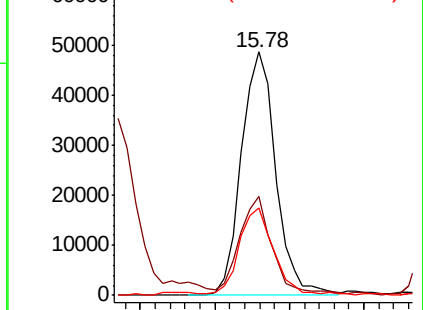
Ion	Ratio	Lower	Upper
198	100		
51	40.7	21.4	61.4
105	35.9	16.5	56.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG043292.D (-2153) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.570 ng

RT: 15.90 min Scan# 2181

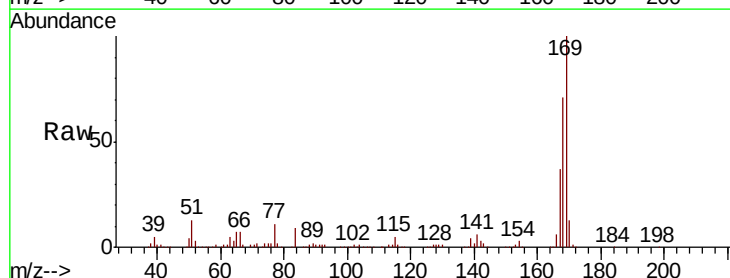
Delta R.T. -0.00 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

Tgt Ion:169 Resp: 350984

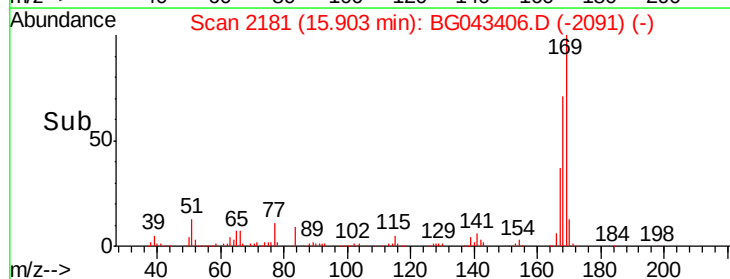
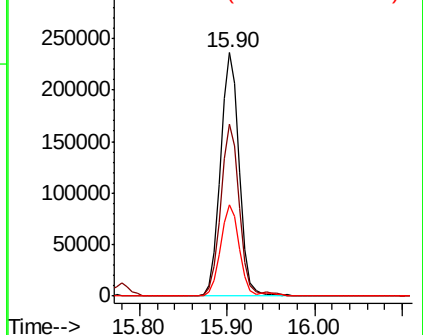
Ion	Ratio	Lower	Upper
169	100		
168	70.7	53.9	80.9
167	37.5	28.3	42.5

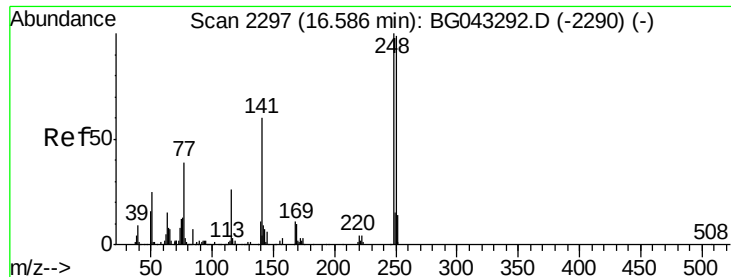


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

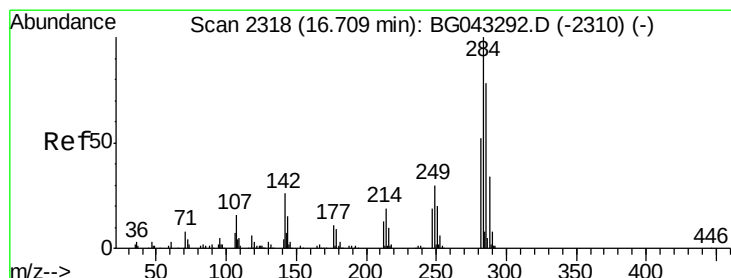
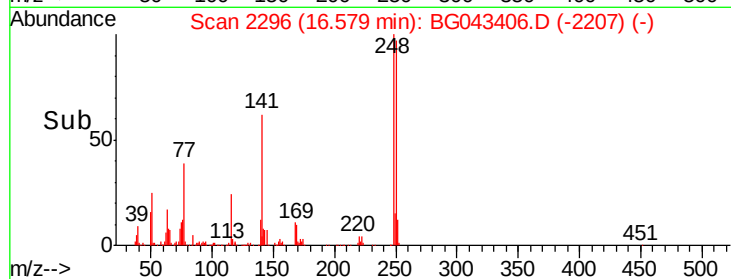
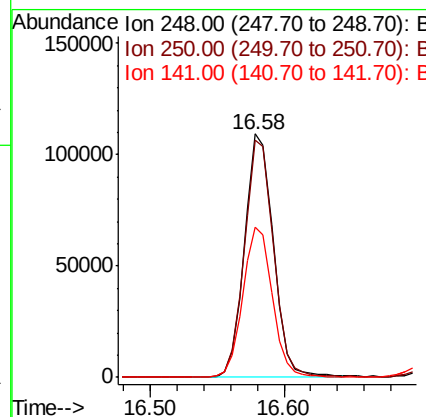
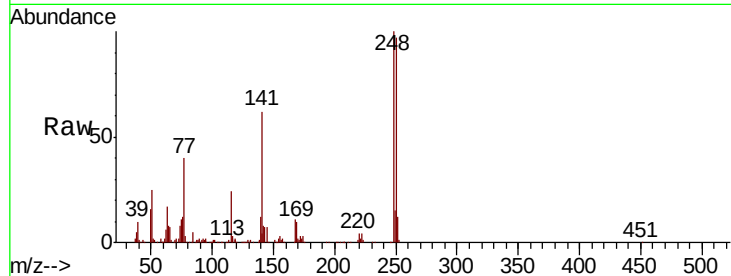




#67
4-Bromophenyl-phenylether
Concen: 44.397 ng
RT: 16.58 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BG043406.D
Acq: 30 Oct 2019 18:37

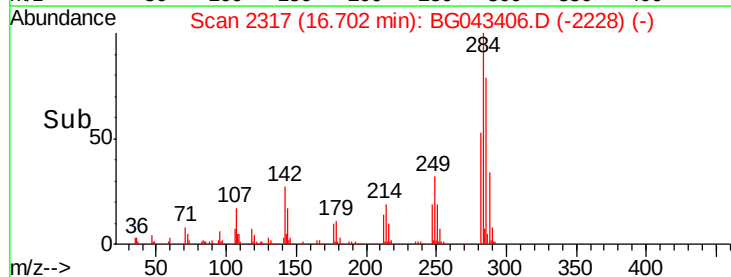
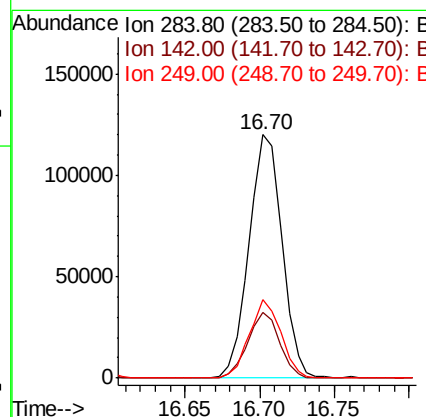
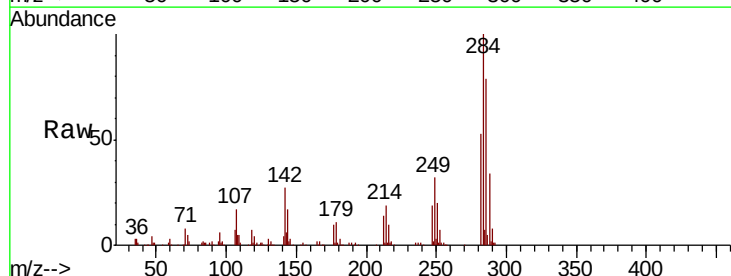
Instrument :
BNA_G
ClientSampled :

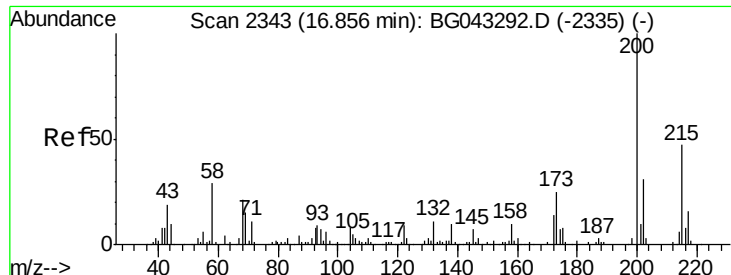
Tot Ion:248 Resp: 163002
Ion Ratio Lower Upper
248 100
250 97.2 79.3 118.9
141 61.9 47.9 71.9



#68
Hexachlorobenzene
Concen: 43.662 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BG043406.D
Acq: 30 Oct 2019 18:37

Tgt Ion:284 Resp: 184008
Ion Ratio Lower Upper
284 100
142 27.2 21.1 31.7
249 32.0 24.4 36.6





#69

Atrazine

Concen: 57.414 ng

RT: 16.85 min Scan# 2342

Delta R.T. -0.01 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

Instrument :

BNA_G

ClientSampled :

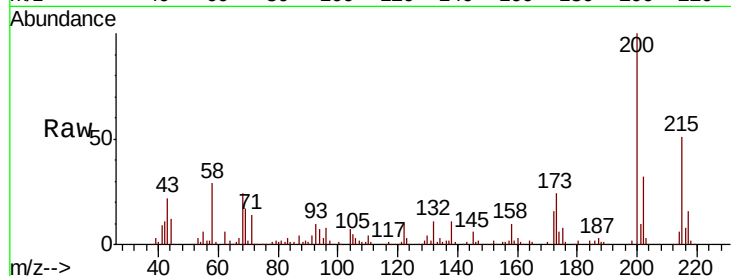
Tot Ion:200 Resp: 153659

Ion Ratio Lower Upper

200 100

173 24.1 5.1 45.1

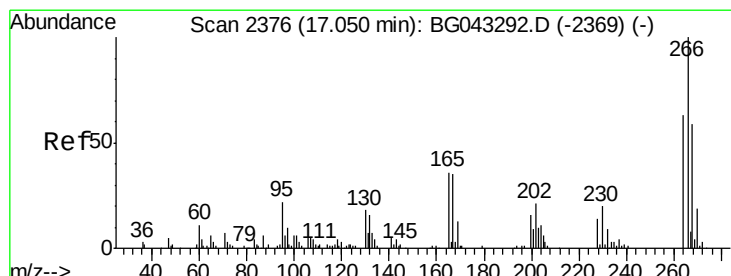
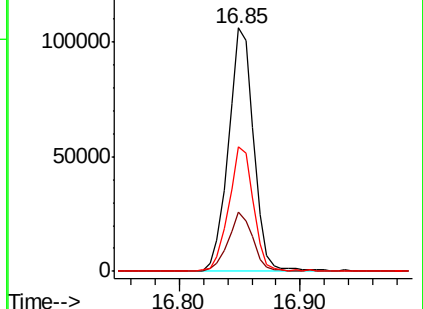
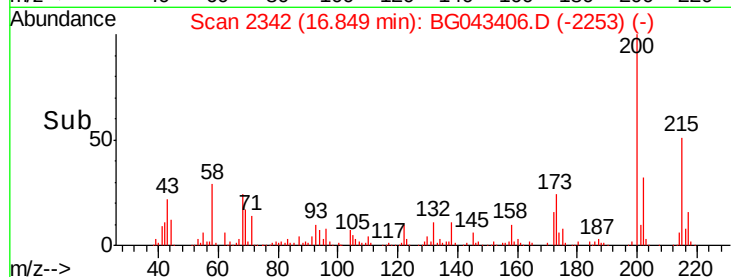
215 51.2 26.6 66.6



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: 103.643 ng

RT: 17.05 min Scan# 2377

Delta R.T. 0.00 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

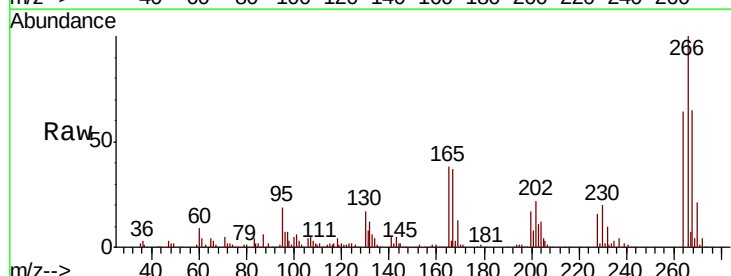
Tgt Ion:266 Resp: 199027

Ion Ratio Lower Upper

266 100

268 65.5 47.1 70.7

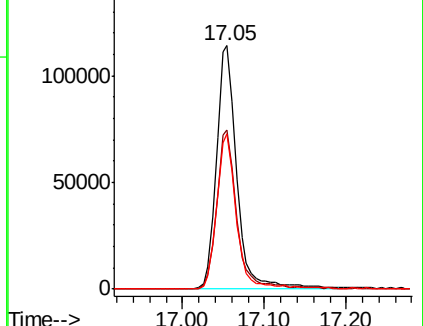
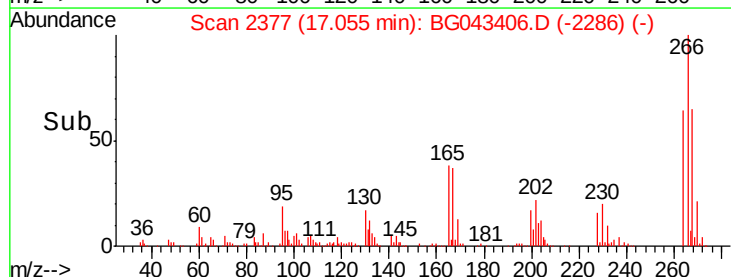
264 63.7 50.4 75.6

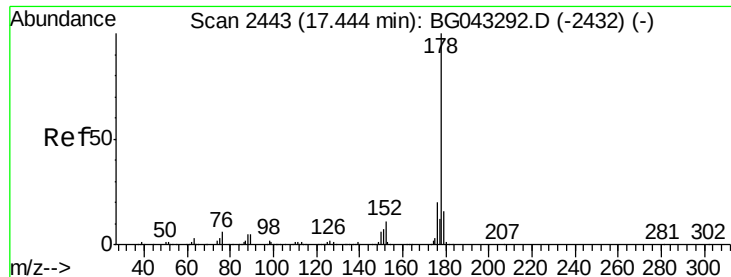


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

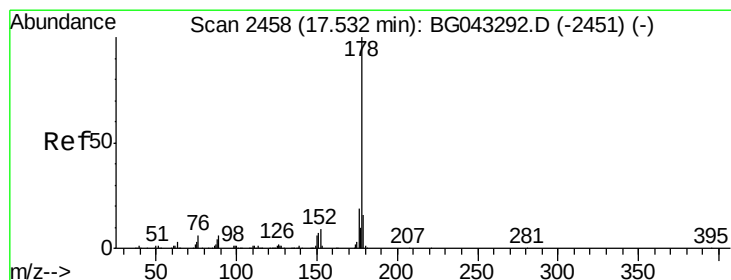
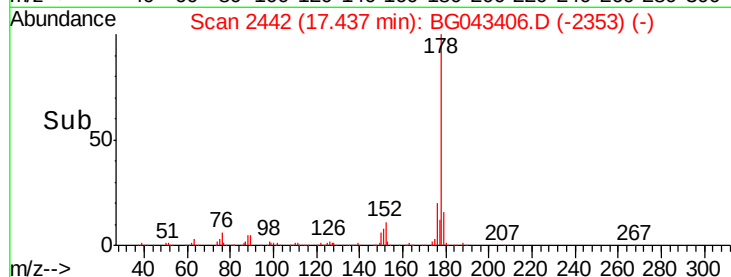
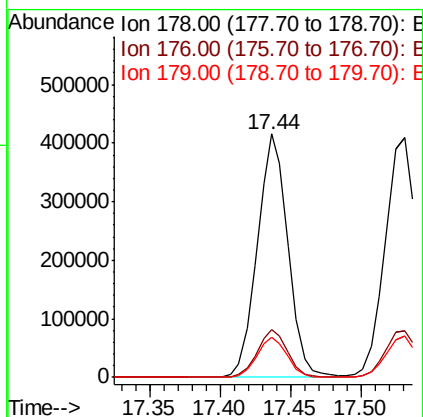
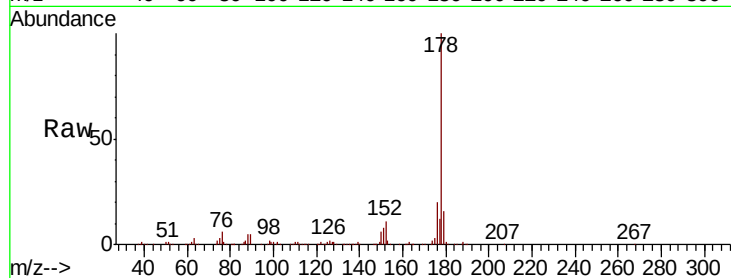




#71
Phenanthrene
Concen: 45.358 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG043406.D
Acq: 30 Oct 2019 18:37

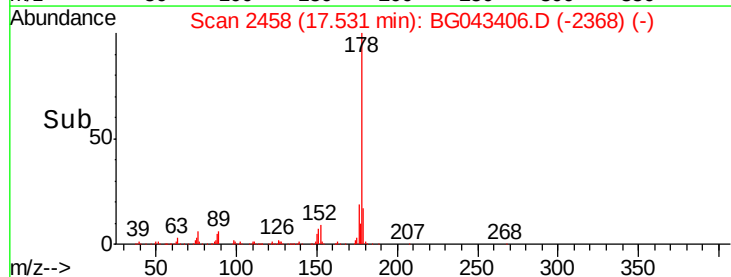
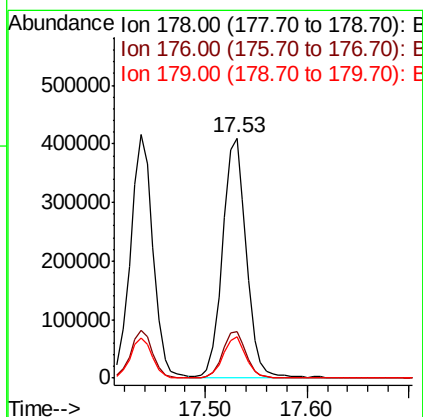
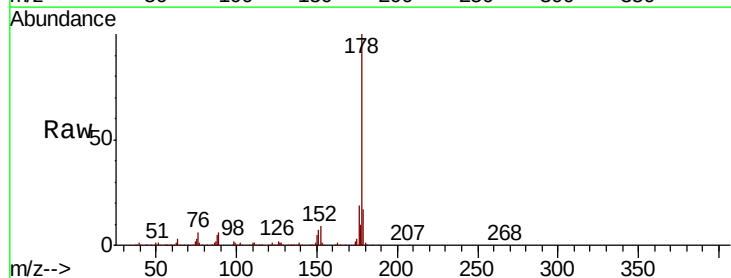
Instrument :
BNA_G
ClientSampled :

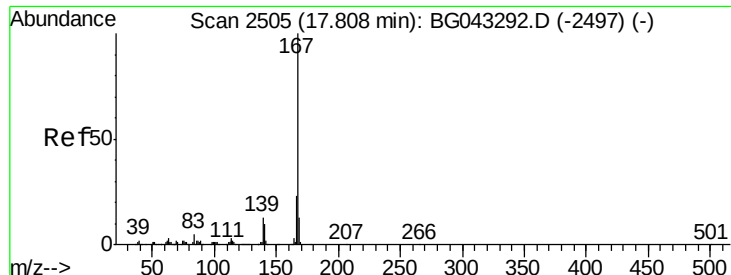
Tot Ion:178 Resp: 633648
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 16.5 13.1 19.7



#72
Anthracene
Concen: 47.199 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG043406.D
Acq: 30 Oct 2019 18:37

Tgt Ion:178 Resp: 659712
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 17.1 13.0 19.6

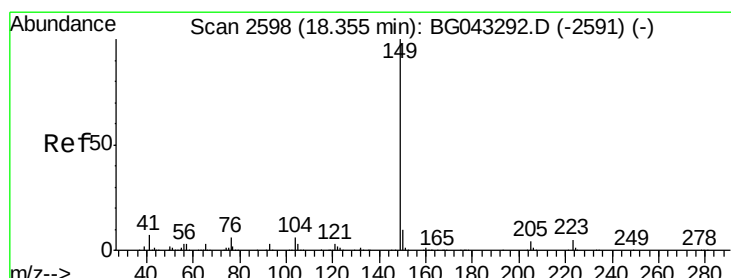
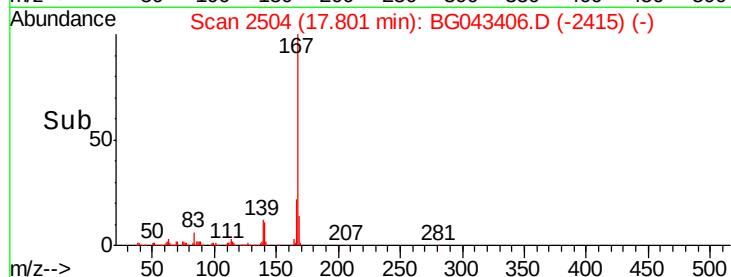
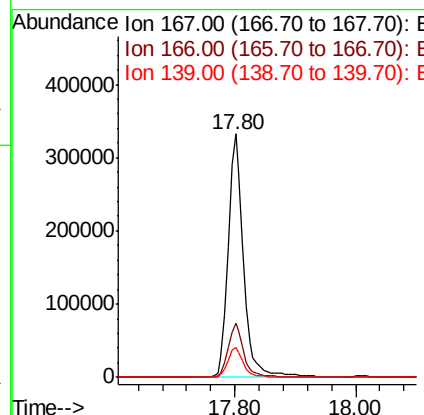
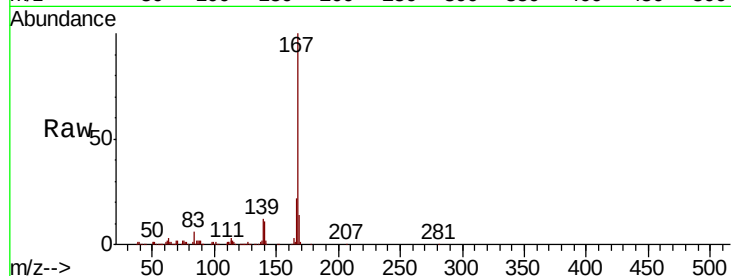




#73
 Carbazole
 Concen: 46.430 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BG043406.D
 Acq: 30 Oct 2019 18:37

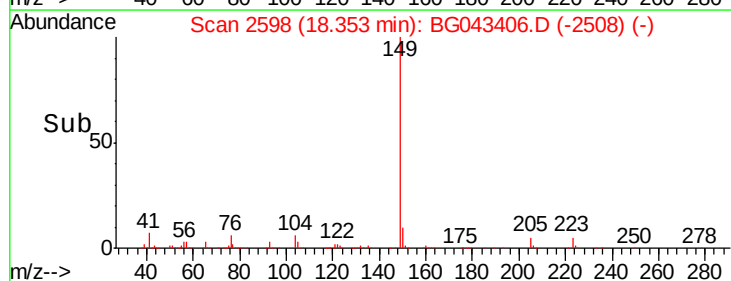
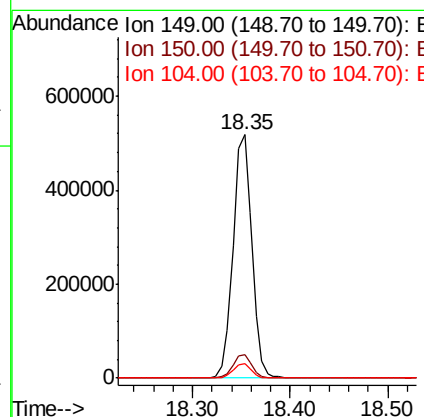
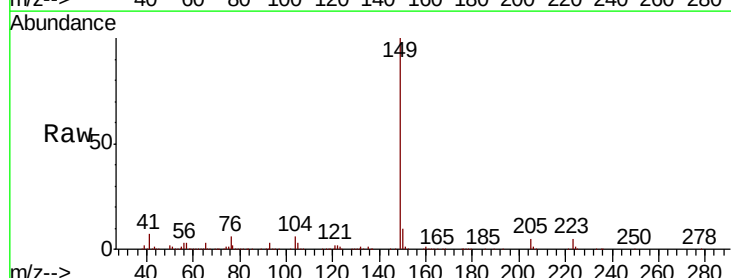
Instrument :
 BNA_G
 ClientSampleId :

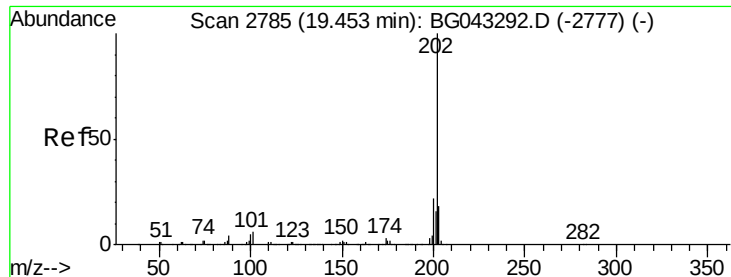
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.4	27.6
139	12.3	10.2	15.4



#74
 Di-n-butylphthalate
 Concen: 45.058 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG043406.D
 Acq: 30 Oct 2019 18:37

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.0	12.0
104	5.8	4.7	7.1





#75

Fluoranthene

Concen: 46.353 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043406.D

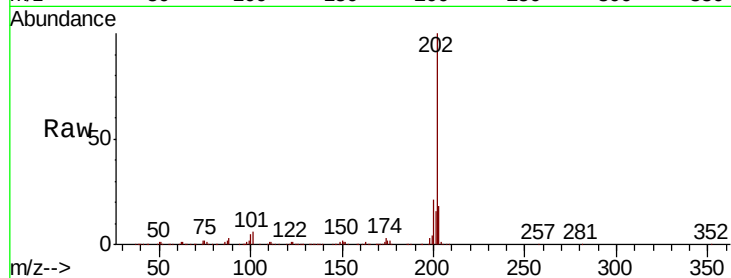
Acq: 30 Oct 2019 18:37

Instrument :

BNA_G

ClientSampleId :

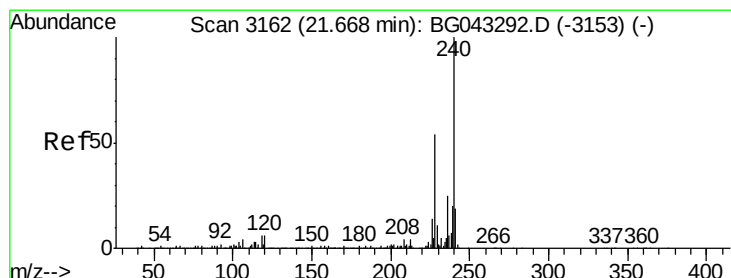
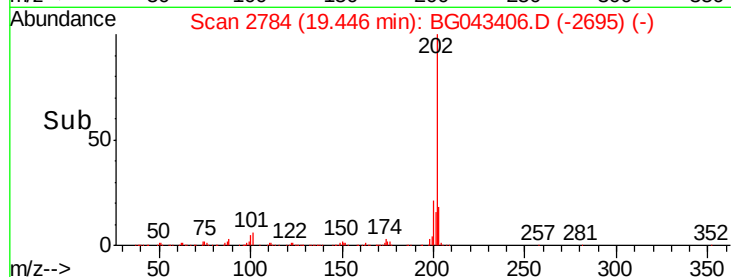
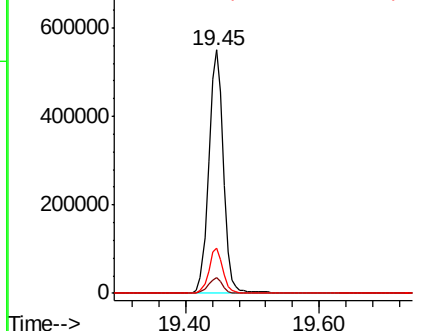
Tot Ion:	202	Resp:	844205
Ion	Ratio	Lower	Upper
202	100		
101	6.5	0.0	26.0
203	18.4	0.0	38.2



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

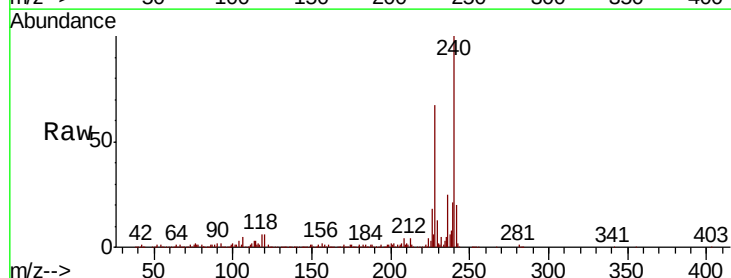
RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

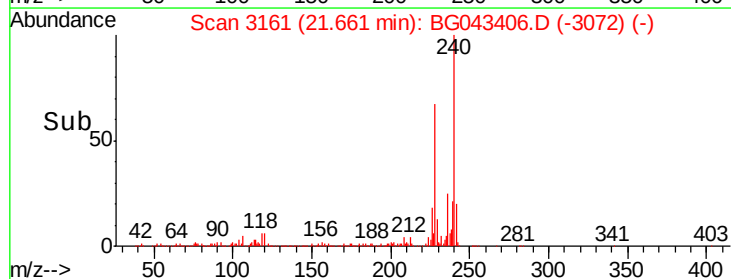
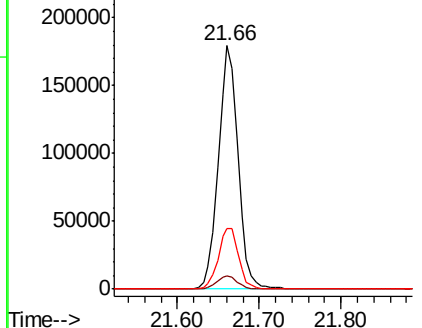
Tgt Ion:	240	Resp:	300959
Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.6	7.0
236	24.9	20.2	30.4

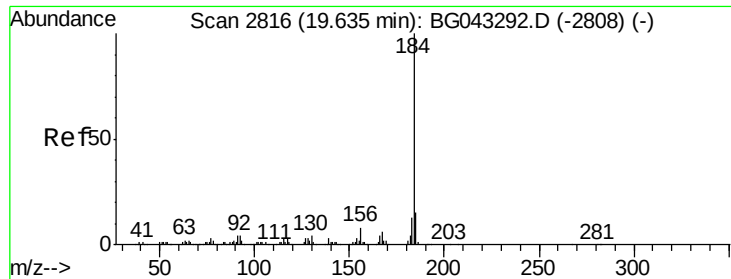


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 53.504 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

Instrument :

BNA_G

ClientSampleId :

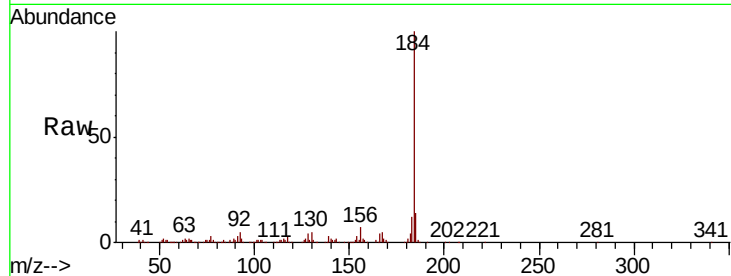
Tot Ion:184 Resp: 324067

Ion Ratio Lower Upper

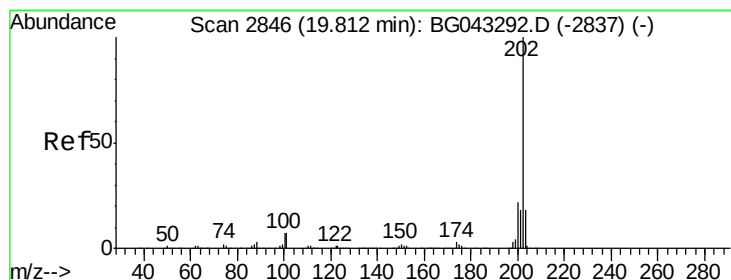
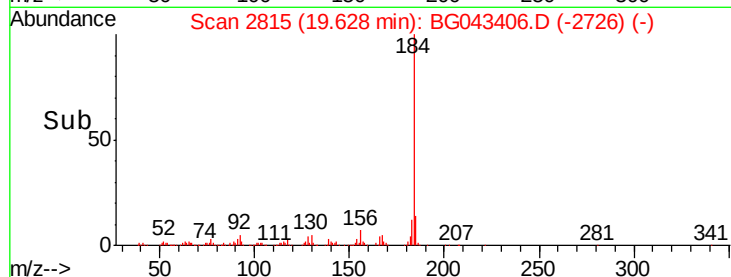
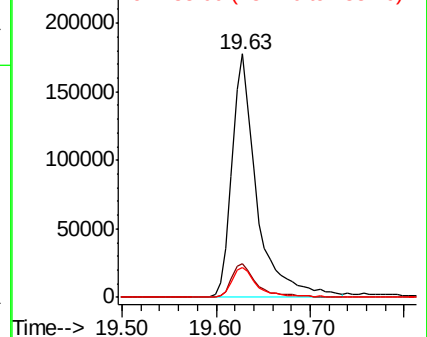
184 100

185 14.0 11.8 17.6

183 12.4 10.6 16.0



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: 45.623 ng

RT: 19.80 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

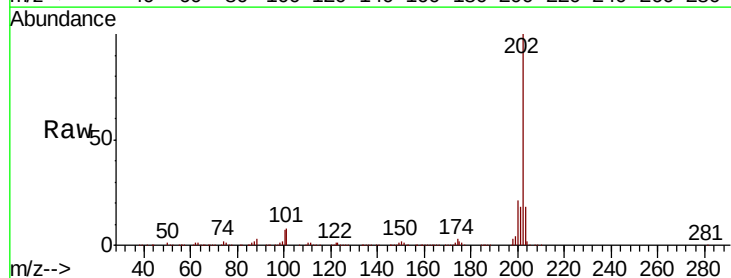
Tgt Ion:202 Resp: 849905

Ion Ratio Lower Upper

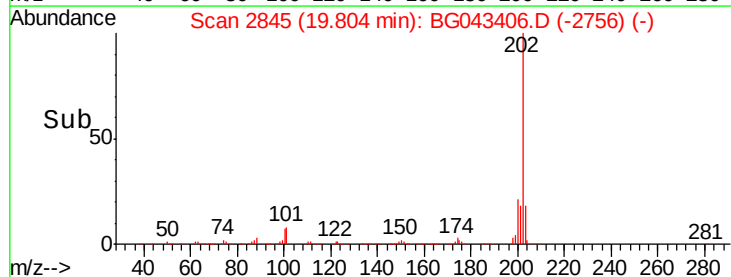
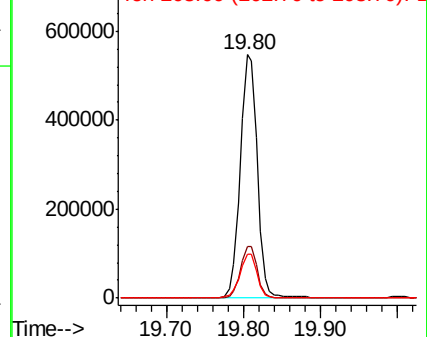
202 100

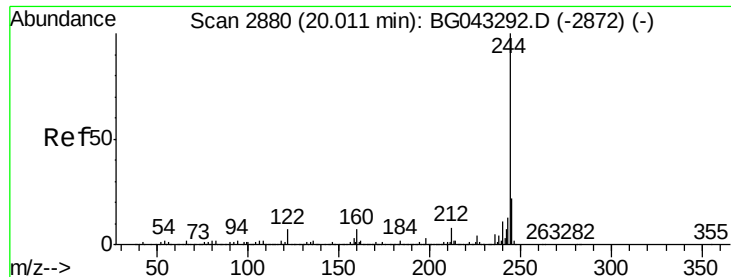
200 21.3 17.3 25.9

203 18.3 14.5 21.7



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: 92.193 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

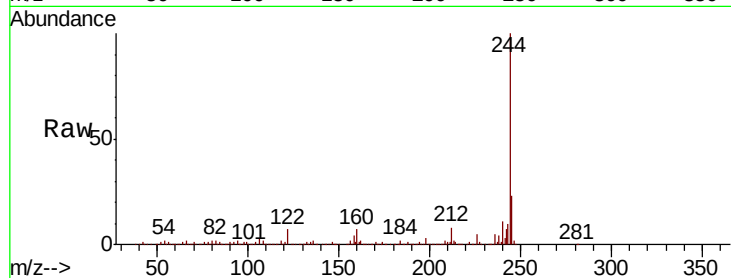
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1478965

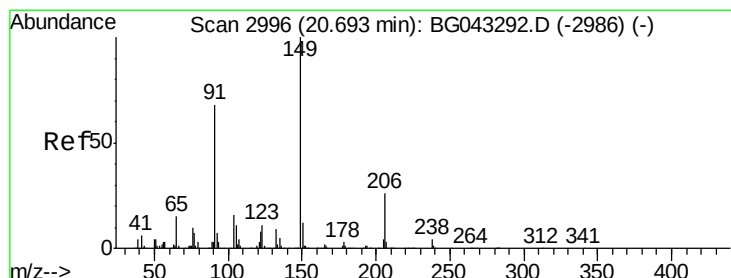
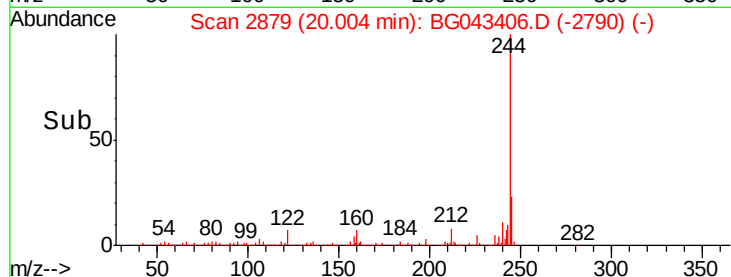
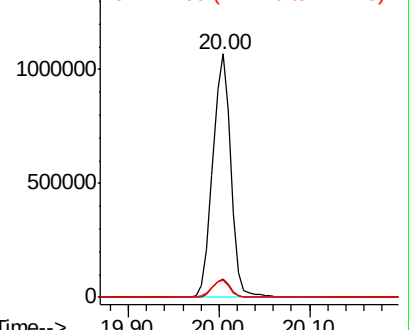
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	7.0	5.3	7.9



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: 45.932 ng

RT: 20.69 min Scan# 2996

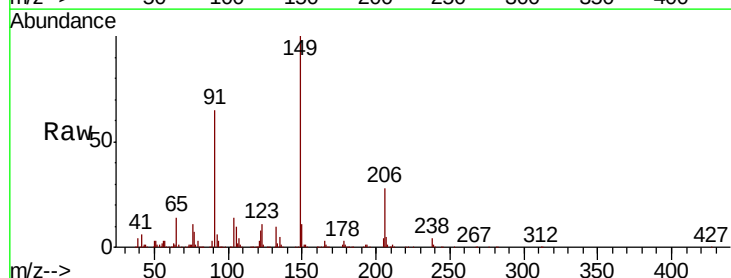
Delta R.T. -0.00 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

Tgt Ion:149 Resp: 324177

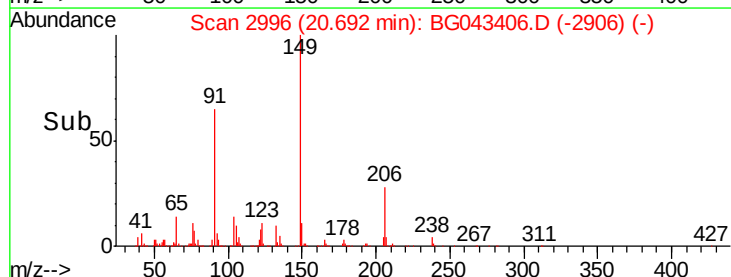
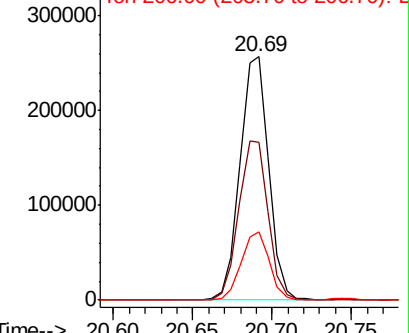
Ion	Ratio	Lower	Upper
149	100		
91	64.7	54.6	82.0
206	28.1	20.5	30.7

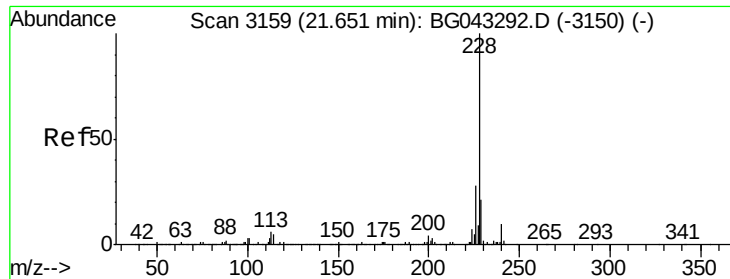


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

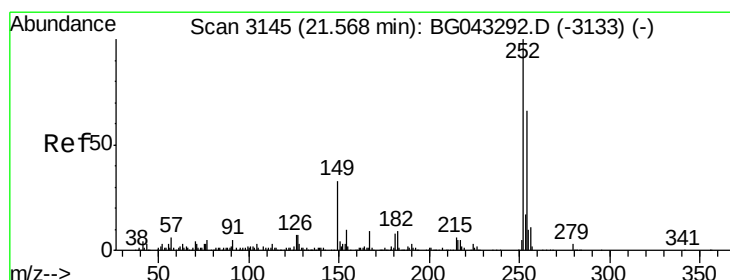
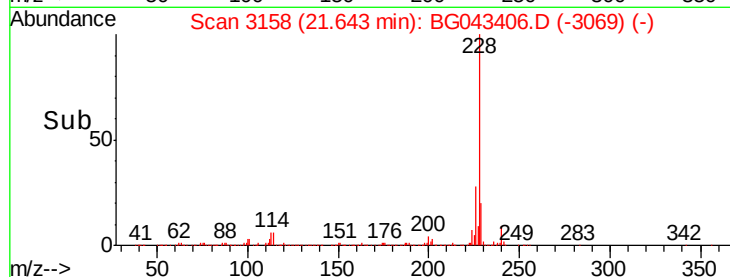
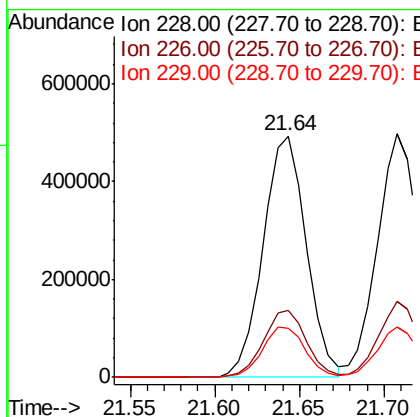
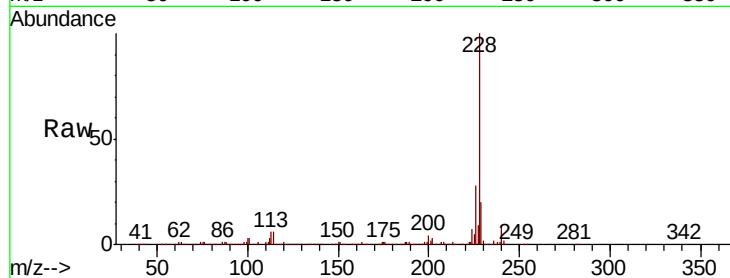




#81
Benzo(a)anthracene
Concen: 46.370 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043406.D
Acq: 30 Oct 2019 18:37

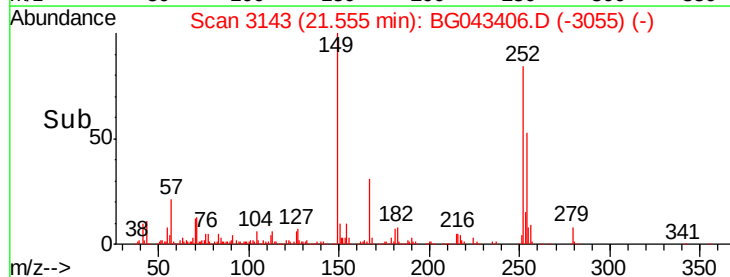
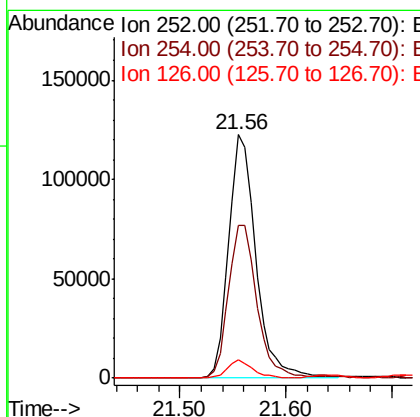
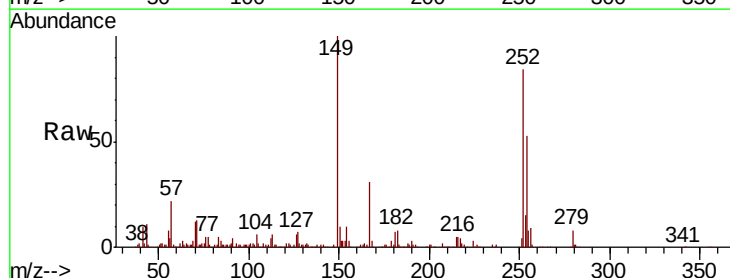
Instrument :
BNA_G
ClientSampleId :

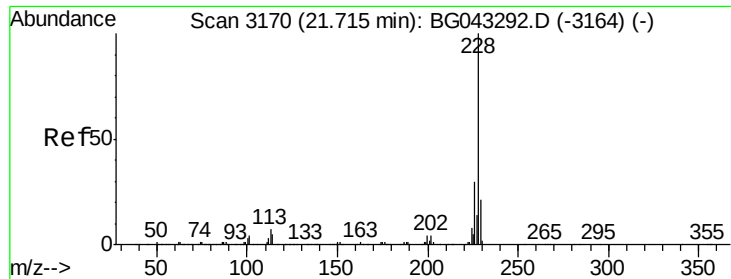
Tot Ion:228 Resp: 874158
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.4
229 20.5 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 30.015 ng
RT: 21.56 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BG043406.D
Acq: 30 Oct 2019 18:37

Tgt Ion:252 Resp: 218854
Ion Ratio Lower Upper
252 100
254 62.6 52.7 79.1
126 7.5 5.6 8.4





#83

Chrysene

Concen: 45.883 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

Instrument :

BNA_G

ClientSampleId :

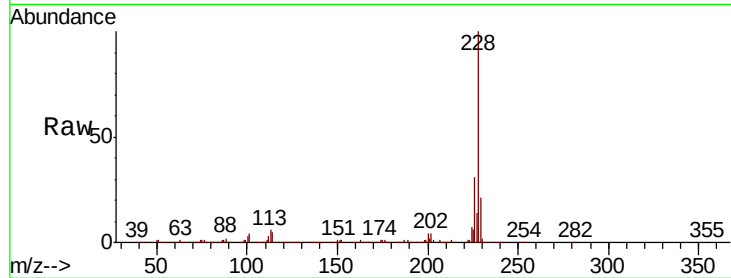
Tot Ion:228 Resp: 859428

Ion Ratio Lower Upper

228 100

226 31.0 23.8 35.8

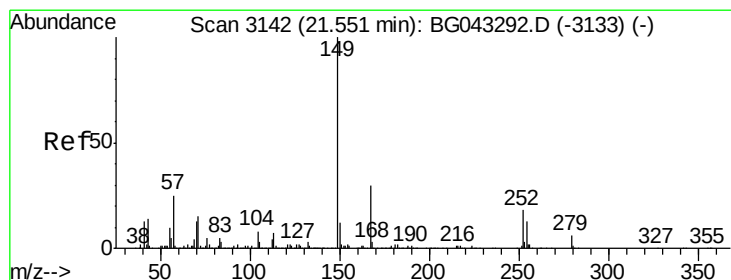
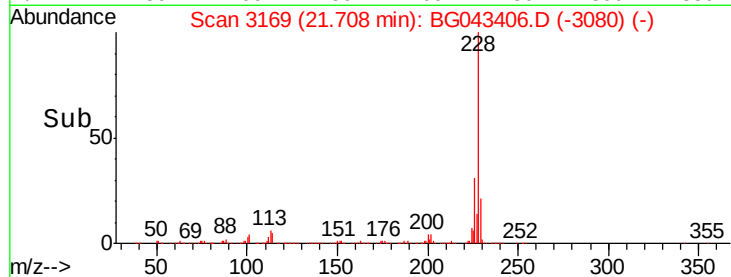
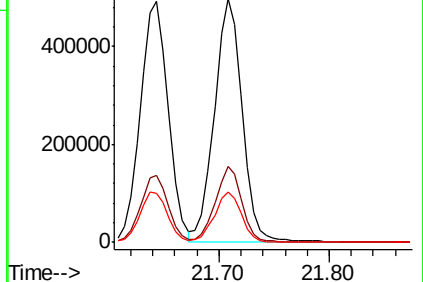
229 20.8 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.607 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

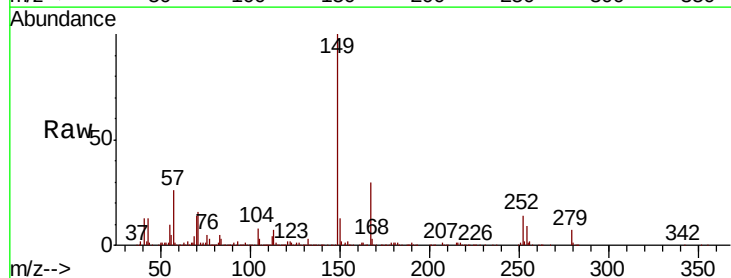
Tgt Ion:149 Resp: 467269

Ion Ratio Lower Upper

149 100

167 29.8 23.9 35.9

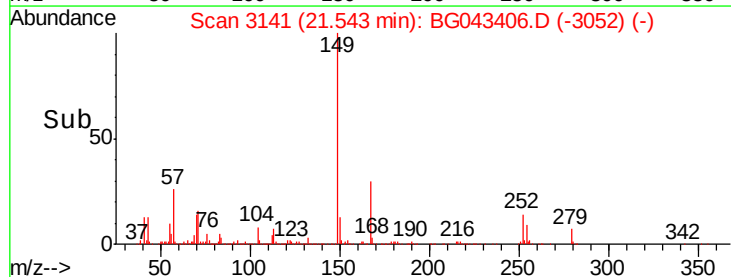
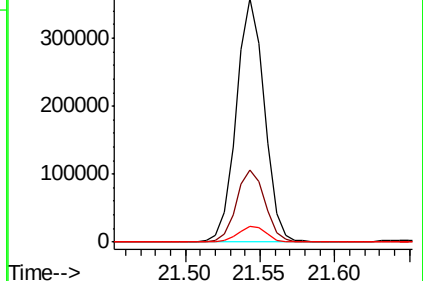
279 6.7 4.8 7.2

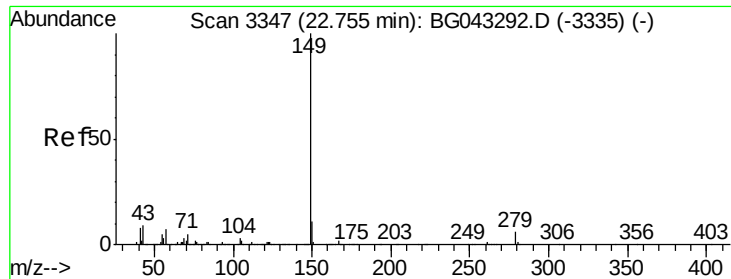


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

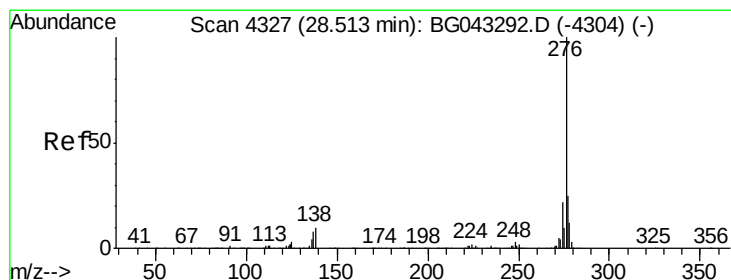
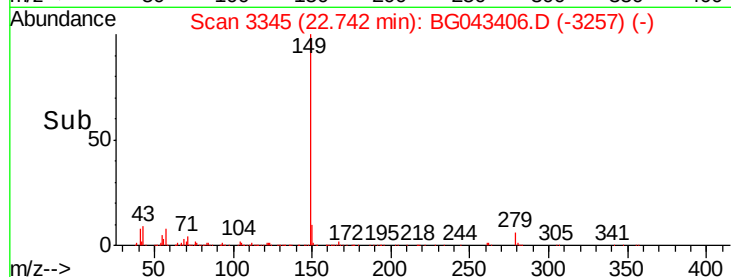
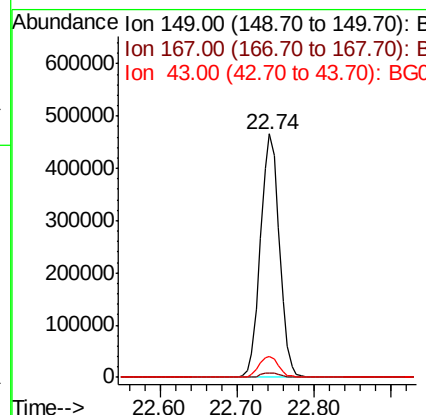
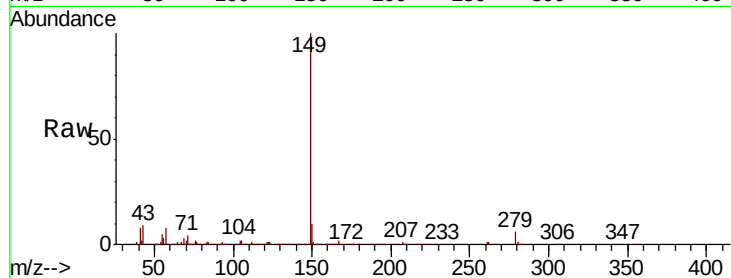




#85
Di-n-octyl phthalate
Concen: 47.253 ng
RT: 22.74 min Scan# 3345
Delta R.T. -0.01 min
Lab File: BG043406.D
Acq: 30 Oct 2019 18:37

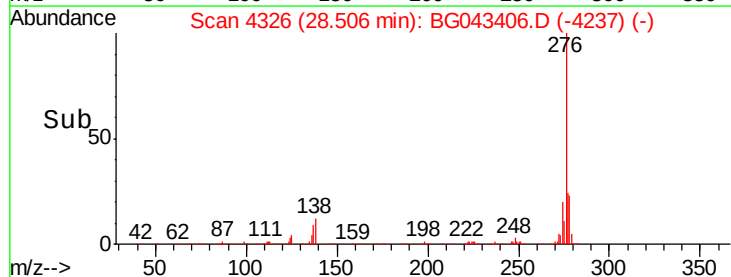
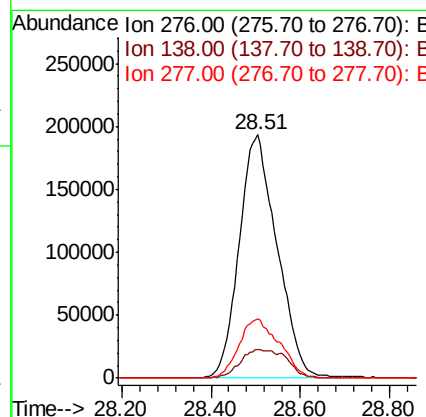
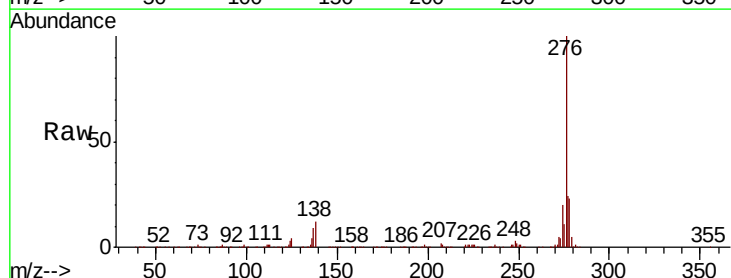
Instrument :
BNA_G
ClientSampleId :

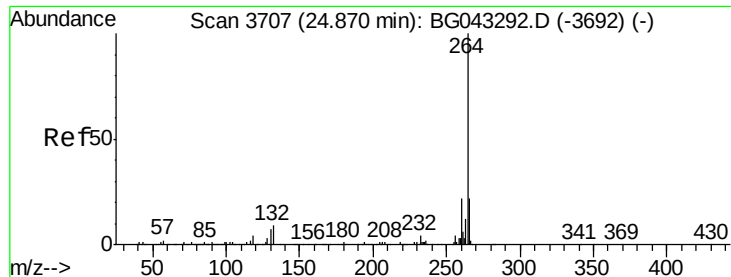
Tot Ion:149 Resp: 803748
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 8.7 6.9 10.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 48.371 ng
RT: 28.51 min Scan# 4326
Delta R.T. -0.01 min
Lab File: BG043406.D
Acq: 30 Oct 2019 18:37

Tgt Ion:276 Resp: 1137283
Ion Ratio Lower Upper
276 100
138 10.5 7.2 10.8
277 26.0 20.9 31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

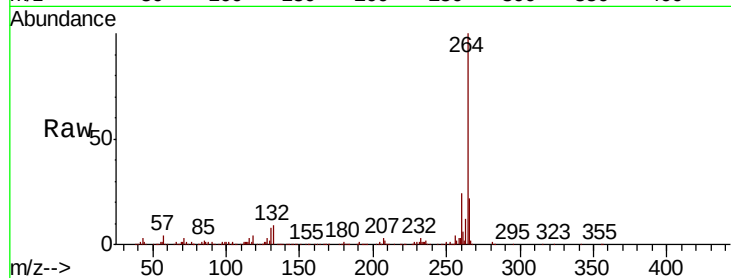
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 351669

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.9	26.9
265	21.8	17.4	26.2

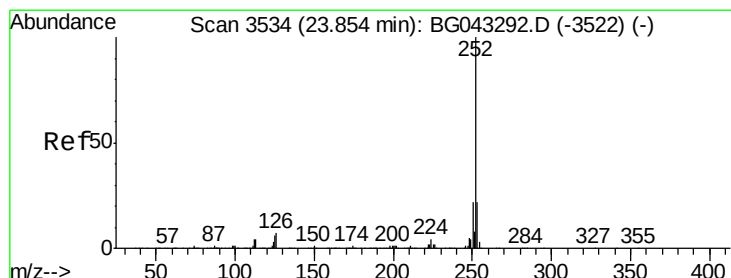
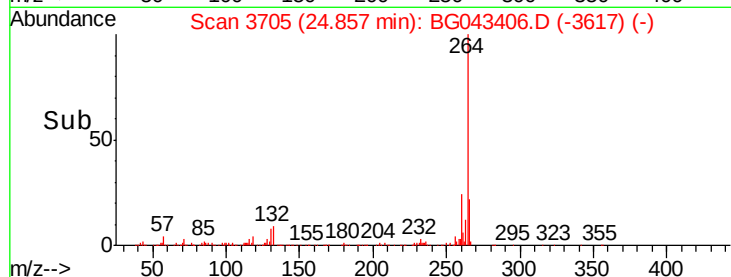
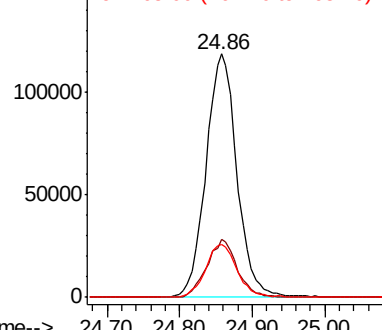


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.008 ng

RT: 23.85 min Scan# 3533

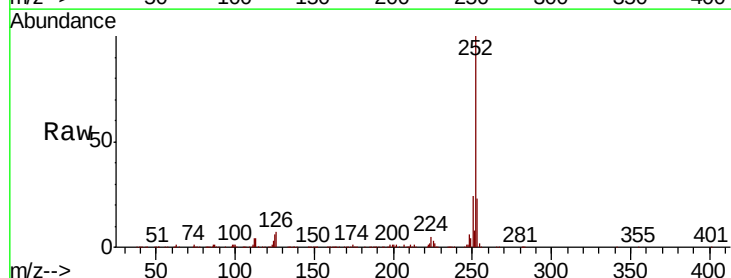
Delta R.T. -0.01 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

Tgt Ion:252 Resp: 936273

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	5.6	5.0	7.6

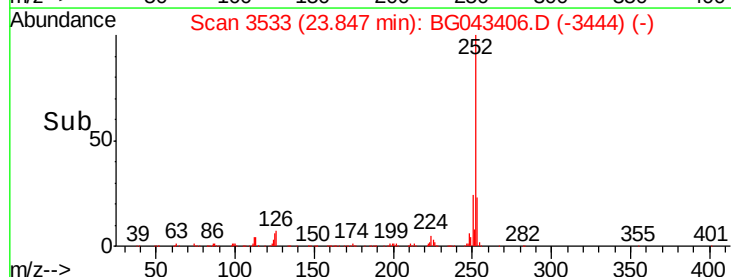
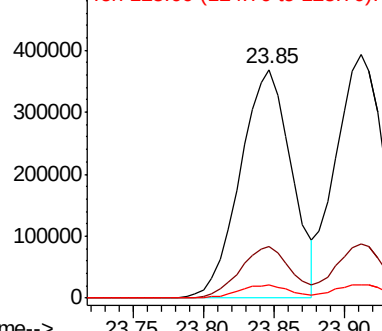


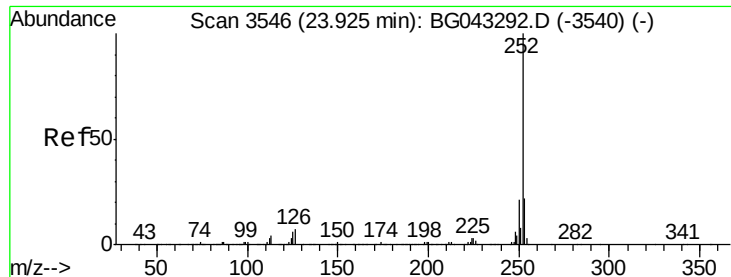
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

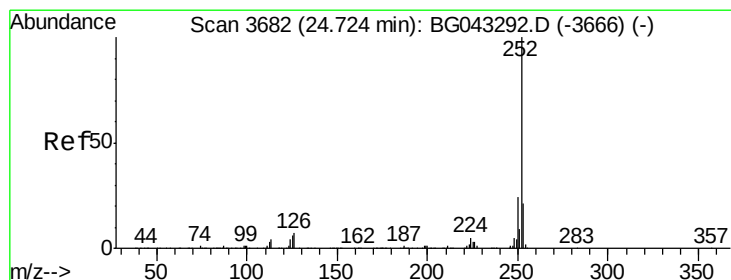
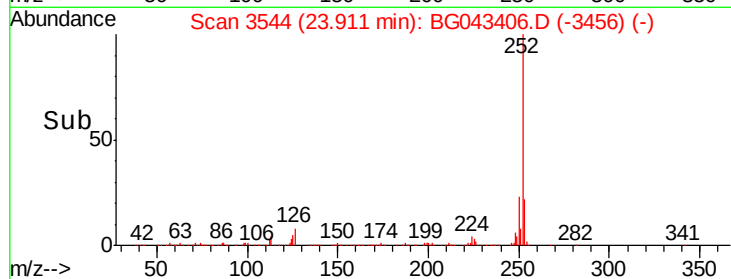
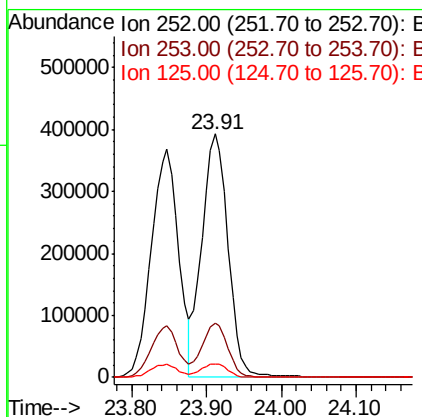
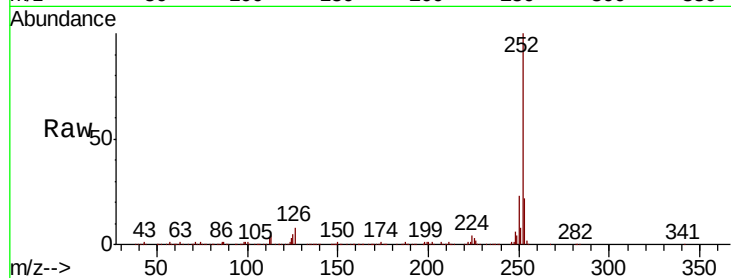




#89
Benzo(k)fluoranthene
Concen: 47.663 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.01 min
Lab File: BG043406.D
Acq: 30 Oct 2019 18:37

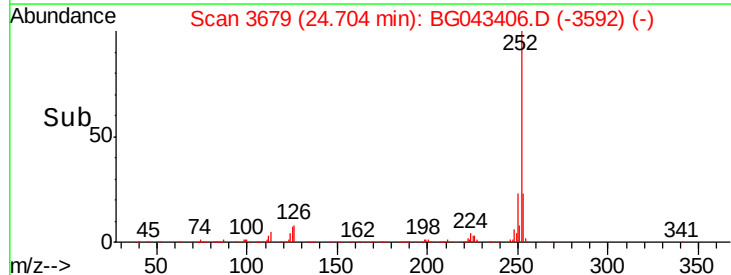
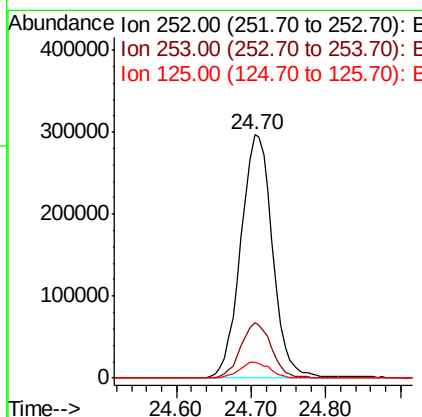
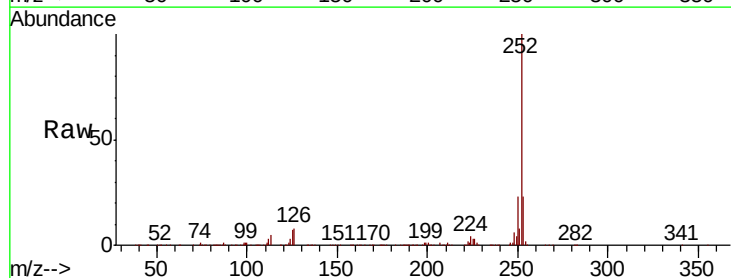
Instrument :
BNA_G
ClientSampled :

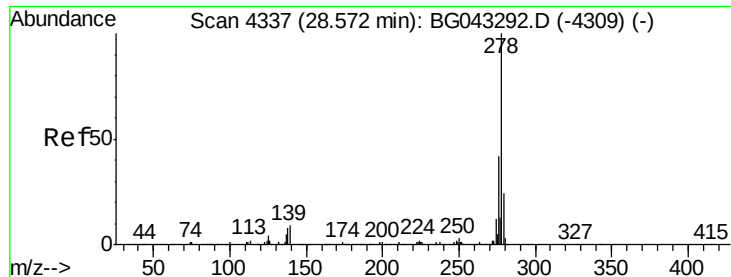
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	5.4	4.5	6.7



#90
Benzo(a)pyrene
Concen: 46.198 ng
RT: 24.70 min Scan# 3679
Delta R.T. -0.02 min
Lab File: BG043406.D
Acq: 30 Oct 2019 18:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	6.7	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 49.497 ng

RT: 28.56 min Scan# 4335

Delta R.T. -0.01 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

Instrument :

BNA_G

ClientSampleId :

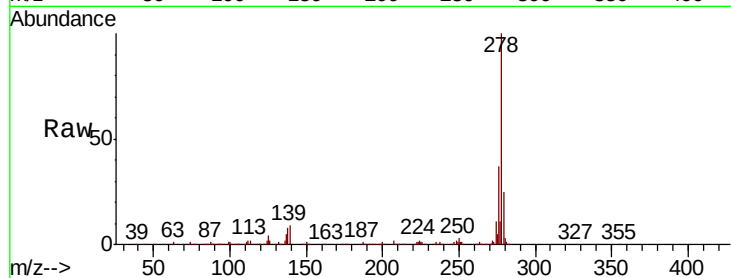
Tot Ion:278 Resp: 962929

Ion Ratio Lower Upper

278 100

139 9.2 6.8 10.2

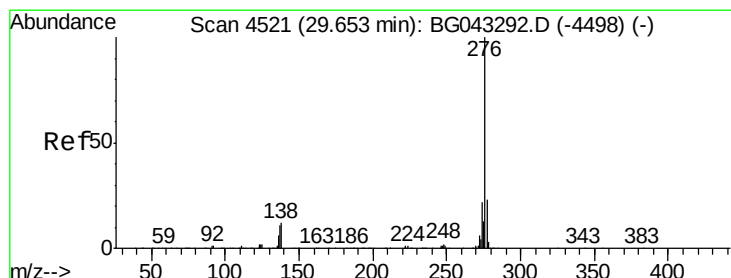
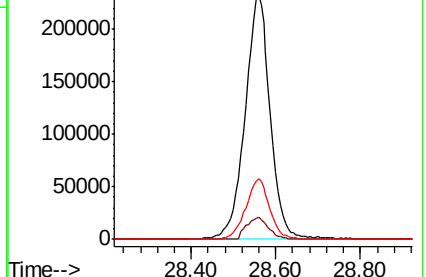
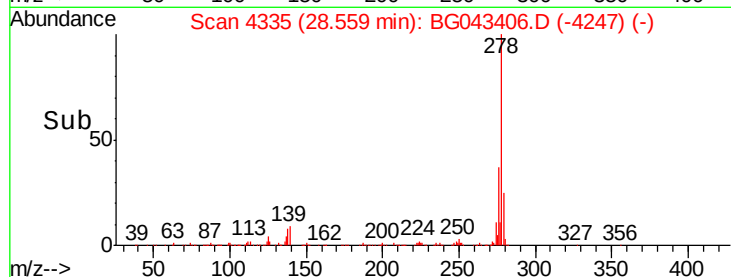
279 24.7 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.814 ng

RT: 29.63 min Scan# 4518

Delta R.T. -0.02 min

Lab File: BG043406.D

Acq: 30 Oct 2019 18:37

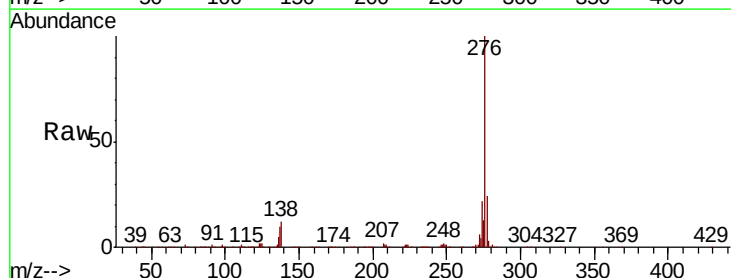
Tgt Ion:276 Resp: 955926

Ion Ratio Lower Upper

276 100

277 24.0 18.3 27.5

138 11.8 9.3 13.9



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

