

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
 Data File : BG042537.D
 Acq On : 28 Aug 2019 18:01
 Operator : HP/JU
 Sample : K4551-18MS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 29 05:58:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	36898	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	135033	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	100082	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	248127	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	287102	20.00	ng	0.00
87) Perylene-d12	24.93	264	348944	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	194261	106.63	ng	0.00
7) Phenol-d6	7.17	99	258739	105.14	ng	0.00
23) Nitrobenzene-d5	9.17	82	147884	75.68	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	164045	115.32	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	398307	67.31	ng	0.00
79) Terphenyl-d14	20.02	244	838327	63.13	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	22339	29.382	ng	93
3) Pyridine	3.83	79	50565	25.936	ng	97
4) n-Nitrosodimethylamine	3.74	42	24290	34.883	ng	92
6) Aniline	7.31	93	86987	26.502	ng	98
8) 2-Chlorophenol	7.57	128	81425	36.878	ng	99
9) Benzaldehyde	7.13	77	48480	39.349	ng	92
10) Phenol	7.19	94	101359	40.509	ng	93
11) bis(2-Chloroethyl)ether	7.41	93	63576	32.353	ng	97
12) 1,3-Dichlorobenzene	7.89	146	95395	33.963	ng	97
13) 1,4-Dichlorobenzene	8.04	146	97418	34.240	ng	98
14) 1,2-Dichlorobenzene	8.35	146	90716	33.295	ng	98
15) Benzyl Alcohol	8.24	79	60383	34.105	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.53	45	83338	31.290	ng	99
17) 2-Methylphenol	8.45	107	65267	35.414	ng	95
18) Hexachloroethane	9.09	117	31970	32.823	ng	92
19) n-Nitroso-di-n-propylamine	8.81	70	50885	31.916	ng	96
20) 3+4-Methylphenols	8.78	107	88446	34.682	ng	97
22) Acetophenone	8.82	105	112794	39.054	ng	# 100
24) Nitrobenzene	9.21	77	75568	38.190	ng	99
25) Isophorone	9.74	82	143013	37.085	ng	98
26) 2-Nitrophenol	9.92	139	49869	40.216	ng	97
27) 2,4-Dimethylphenol	9.99	122	72909	42.683	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	87463	35.984	ng	98
29) 2,4-Dichlorophenol	10.47	162	91793	41.074	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	103365	37.682	ng	98
31) Naphthalene	10.87	128	242005	38.602	ng	99
32) Benzoic acid	10.09	122	2542	9.871	ng	# 87
33) 4-Chloroaniline	10.98	127	82260	28.424	ng	97
34) Hexachlorobutadiene	11.16	225	68218	37.004	ng	97
35) Caprolactam	11.76	113	30942	41.493	ng	97
36) 4-Chloro-3-methylphenol	12.11	107	84791	39.967	ng	99
37) 2-Methylnaphthalene	12.48	142	193912	38.521	ng	99
38) 1-Methylnaphthalene	12.70	142	182183	38.101	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	131511	40.918	ng	98

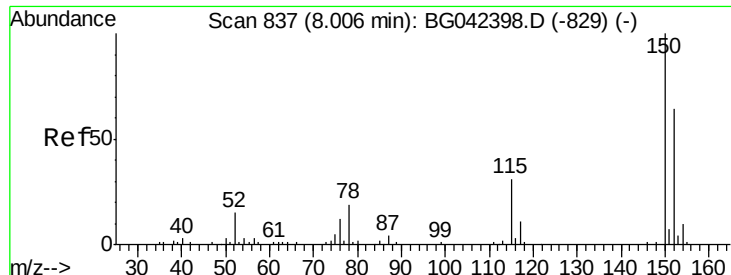
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
 Data File : BG042537.D
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 Operator : HP/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	148541	87.984	ng	100
43) 2,4,6-Trichlorophenol	13.10	196	90241	41.539	ng	94
44) 2,4,5-Trichlorophenol	13.17	196	99112	44.025	ng	98
46) 1,1'-Biphenyl	13.49	154	258436	39.948	ng	97
47) 2-Chloronaphthalene	13.53	162	212828	38.153	ng	99
48) 2-Nitroaniline	13.74	65	49716	36.959	ng	99
49) Acenaphthylene	14.38	152	339146	40.411	ng	99
50) Dimethylphthalate	14.11	163	314395	43.537	ng	99
51) 2,6-Dinitrotoluene	14.23	165	66769	39.890	ng	93
52) Acenaphthene	14.72	154	195188	38.302	ng	99
53) 3-Nitroaniline	14.56	138	52427	31.318	ng	99
54) 2,4-Dinitrophenol	14.78	184	66154	60.303	ng	97
55) Dibenzofuran	15.06	168	341789	40.519	ng	99
56) 4-Nitrophenol	14.89	139	110504	92.899	ng	97
57) 2,4-Dinitrotoluene	15.02	165	95394	39.799	ng	98
58) Fluorene	15.71	166	277889	40.301	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	101973	45.803	ng	94
60) Diethylphthalate	15.48	149	272381	38.585	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	161140	38.767	ng	98
62) 4-Nitroaniline	15.73	138	74047	41.330	ng	95
63) Azobenzene	15.99	77	188792	39.030	ng	96
65) 4,6-Dinitro-2-methylphenol	15.79	198	68050	43.744	ng	98
66) n-Nitrosodiphenylamine	15.91	169	261075	38.260	ng	99
67) 4-Bromophenyl-phenylether	16.59	248	116553	37.032	ng	99
68) Hexachlorobenzene	16.72	284	122388	35.771	ng	96
69) Atrazine	16.86	200	106650	44.197	ng	99
70) Pentachlorophenol	17.07	266	146397	82.352	ng	95
71) Phenanthrene	17.46	178	500906	40.642	ng	99
72) Anthracene	17.54	178	510486	41.490	ng	100
73) Carbazole	17.81	167	471081	42.959	ng	99
74) Di-n-butylphthalate	18.37	149	526536	40.620	ng	100
75) Fluoranthene	19.46	202	692380	46.031	ng	97
77) Benzidine	19.64	184	263709	32.037	ng	99
78) Pyrene	19.83	202	700174	39.778	ng	98
80) Butylbenzylphthalate	20.71	149	259869	37.536	ng	97
81) Benzo(a)anthracene	21.67	228	701037	40.140	ng	98
82) 3,3'-Dichlorobenzidine	21.58	252	215253	30.645	ng	99
83) Chrysene	21.74	228	687359	40.809	ng	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	379113	39.439	ng	98
85) Di-n-octyl phthalate	22.79	149	653425	39.523	ng	99
86) Indeno(1,2,3-cd)pyrene	28.64	276	918593	40.131	ng	# 96
88) Benzo(b)fluoranthene	23.90	252	786112	40.978	ng	99
89) Benzo(k)fluoranthene	23.97	252	760405	41.238	ng	99
90) Benzo(a)pyrene	24.78	252	775137	42.581	ng	99
91) Dibenzo(a,h)anthracene	28.70	278	759142	41.188	ng	98
92) Benzo(g,h,i)perylene	29.80	276	772487	41.905	ng	97

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

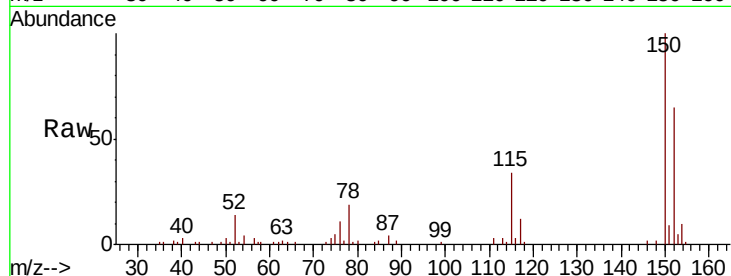


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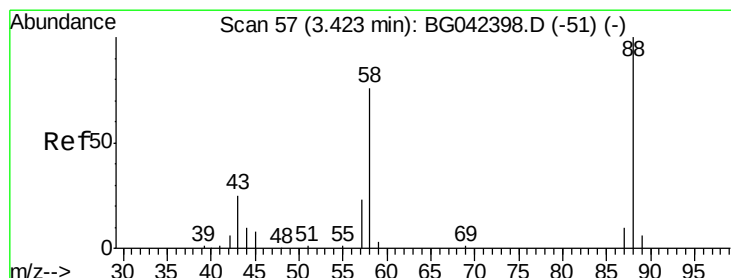
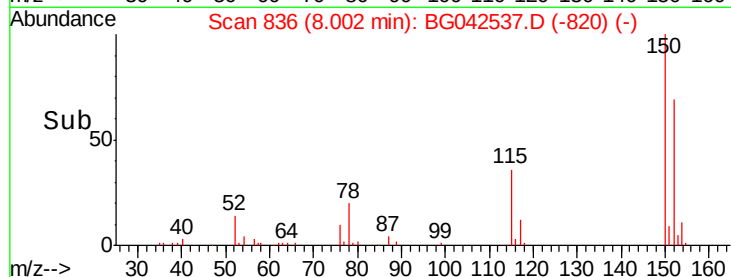
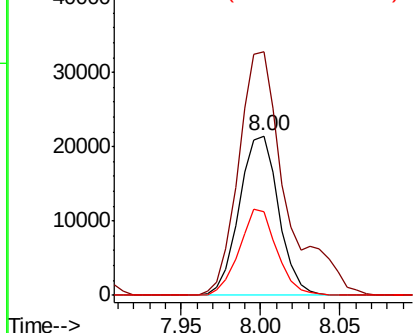
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG042537.D
Acq: 28 Aug 2019 18:01

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 36898
Ion Ratio Lower Upper
152 100
150 152.7 125.4 188.0
115 52.3 38.5 57.7



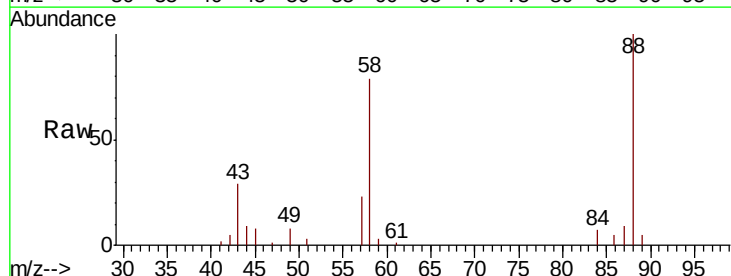
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



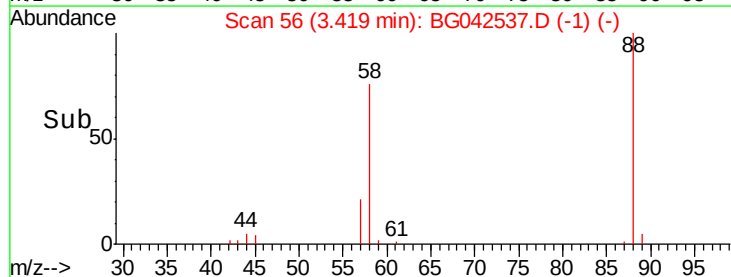
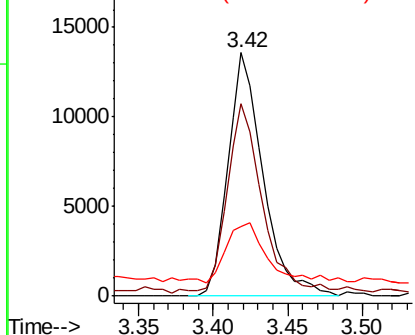
#2

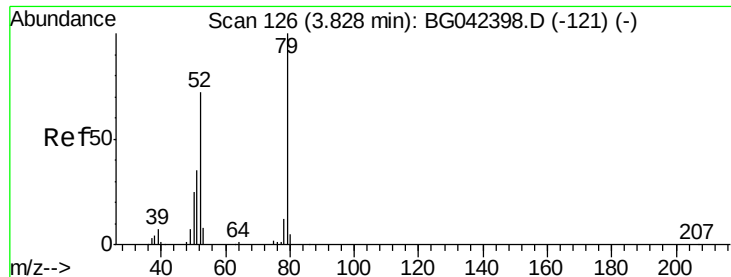
1,4-Dioxane
Concen: 29.382 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.00 min
Lab File: BG042537.D
Acq: 28 Aug 2019 18:01

Tgt Ion: 88 Resp: 22339
Ion Ratio Lower Upper
88 100
58 78.7 58.3 87.5
43 28.9 20.2 30.2



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





#3

Pvridine

Concen: 25.936 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

Instrument :

BNA_G

ClientSampleId :

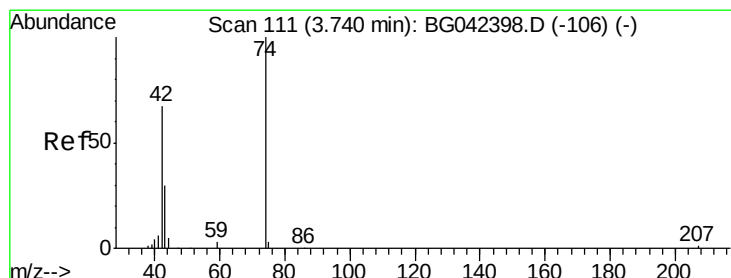
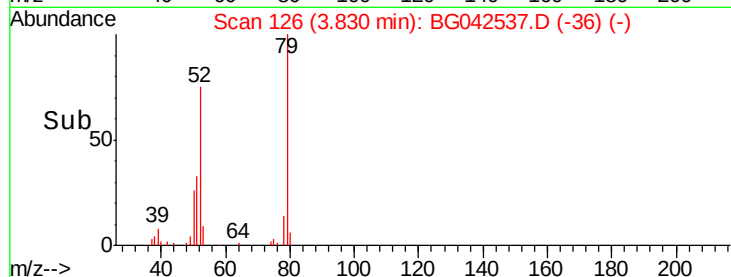
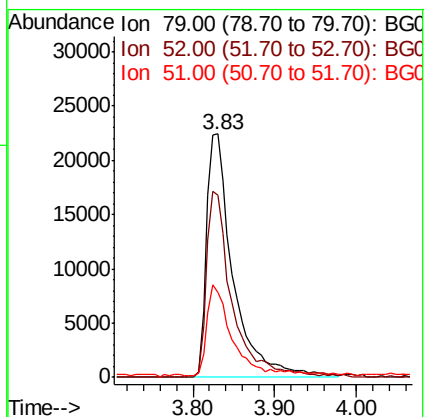
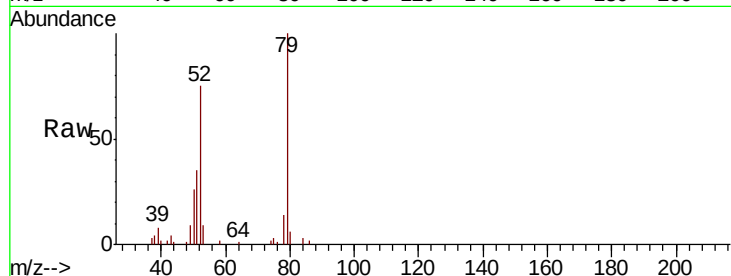
Tot Ion: 79 Resp: 50565

Ion Ratio Lower Upper

79 100

52 74.7 57.7 86.5

51 34.9 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 34.883 ng

RT: 3.74 min Scan# 111

Delta R.T. 0.00 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

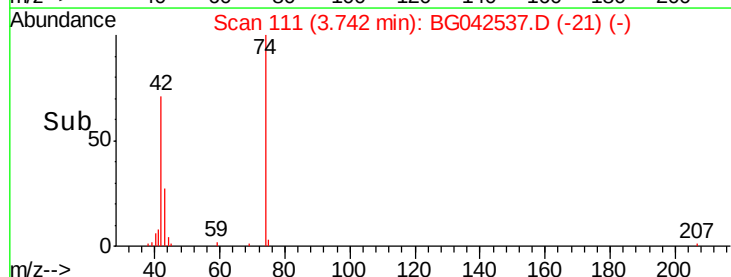
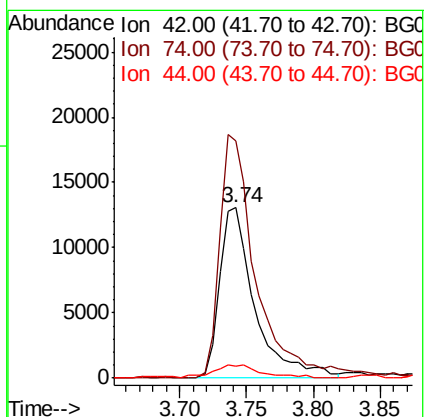
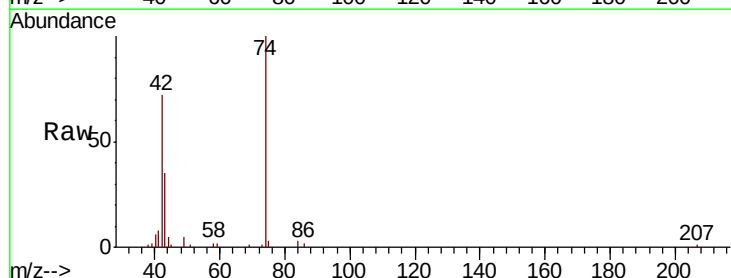
Tgt Ion: 42 Resp: 24290

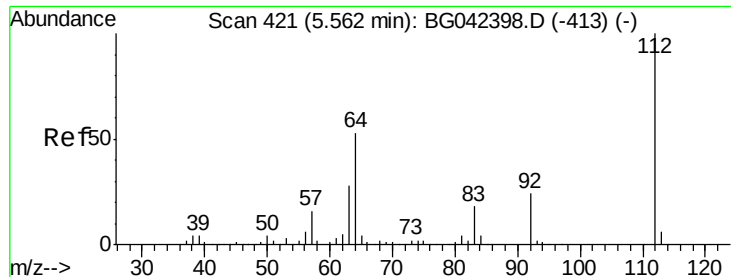
Ion Ratio Lower Upper

42 100

74 139.5 119.6 179.4

44 7.1 6.5 9.7





#5

2-Fluorophenol

Concen: 106.628 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

Instrument :

BNA_G

ClientSampled :

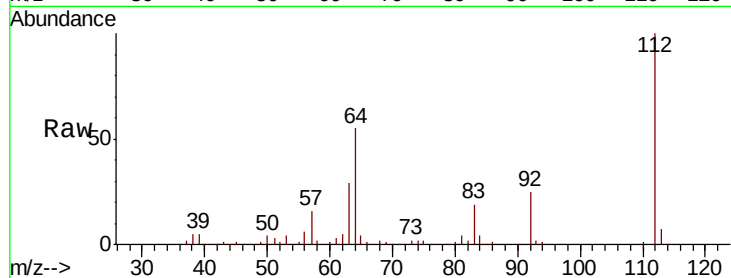
Tot Ion:112 Resp: 194261

Ion Ratio Lower Upper

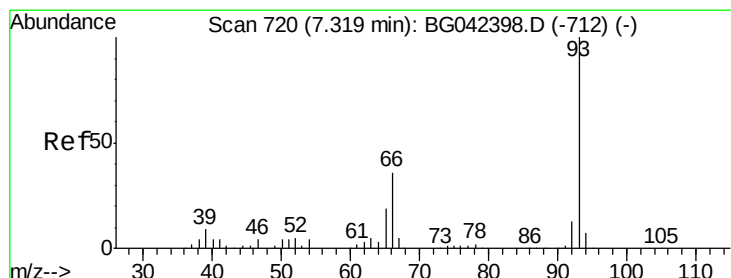
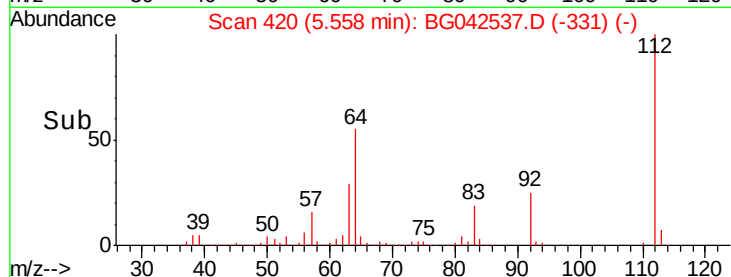
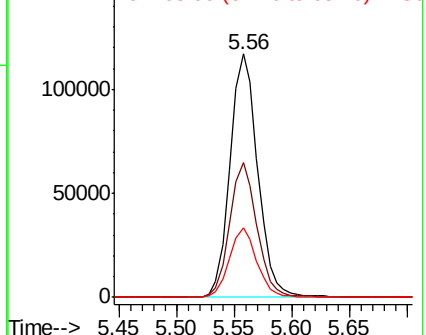
112 100

64 55.2 42.8 64.2

63 28.8 22.7 34.1



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



#6

Aniline

Concen: 26.502 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

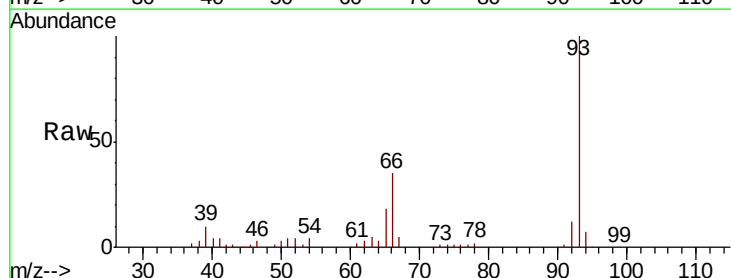
Tgt Ion: 93 Resp: 86987

Ion Ratio Lower Upper

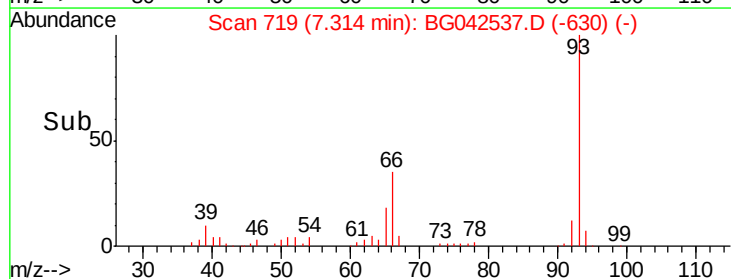
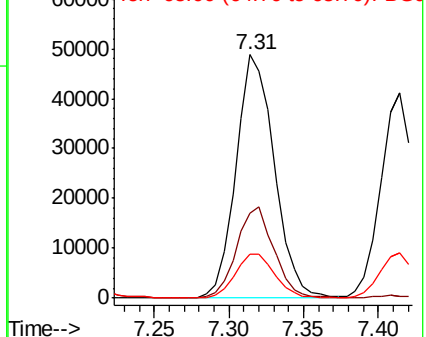
93 100

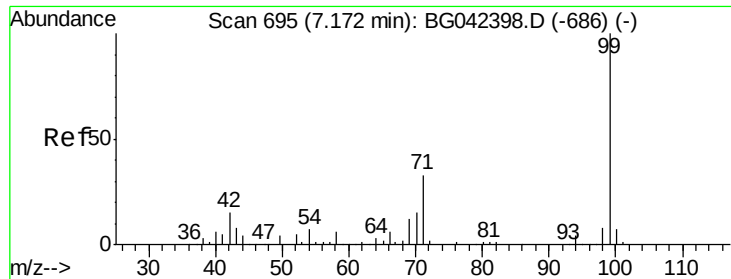
66 34.7 29.0 43.6

65 18.1 15.2 22.8



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





#7

Phenol-d6

Concen: 105.139 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

Instrument :

BNA_G

ClientSampleId :

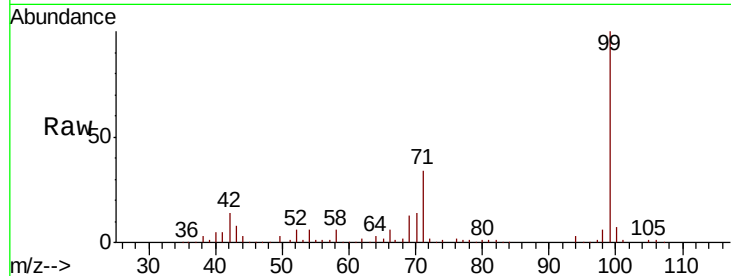
Tot Ion: 99 Resp: 258739

Ion Ratio Lower Upper

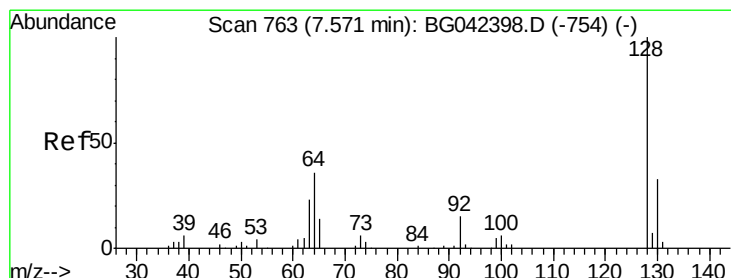
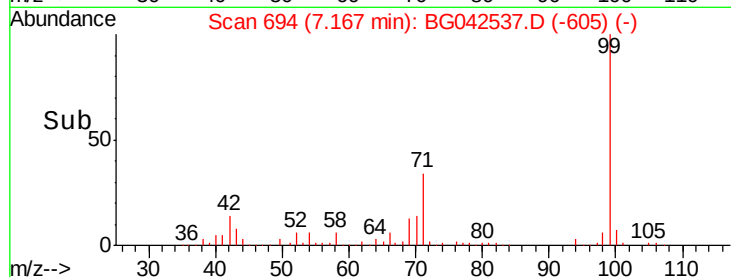
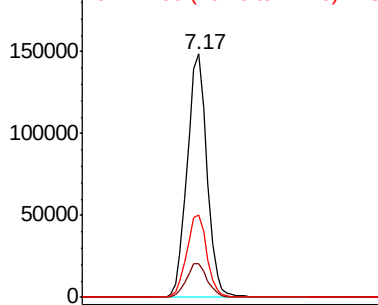
99 100

42 14.0 12.0 18.0

71 33.7 26.3 39.5



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



#8

2-Chlorophenol

Concen: 36.878 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

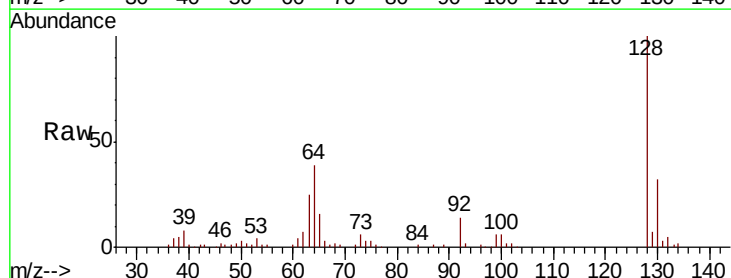
Tgt Ion: 128 Resp: 81425

Ion Ratio Lower Upper

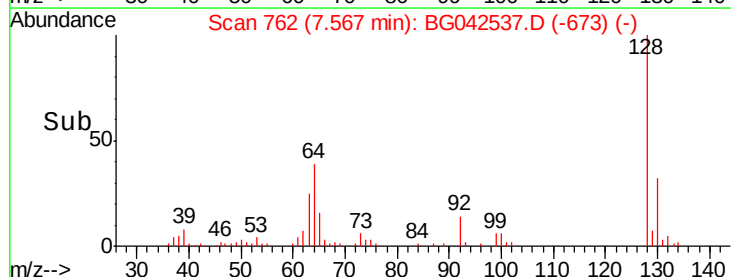
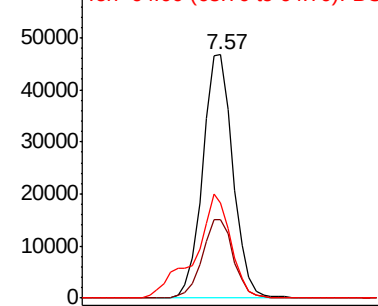
128 100

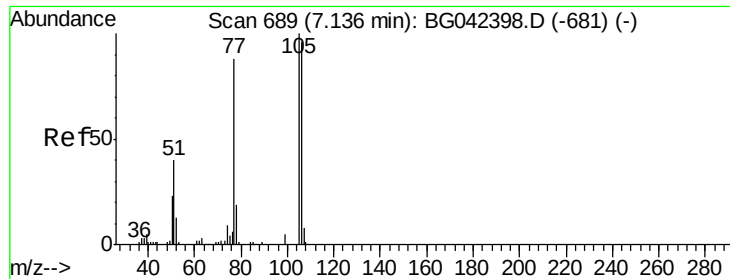
130 32.1 12.8 52.8

64 39.0 19.2 59.2



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





#9

Benzaldehyde

Concen: 39.349 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

Instrument :

BNA_G

ClientSampleId :

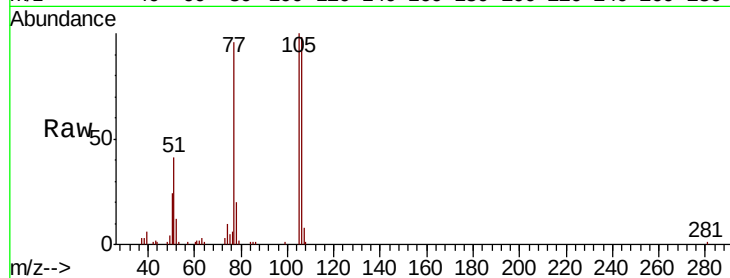
Tot Ion: 77 Resp: 48480

Ion Ratio Lower Upper

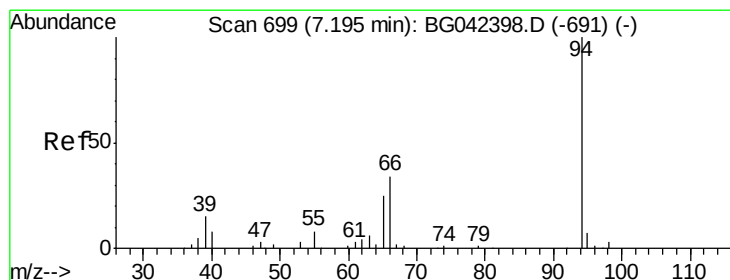
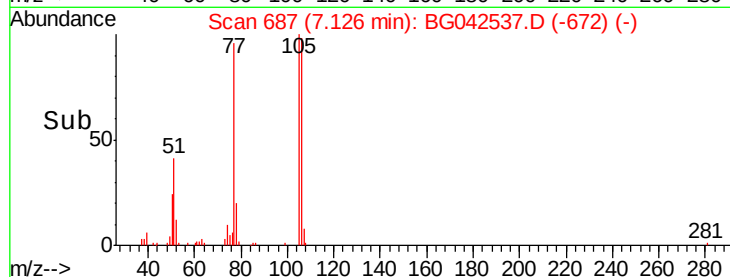
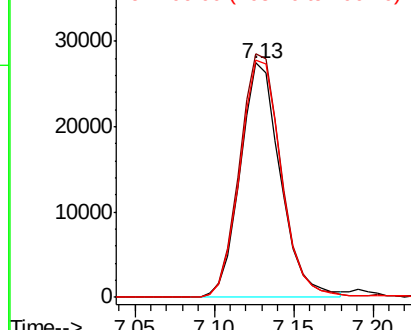
77 100

105 104.0 93.4 133.4

106 101.4 88.4 128.4



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



#10

Phenol

Concen: 40.509 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

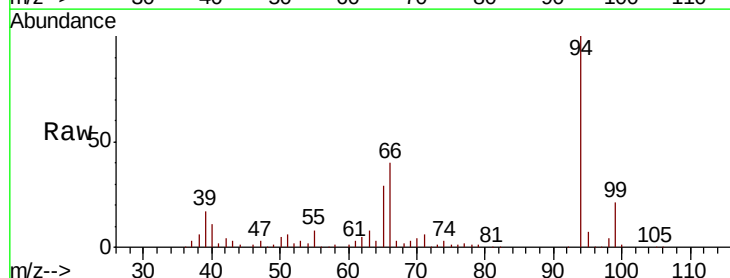
Tgt Ion: 94 Resp: 101359

Ion Ratio Lower Upper

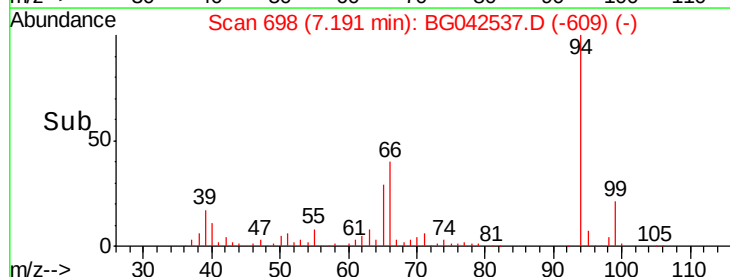
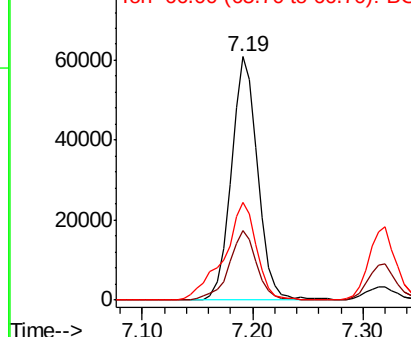
94 100

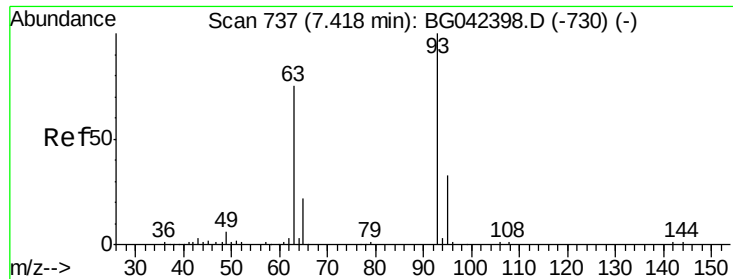
65 28.7 5.6 45.6

66 40.0 16.0 56.0



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: 32.353 ng

RT: 7.41 min Scan# 736

Delta R.T. -0.00 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

Instrument :

BNA_G

ClientSampleId :

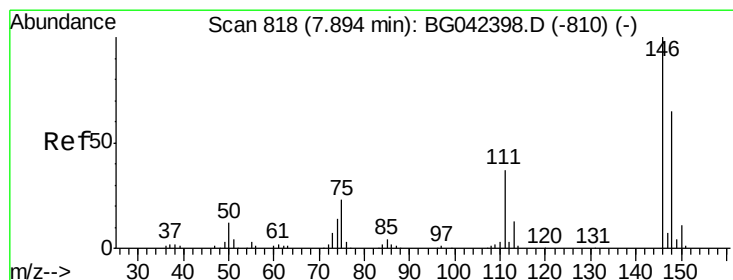
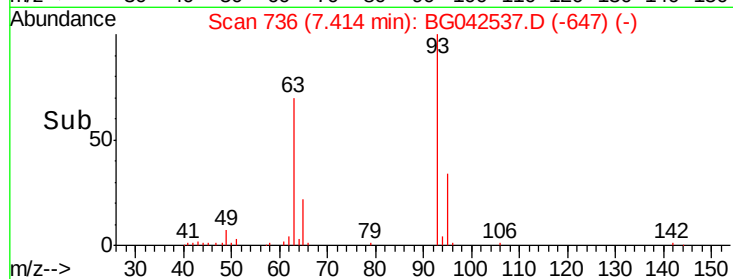
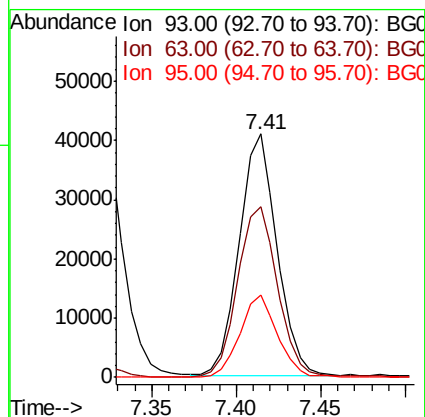
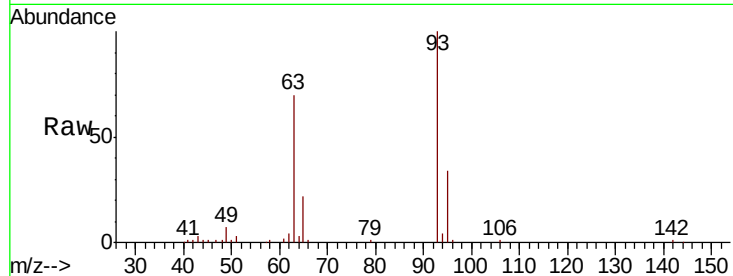
Tot Ion: 93 Resp: 63576

Ion Ratio Lower Upper

93 100

63 70.1 53.8 93.8

95 33.6 13.1 53.1



#12

1,3-Dichlorobenzene

Concen: 33.963 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.00 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

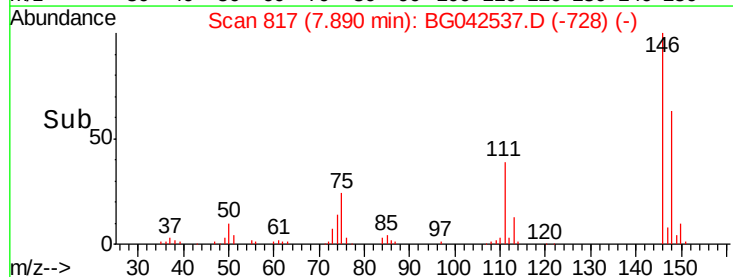
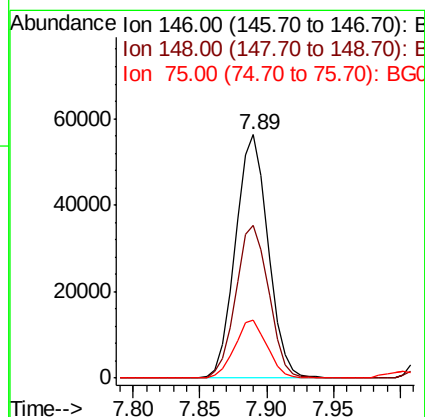
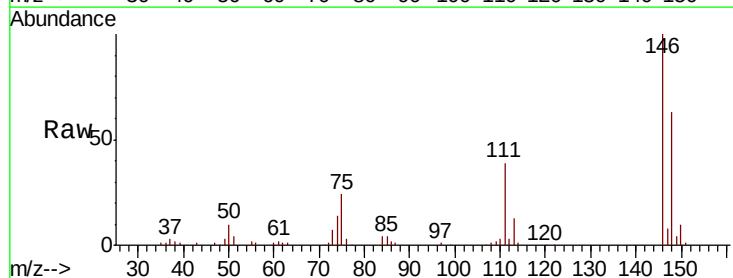
Tgt Ion: 146 Resp: 95395

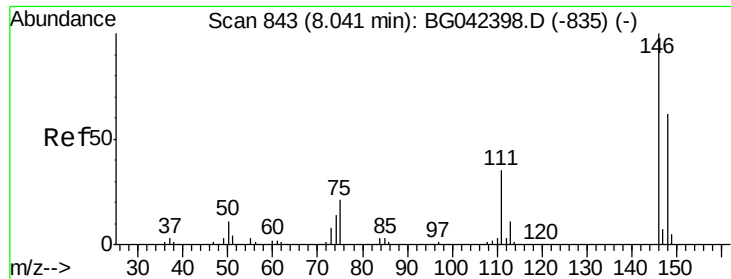
Ion Ratio Lower Upper

146 100

148 62.5 52.2 78.2

75 23.8 18.0 27.0

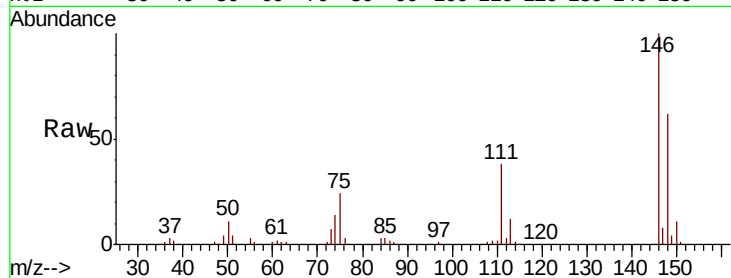




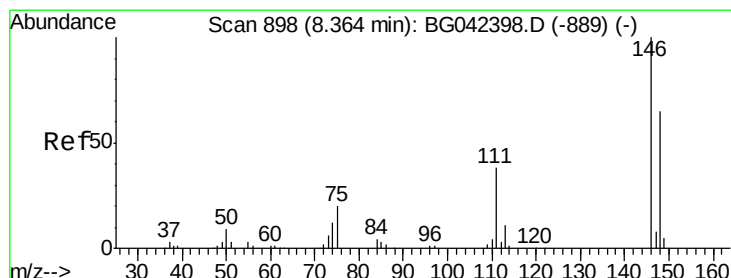
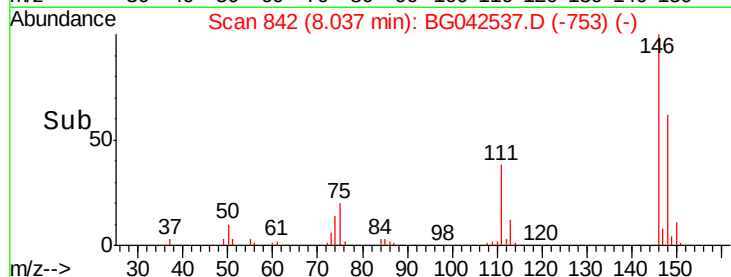
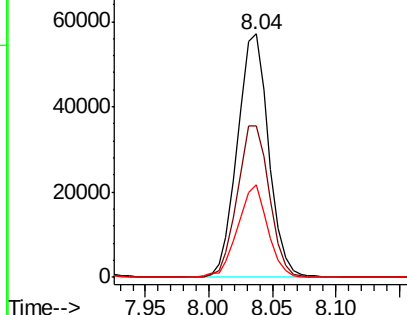
#13
 1,4-Dichlorobenzene
 Concen: 34.240 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BG042537.D
 Acq: 28 Aug 2019 18:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 97418
 Ion Ratio Lower Upper
 146 100
 148 62.2 49.5 74.3
 111 37.8 28.1 42.1

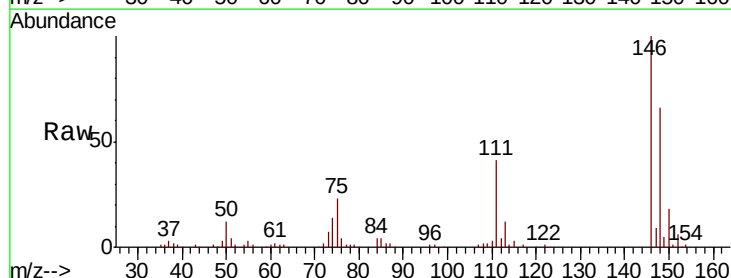


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

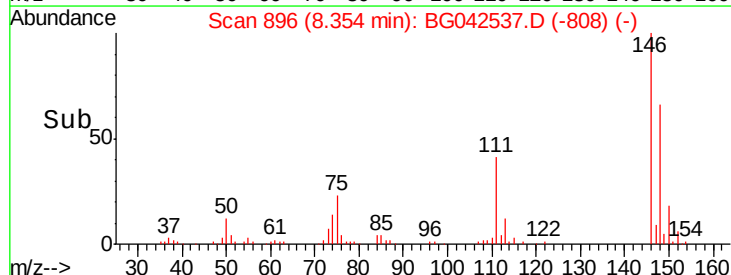
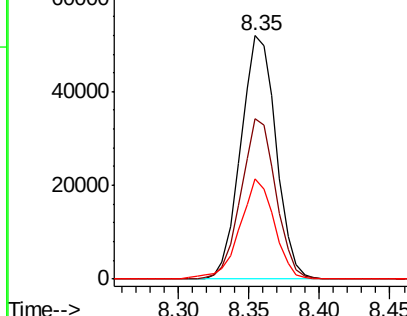


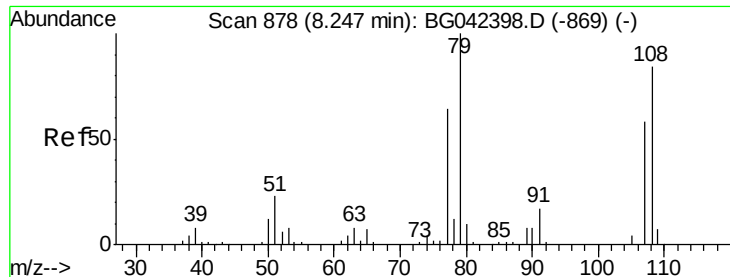
#14
 1,2-Dichlorobenzene
 Concen: 33.295 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG042537.D
 Acq: 28 Aug 2019 18:01

Tgt Ion:146 Resp: 90716
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.8 77.6
 111 40.9 30.9 46.3



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.105 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

Instrument :

BNA_G

ClientSampled :

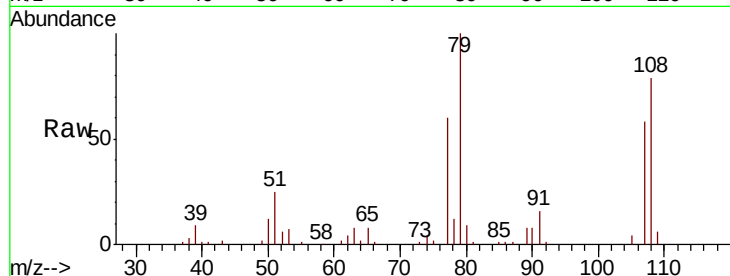
Tot Ion: 79 Resp: 60383

Ion Ratio Lower Upper

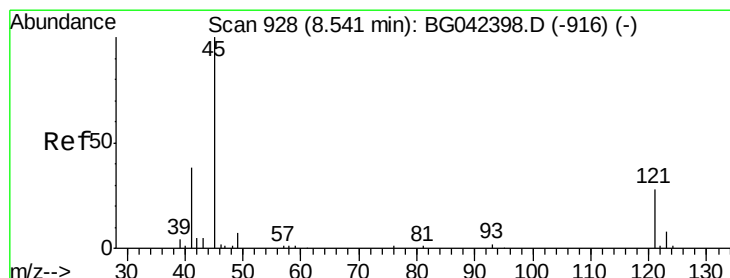
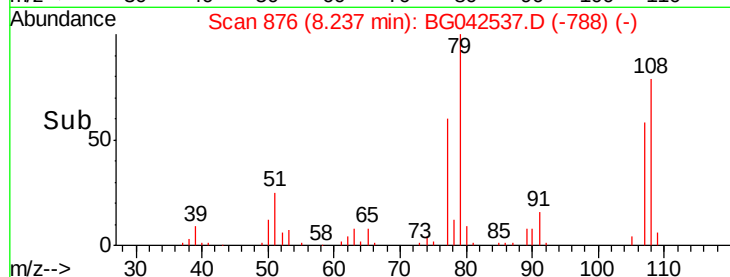
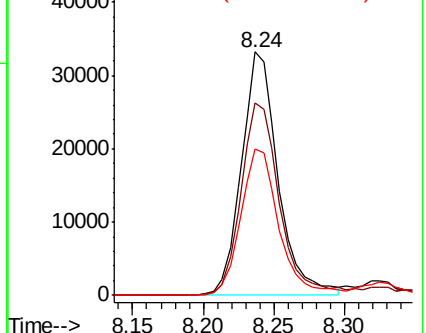
79 100

108 79.1 67.4 101.2

77 59.9 50.8 76.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.290 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

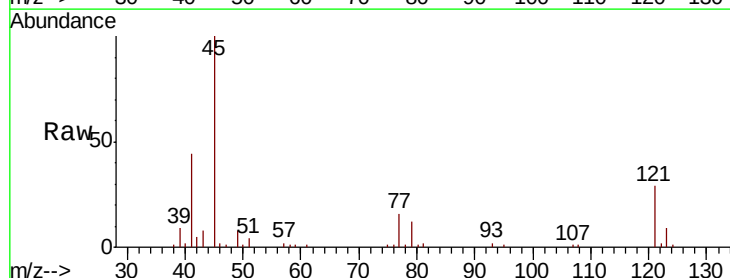
Tgt Ion: 45 Resp: 83338

Ion Ratio Lower Upper

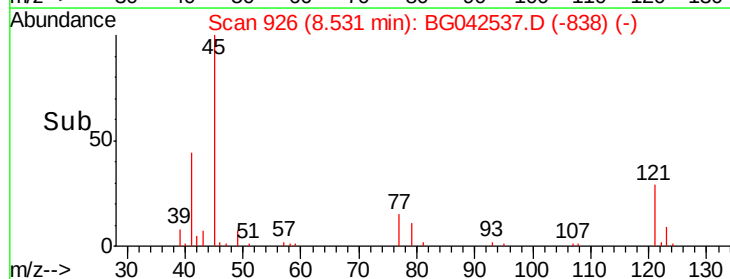
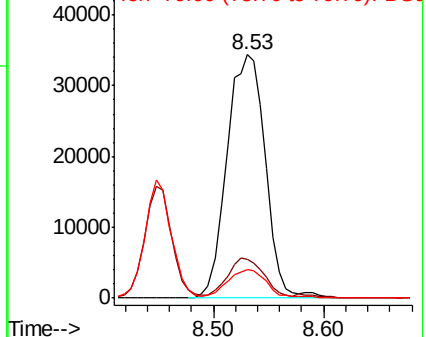
45 100

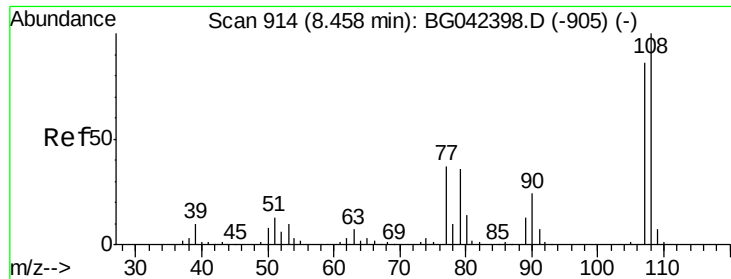
77 16.0 0.0 35.6

79 11.6 0.0 31.6



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

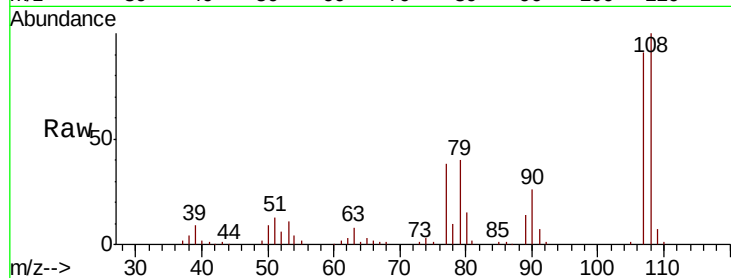




#17
2-Methylphenol
Concen: 35.414 ng
RT: 8.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG042537.D
Acq: 28 Aug 2019 18:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.5	92.9	139.3
77	41.3	34.4	51.6
79	43.7	33.8	50.6



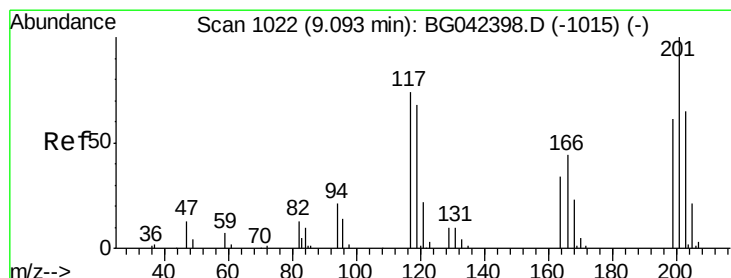
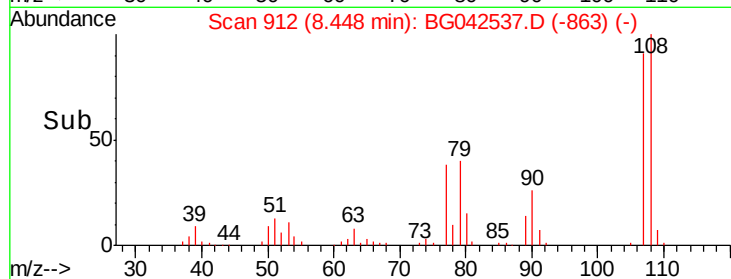
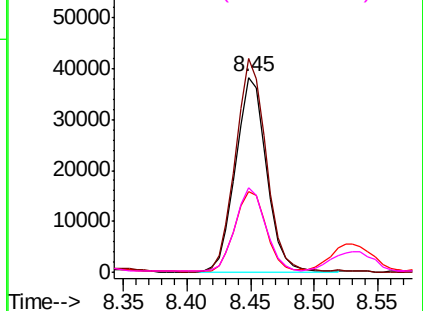
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

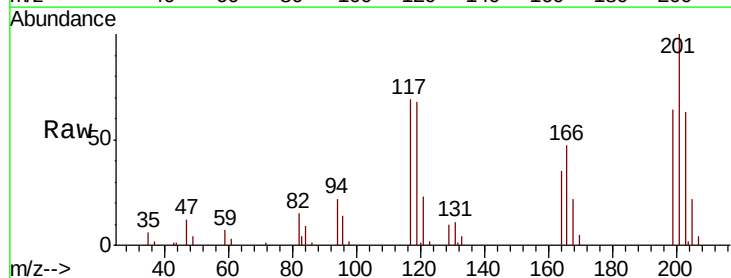
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 32.823 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG042537.D
Acq: 28 Aug 2019 18:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.7	73.8	110.8
201	145.3	108.3	162.5

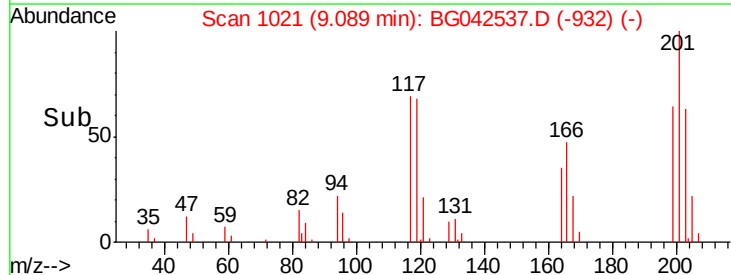
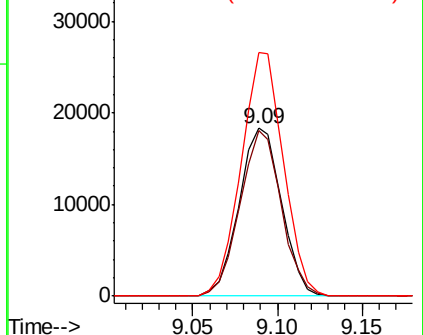


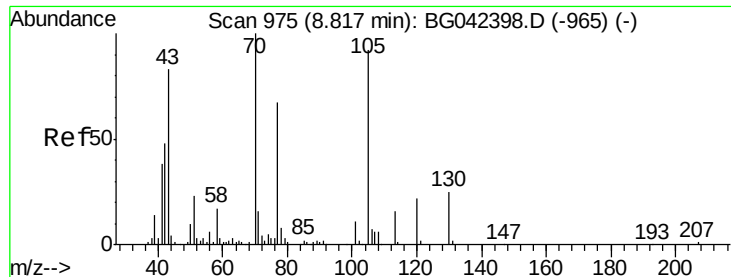
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

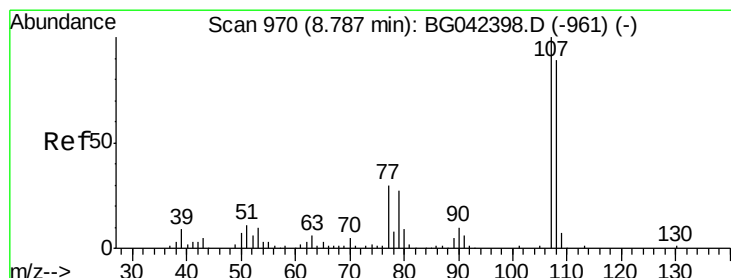
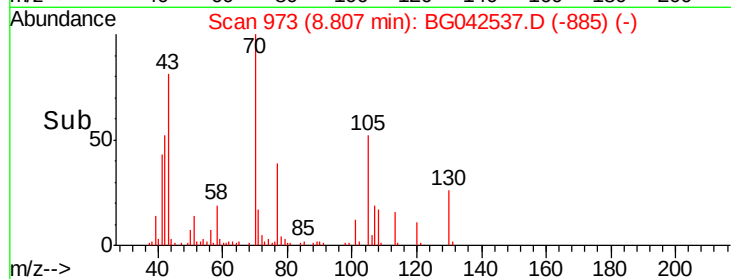
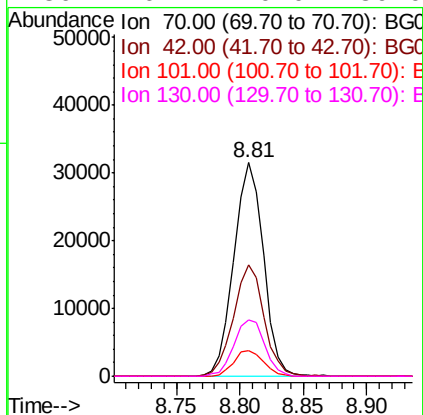
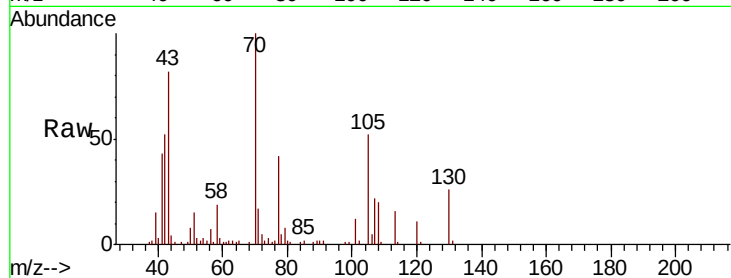




#19
n-Nitroso-di-n-propylamine
Concen: 31.916 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042537.D
Acq: 28 Aug 2019 18:01

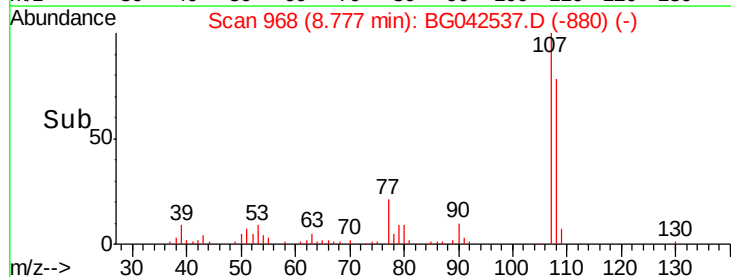
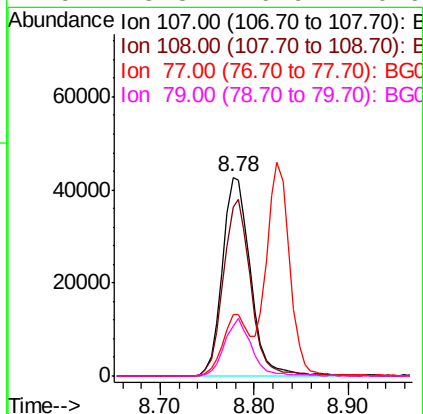
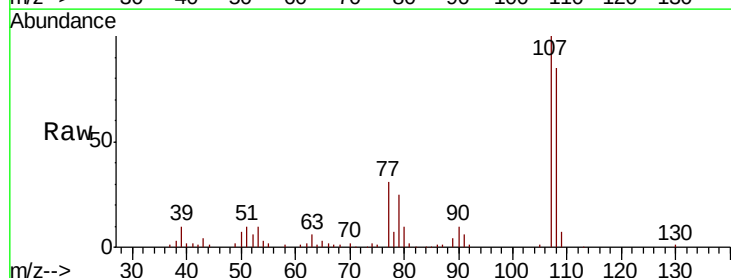
Instrument :
BNA_G
ClientSampled :

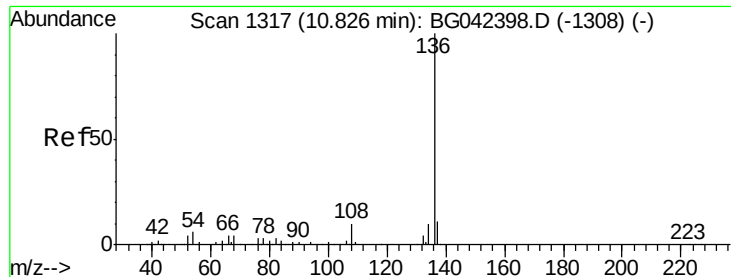
Tot Ion:	70	Resp:	50885
Ion	Ratio	Lower	Upper
70	100		
42	51.9	38.8	58.2
101	11.8	9.0	13.6
130	26.4	20.0	30.0



#20
3+4-Methylphenols
Concen: 34.682 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG042537.D
Acq: 28 Aug 2019 18:01

Tgt Ion:	107	Resp:	88446
Ion	Ratio	Lower	Upper
107	100		
108	85.3	68.7	108.7
77	30.9	10.2	50.2
79	25.3	6.9	46.9

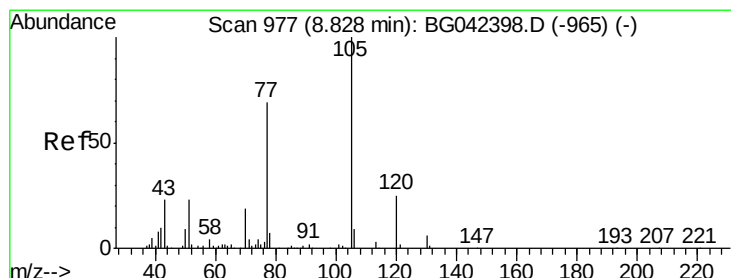
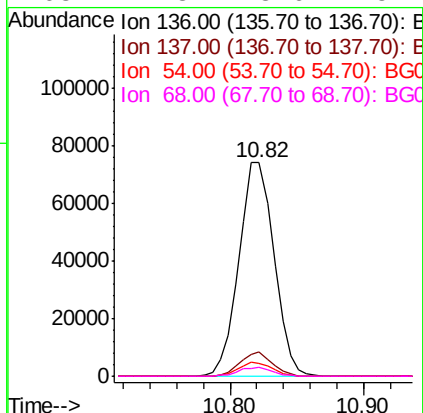
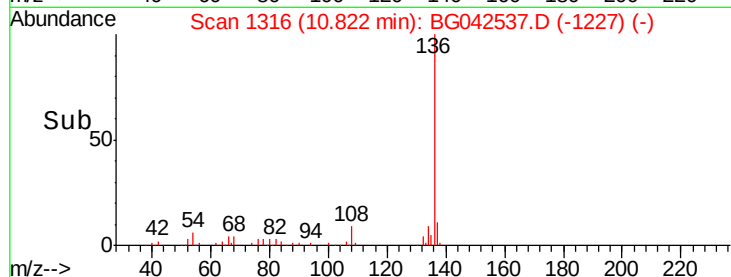
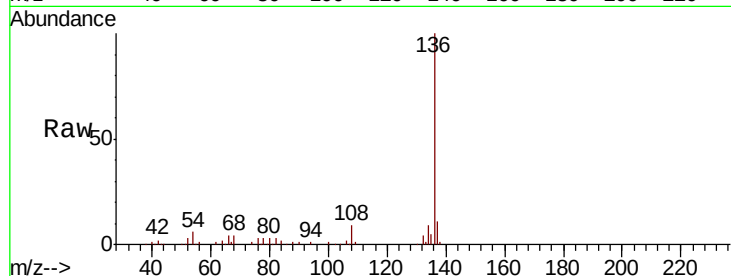




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042537.D
Acq: 28 Aug 2019 18:01

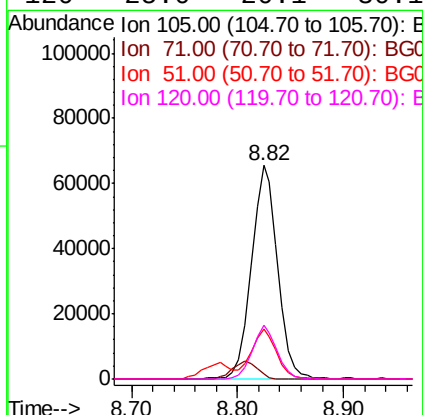
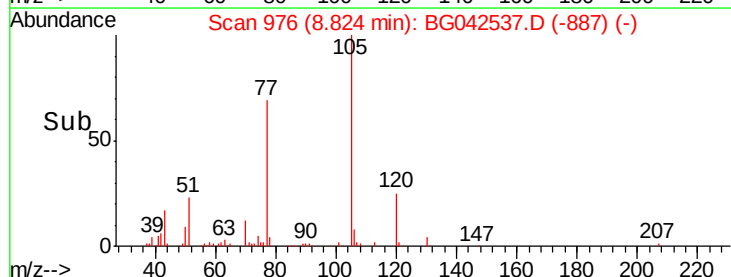
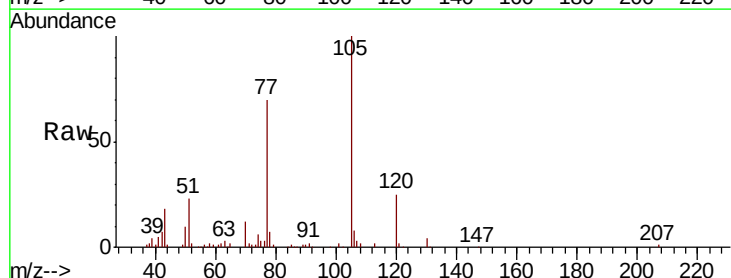
Instrument :
BNA_G
ClientSampleId :

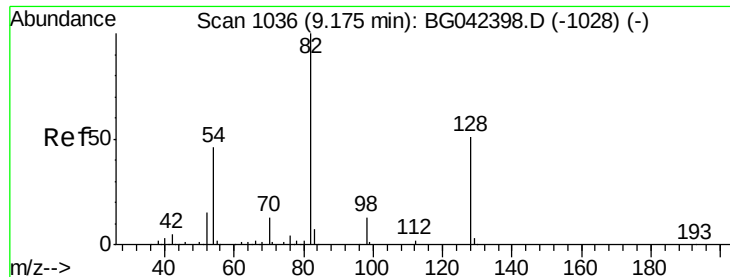
Tot Ion:136	Resp:	135033
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.7	13.1
54 6.1	4.9	7.3
68 4.3	3.6	5.4



#22
Acetophenone
Concen: 39.054 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG042537.D
Acq: 28 Aug 2019 18:01

Tgt	Ion:105	Resp:	112794
Ion	Ratio	Lower	Upper
105	100		
71	2.3	2.8	4.2#
51	23.4	18.7	28.1
120	25.0	20.1	30.1

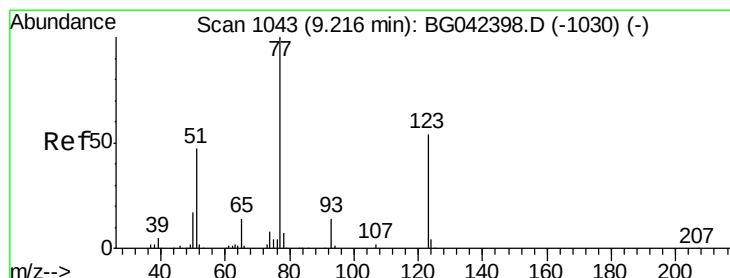
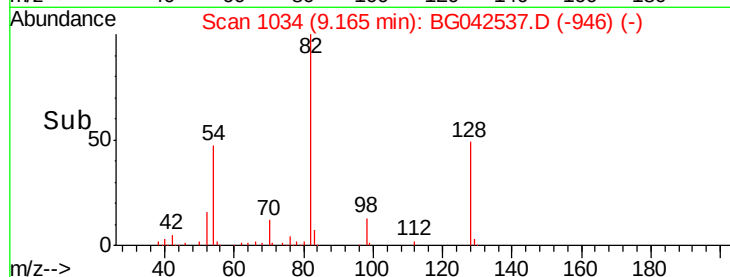
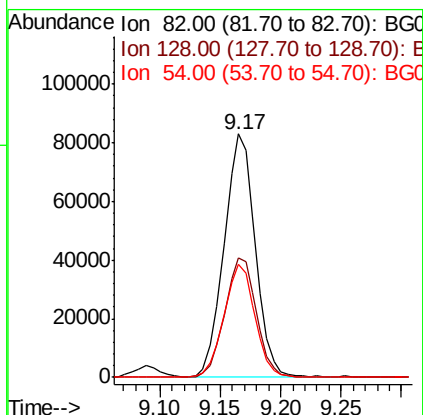
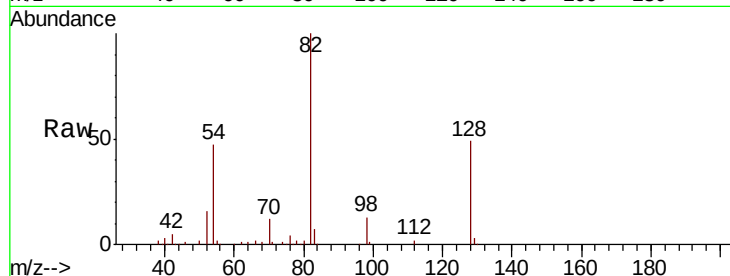




#23
 Nitrobenzene-d5
 Concen: 75.681 ng
 RT: 9.17 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042537.D
 Acq: 28 Aug 2019 18:01

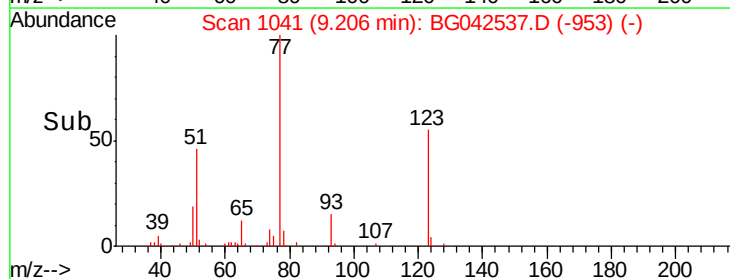
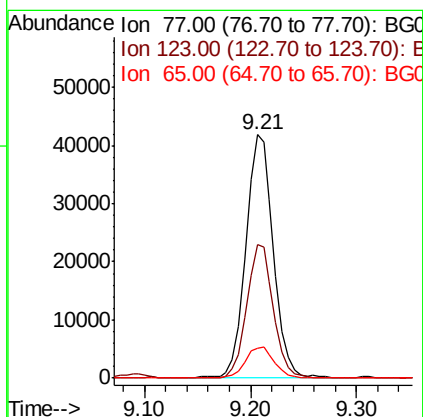
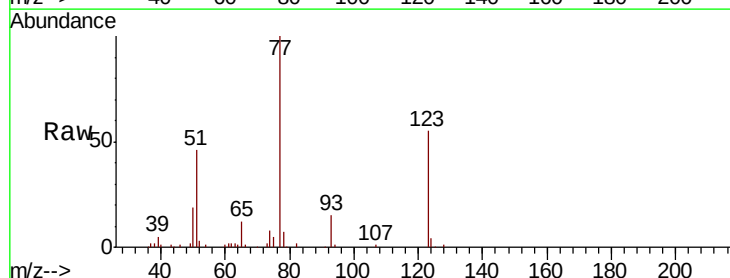
Instrument :
 BNA_G
 ClientSampleId :

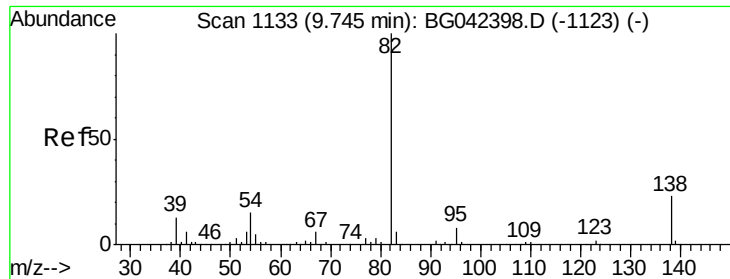
Tot Ion	82	Resp	147884
Ion	Ratio	Lower	Upper
82	100		
128	49.3	40.7	61.1
54	46.6	36.3	54.5



#24
 Nitrobenzene
 Concen: 38.190 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG042537.D
 Acq: 28 Aug 2019 18:01

Tgt Ion	77	Resp	75568
Ion	Ratio	Lower	Upper
77	100		
123	54.7	43.4	65.0
65	12.2	11.0	16.6





#25

Isophorone

Concen: 37.085 ng

RT: 9.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

Instrument :

BNA_G

ClientSampled :

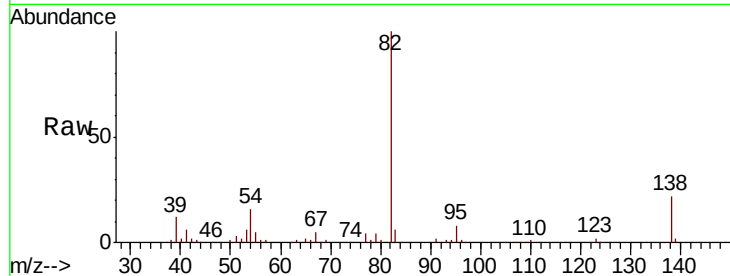
Tot Ion: 82 Resp: 143013

Ion Ratio Lower Upper

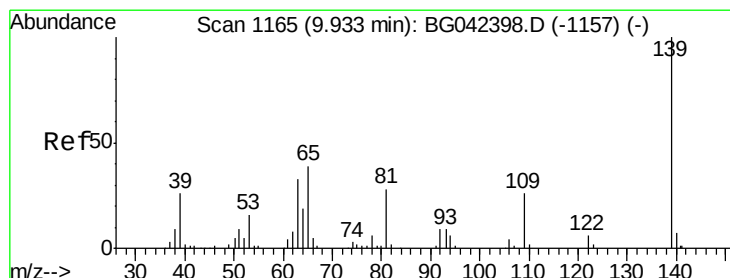
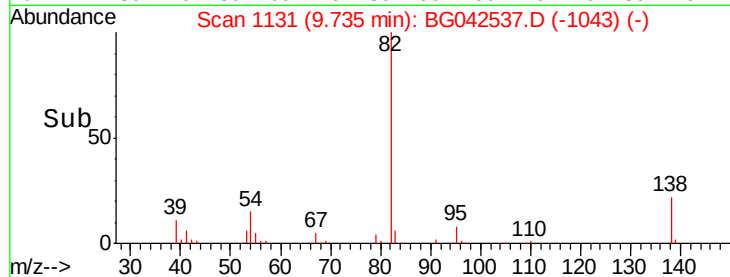
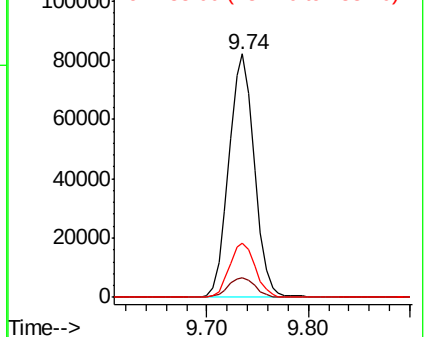
82 100

95 8.1 6.6 9.8

138 22.3 18.6 27.8



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: 40.216 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

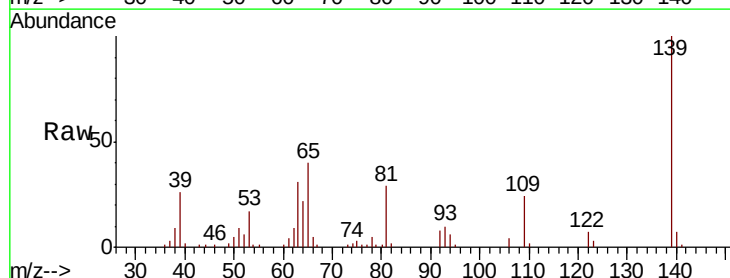
Tgt Ion: 139 Resp: 49869

Ion Ratio Lower Upper

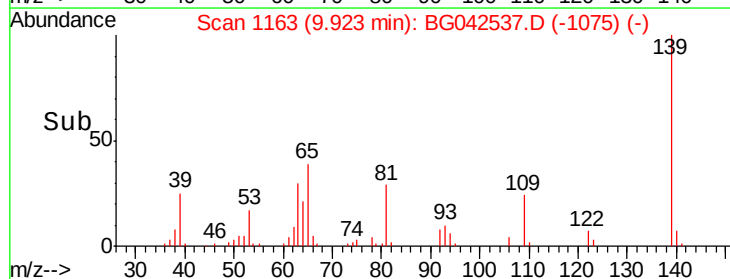
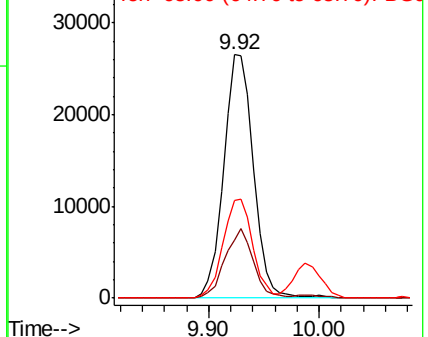
139 100

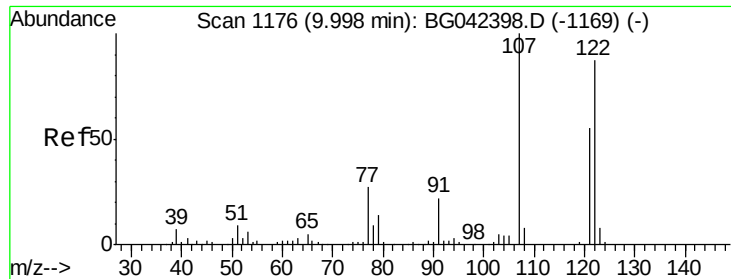
109 24.0 20.5 30.7

65 40.1 30.9 46.3



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

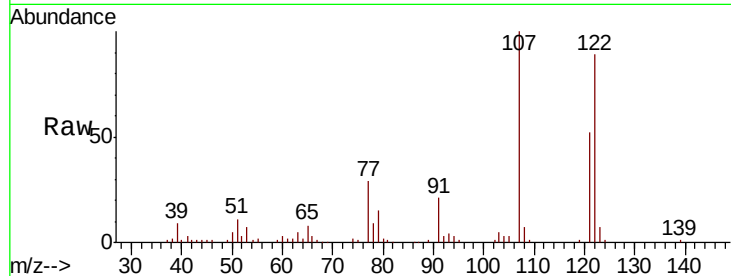




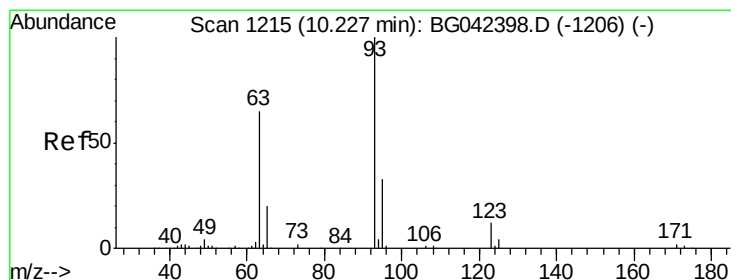
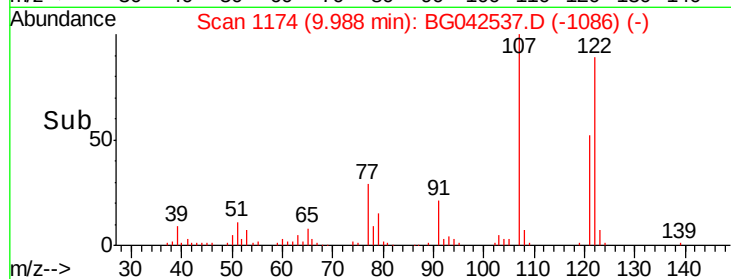
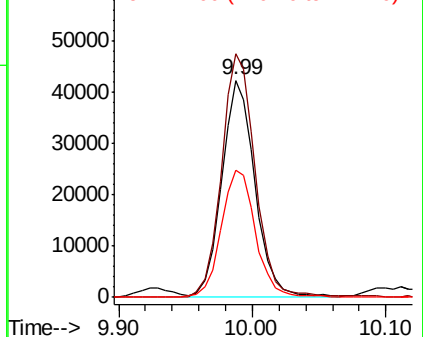
#27
2,4-Dimethylphenol
Concen: 42.683 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG042537.D
Acq: 28 Aug 2019 18:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 72909
Ion Ratio Lower Upper
122 100
107 112.0 90.8 136.2
121 58.6 49.6 74.4

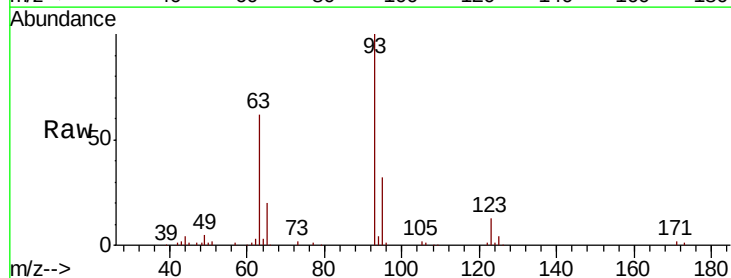


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

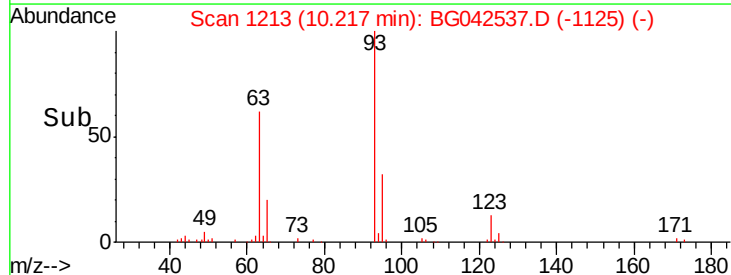
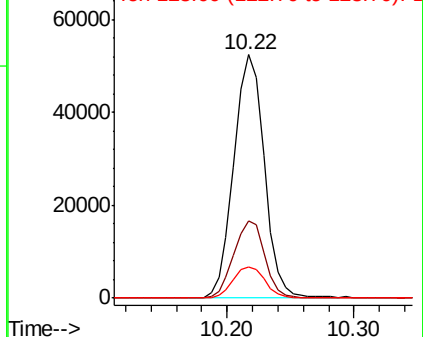


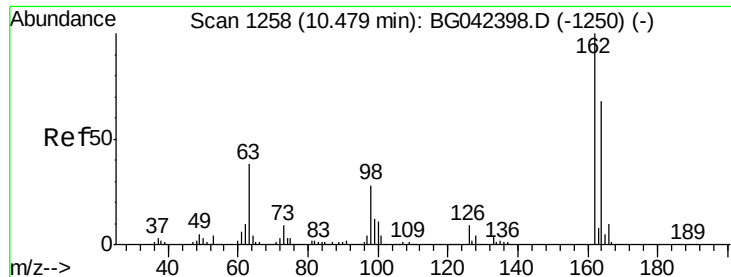
#28
bis(2-Chloroethoxy)methane
Concen: 35.984 ng
RT: 10.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BG042537.D
Acq: 28 Aug 2019 18:01

Tgt Ion: 93 Resp: 87463
Ion Ratio Lower Upper
93 100
95 31.7 26.6 40.0
123 12.9 10.1 15.1



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

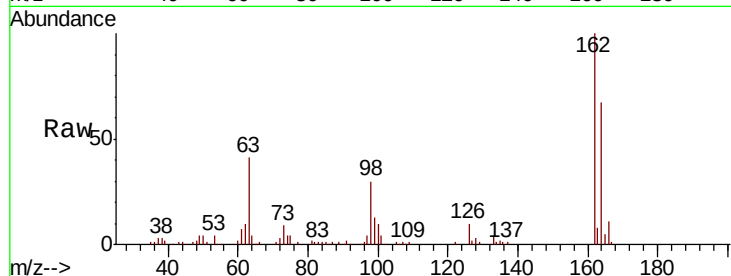




#29
 2,4-Dichlorophenol
 Concen: 41.074 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BG042537.D
 Acq: 28 Aug 2019 18:01

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.8	48.1	88.1
98	29.7	7.6	47.6

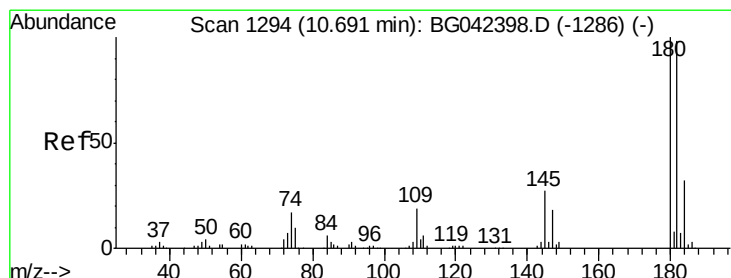
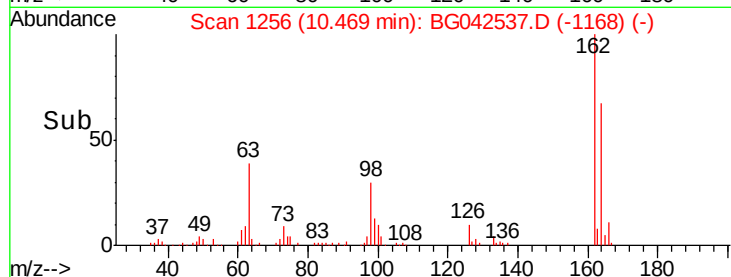
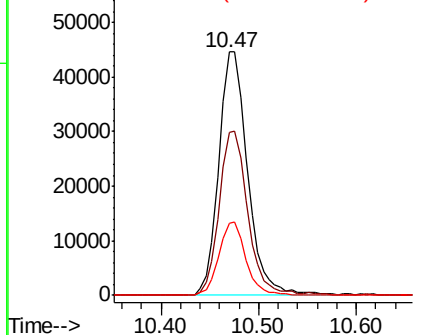


Abundance

Ion 162.00 (161.70 to 162.70): E

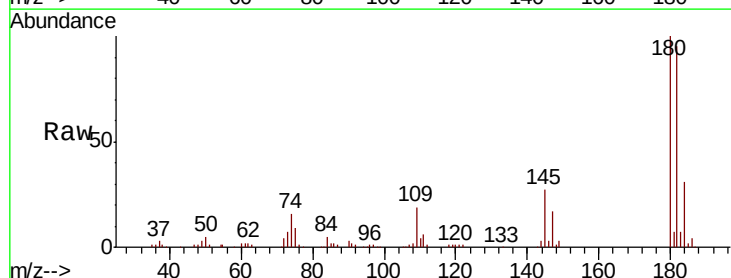
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 37.682 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG042537.D
 Acq: 28 Aug 2019 18:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	78.7	118.1
145	26.9	21.6	32.4

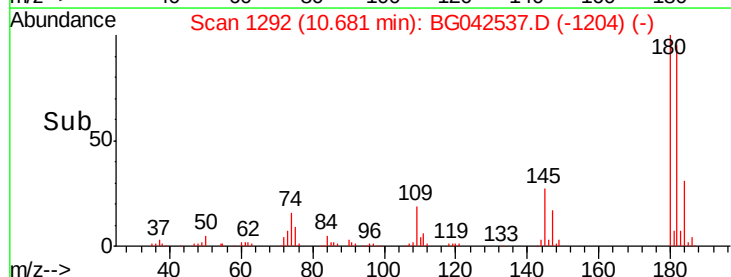
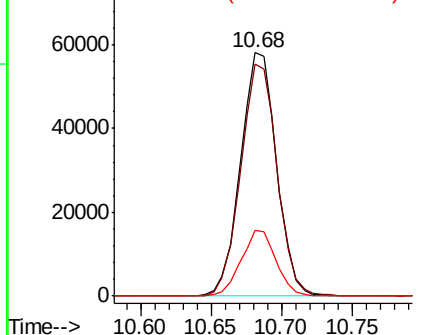


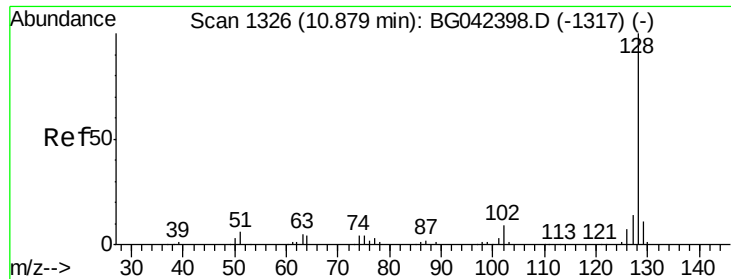
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

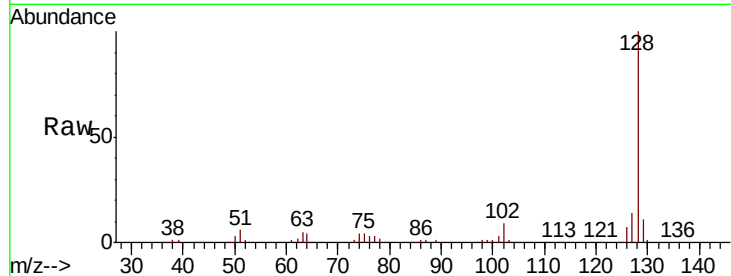




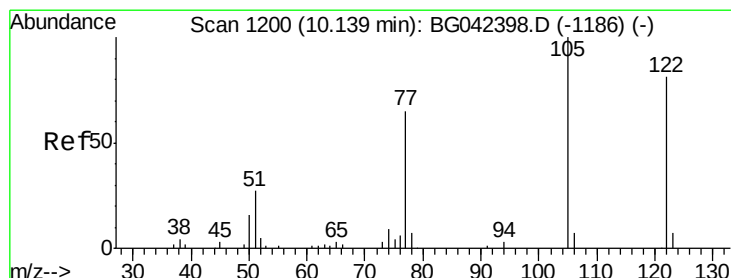
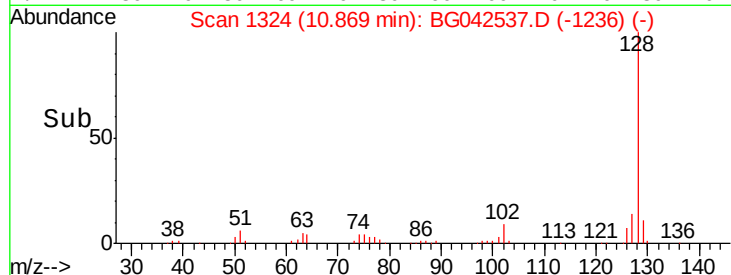
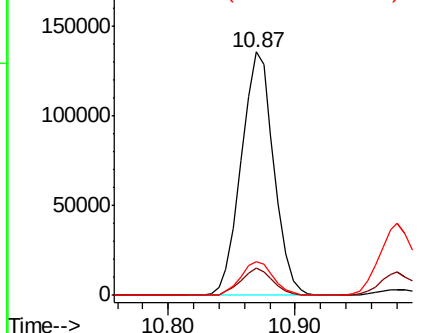
#31
Naphthalene
Concen: 38.602 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042537.D
Acq: 28 Aug 2019 18:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 242005
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.7 11.4 17.0

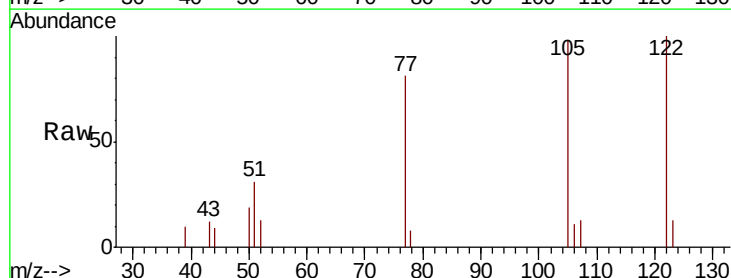


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

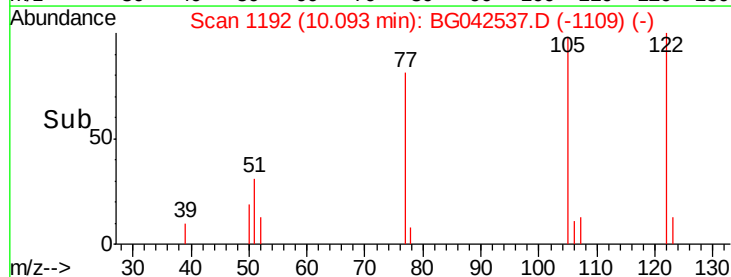
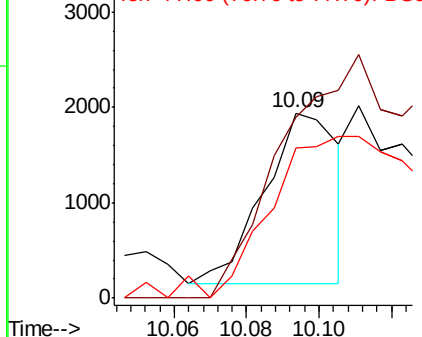


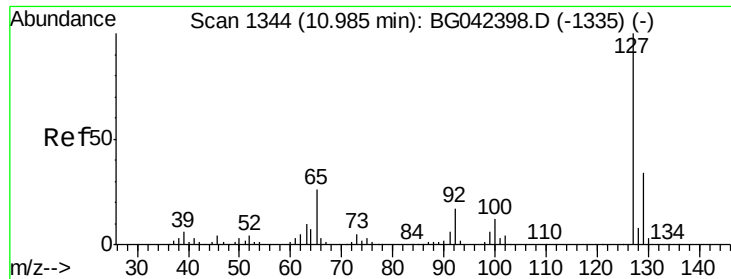
#32
Benzoic acid
Concen: 9.871 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.04 min
Lab File: BG042537.D
Acq: 28 Aug 2019 18:01

Tgt Ion:122 Resp: 2542
Ion Ratio Lower Upper
122 100
105 98.0 99.6 139.6#
77 81.3 59.5 99.5



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

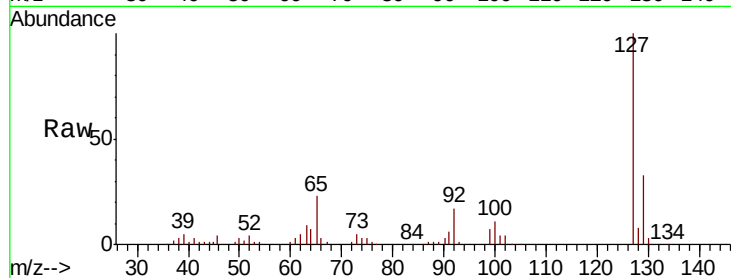




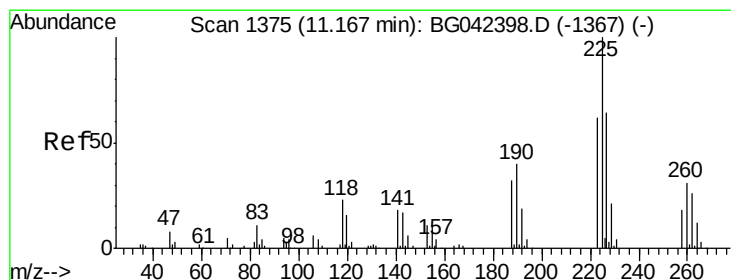
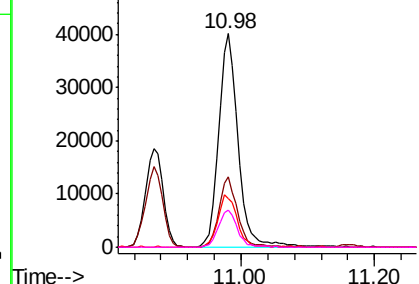
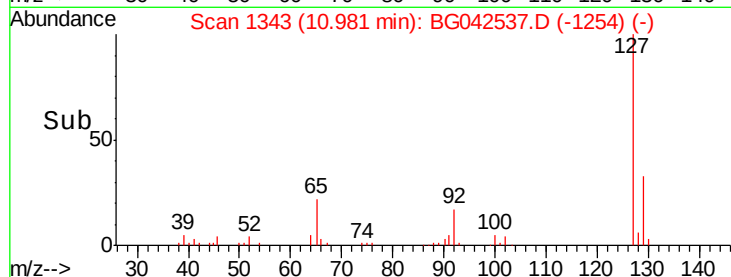
#33
4-Chloroaniline
Concen: 28.424 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042537.D
Acq: 28 Aug 2019 18:01

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	82260
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.8	40.2
65	22.6	20.7	31.1
92	17.4	13.6	20.4

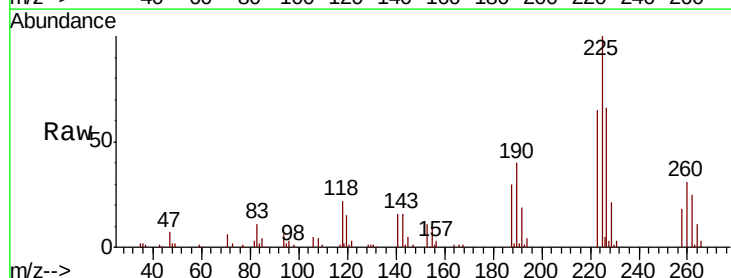


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

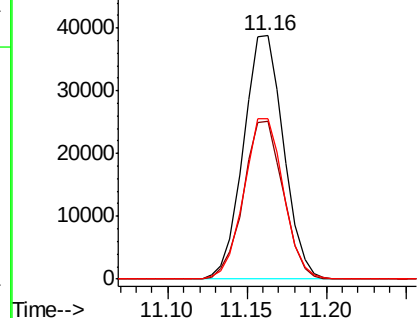
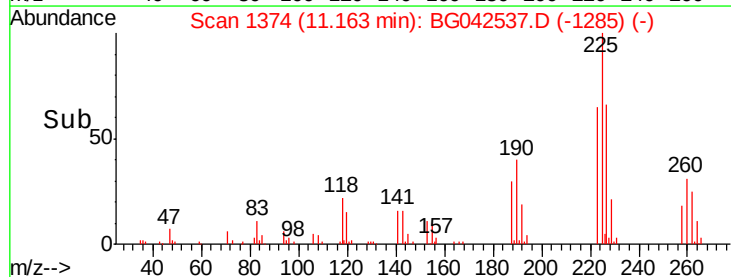


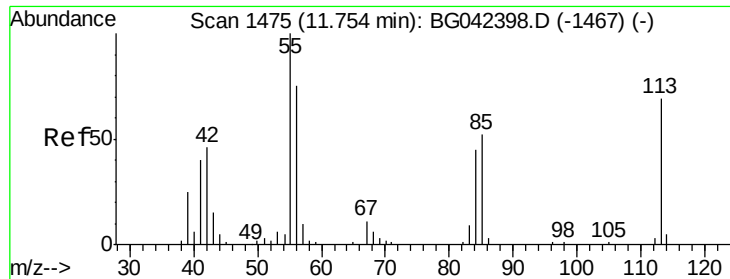
#34
Hexachlorobutadiene
Concen: 37.004 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG042537.D
Acq: 28 Aug 2019 18:01

Tgt Ion:	225	Resp:	68218
Ion	Ratio	Lower	Upper
225	100		
223	65.1	49.8	74.6
227	65.7	50.9	76.3



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

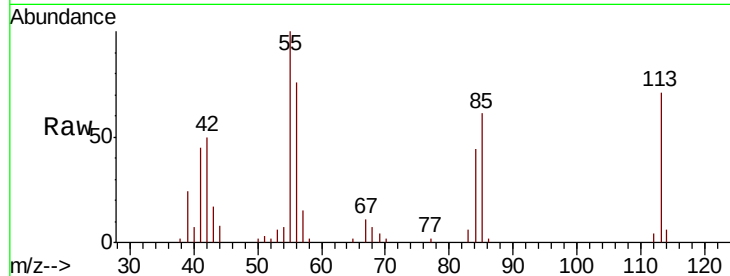




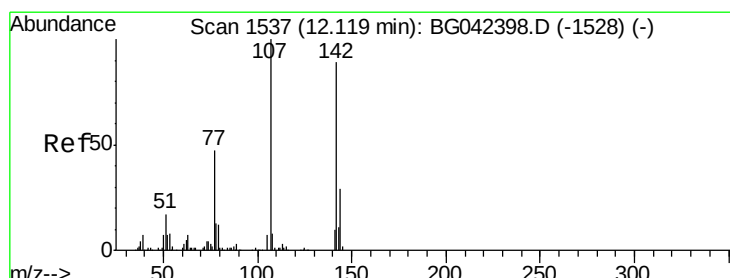
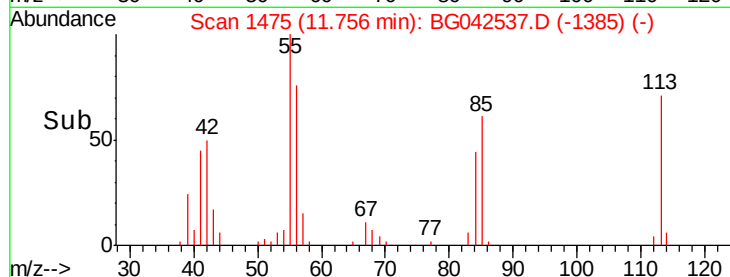
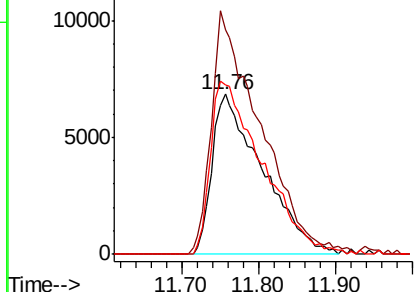
#35
 Caprolactam
 Concen: 41.493 ng
 RT: 11.76 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: BG042537.D
 Acq: 28 Aug 2019 18:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 30942
 Ion Ratio Lower Upper
 113 100
 55 140.2 124.6 164.6
 56 106.2 88.3 128.3

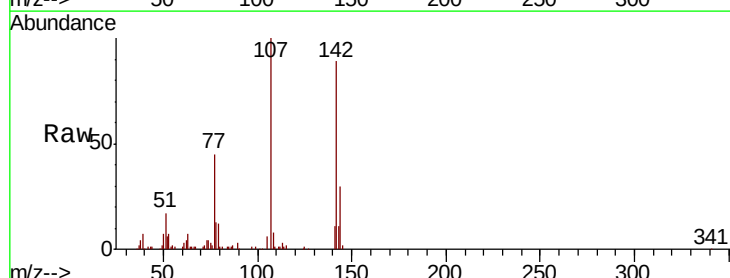


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BGO
 Ion 56.00 (55.70 to 56.70): BGO

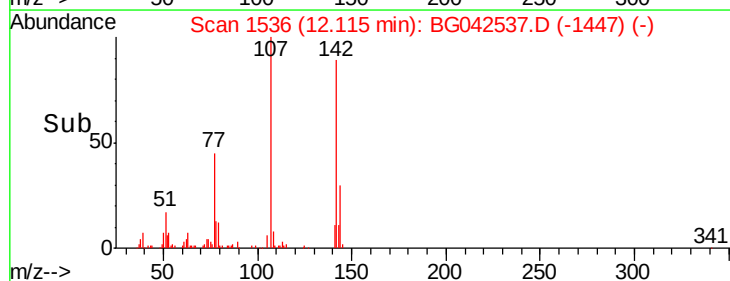
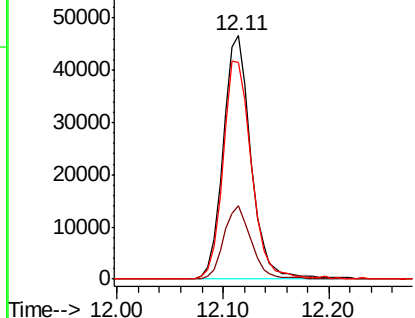


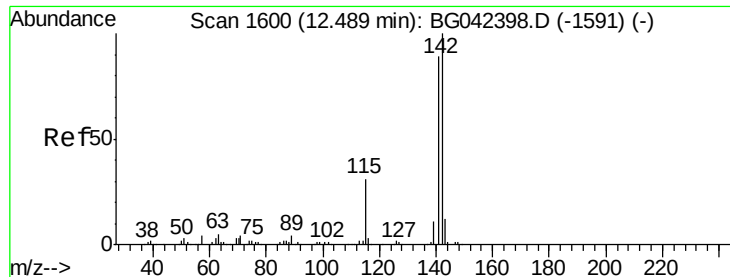
#36
 4-Chloro-3-methylphenol
 Concen: 39.967 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BG042537.D
 Acq: 28 Aug 2019 18:01

Tgt Ion:107 Resp: 84791
 Ion Ratio Lower Upper
 107 100
 144 30.3 23.6 35.4
 142 89.2 71.0 106.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

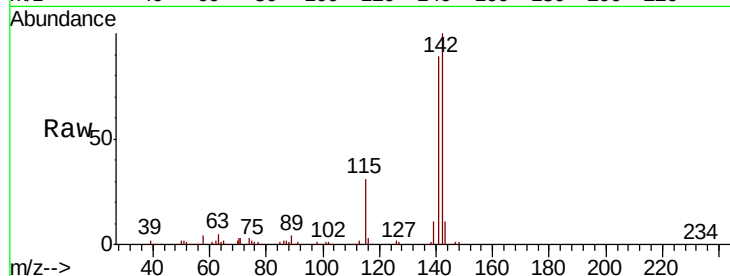




#37
2-Methylnaphthalene
Concen: 38.521 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG042537.D
Acq: 28 Aug 2019 18:01

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.4	107.2
115	30.6	25.2	37.8

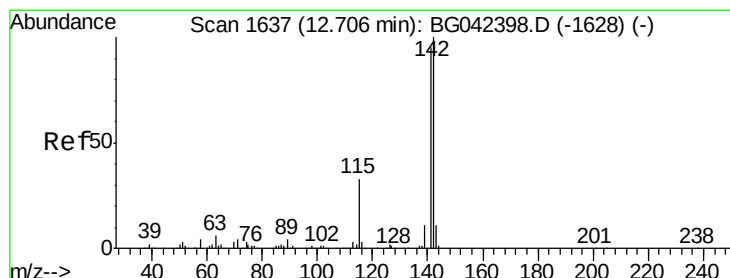
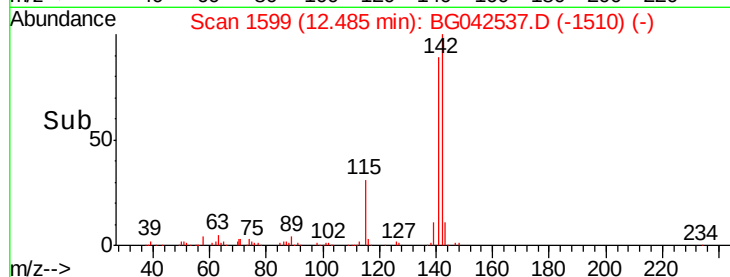
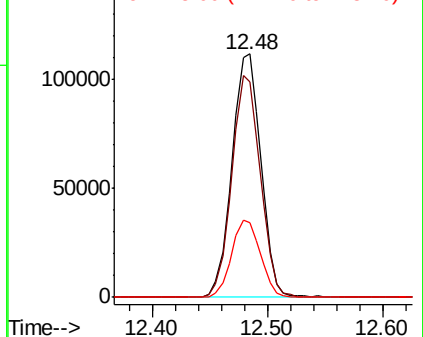


Abundance

Ion 142.00 (141.70 to 142.70): E

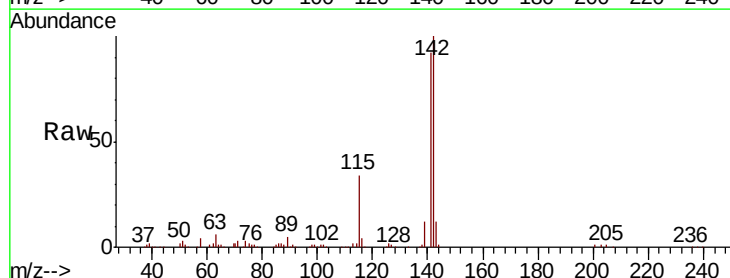
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.101 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG042537.D
Acq: 28 Aug 2019 18:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	76.2	114.2
116	3.8	2.8	4.2

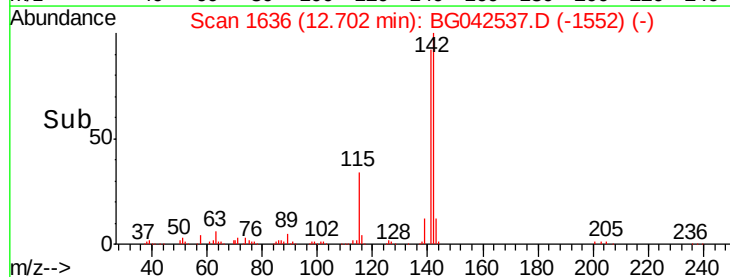
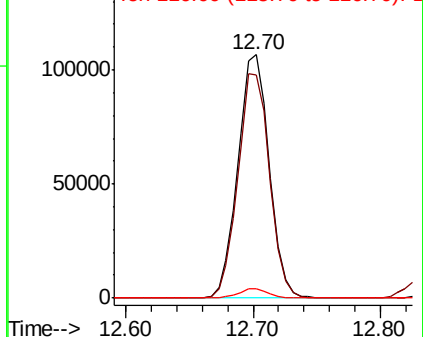


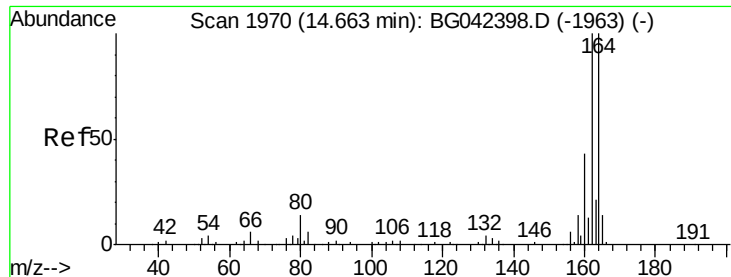
Abundance

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: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

Instrument :

BNA_G

ClientSampleId :

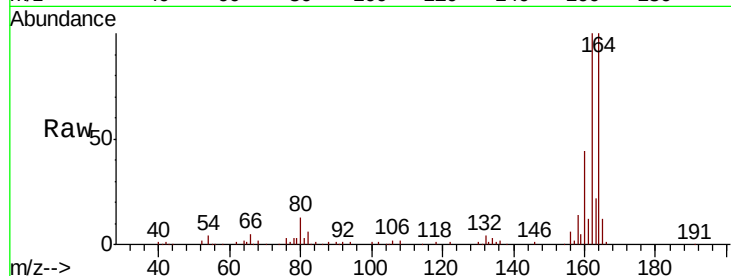
Tot Ion:164 Resp: 100082

Ion Ratio Lower Upper

164 100

162 100.4 79.9 119.9

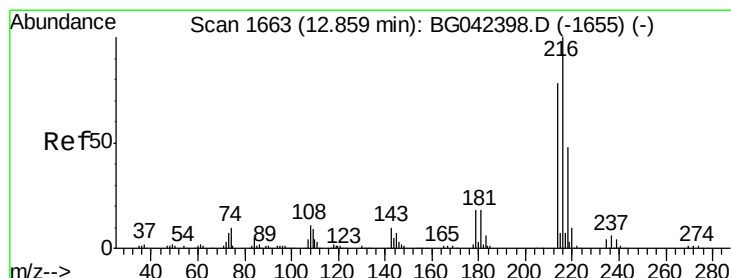
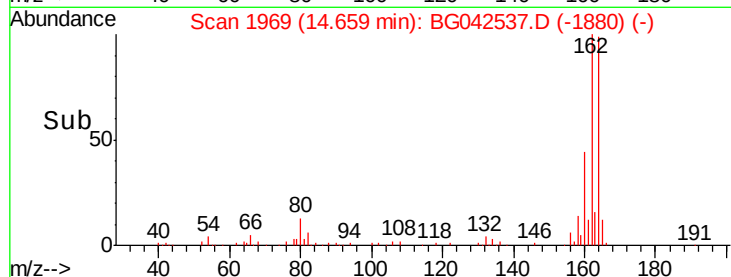
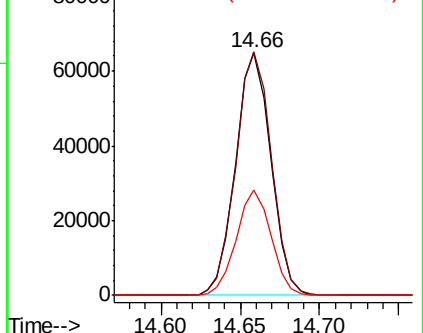
160 43.7 34.3 51.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.918 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

Tgt Ion:216 Resp: 131511

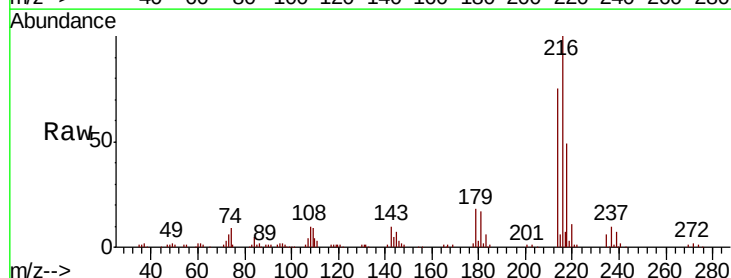
Ion Ratio Lower Upper

216 100

214 75.3 61.4 92.2

179 18.2 15.1 22.7

108 12.3 9.4 14.0

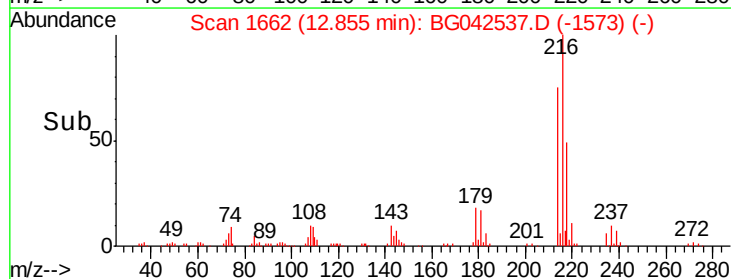
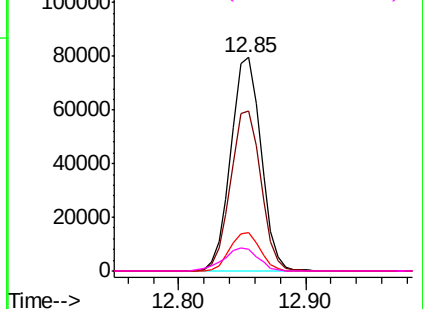


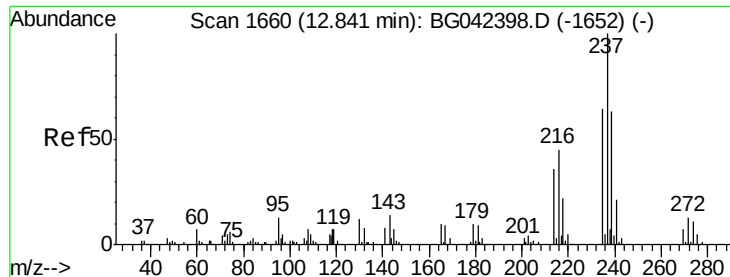
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 87.984 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

Instrument :

BNA_G

ClientSampleId :

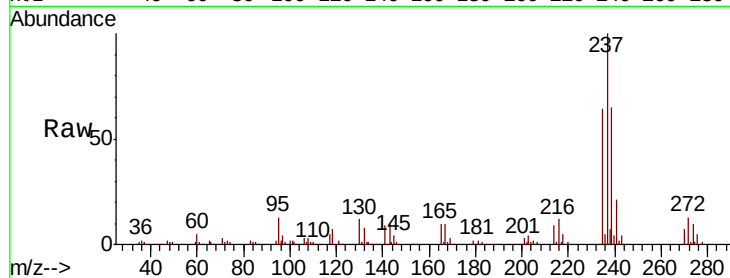
Tot Ion:237 Resp: 148541

Ion Ratio Lower Upper

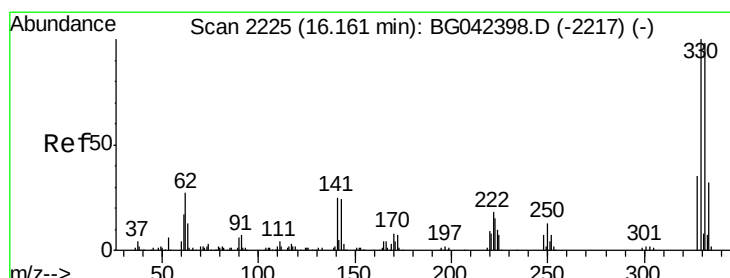
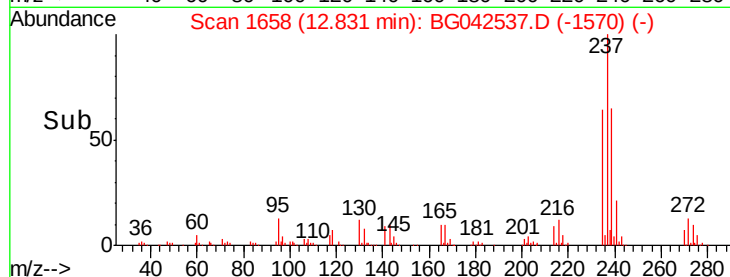
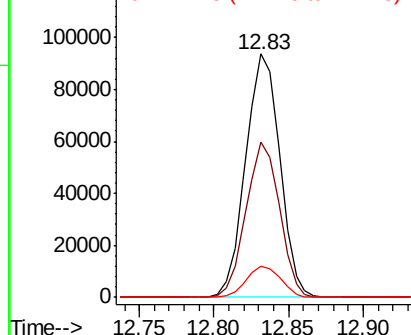
237 100

235 63.8 43.7 83.7

272 12.6 0.0 33.3



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



#42

2,4,6-Tribromophenol

Concen: 115.321 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

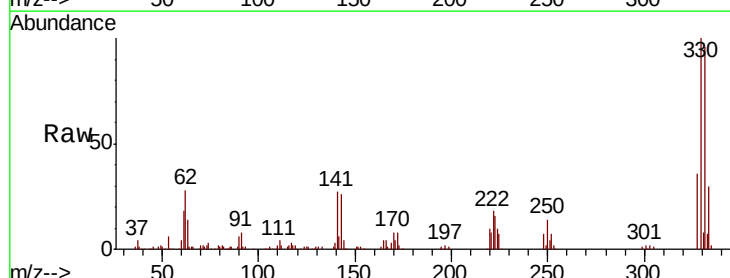
Tgt Ion:330 Resp: 164045

Ion Ratio Lower Upper

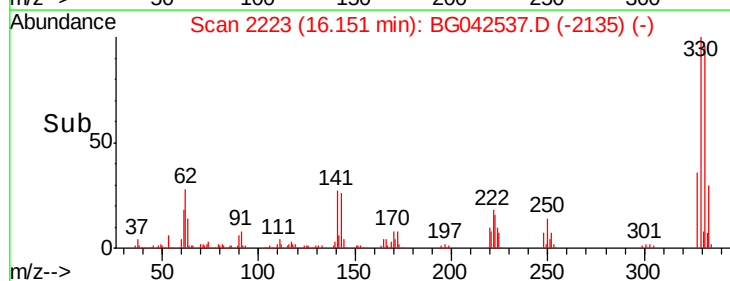
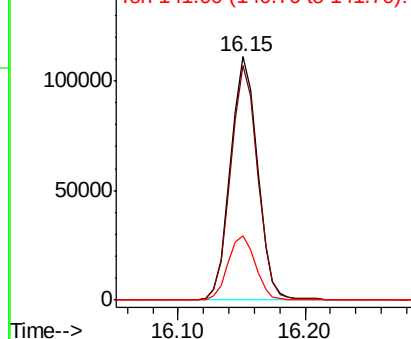
330 100

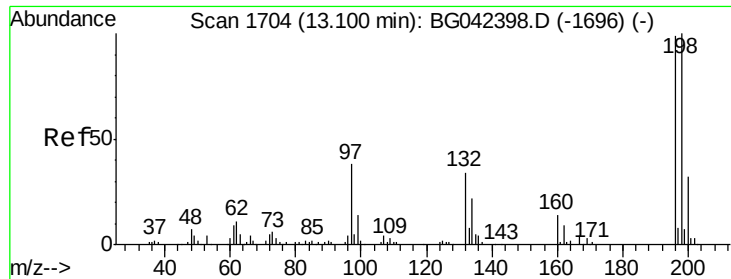
332 96.4 77.4 116.0

141 26.6 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

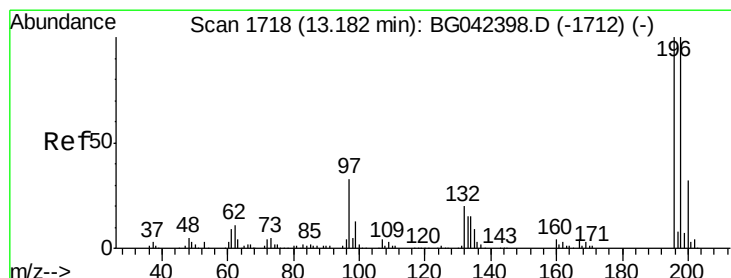
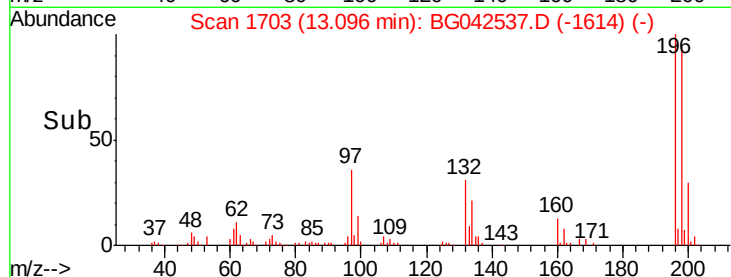
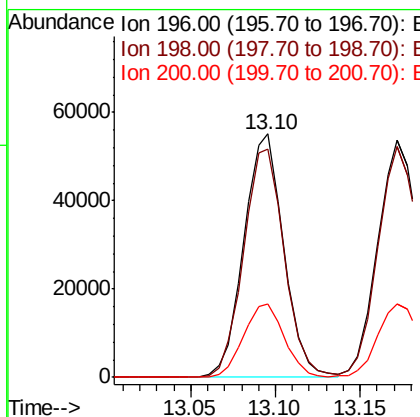
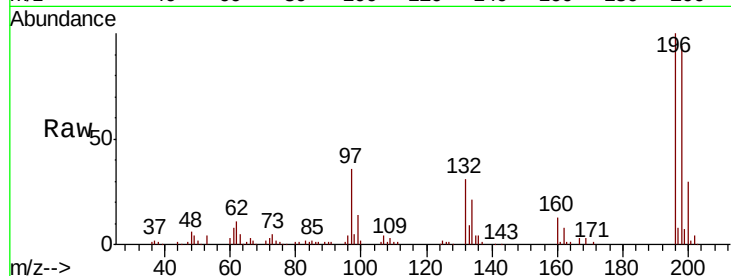




#43
 2,4,6-Trichlorophenol
 Concen: 41.539 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG042537.D
 Acq: 28 Aug 2019 18:01

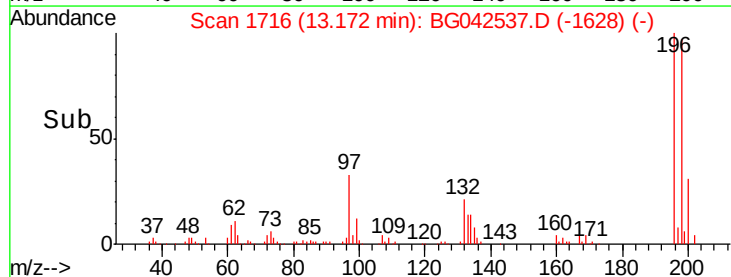
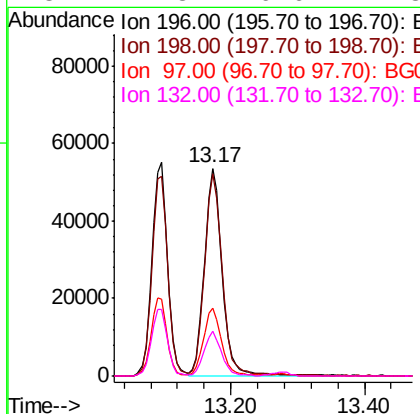
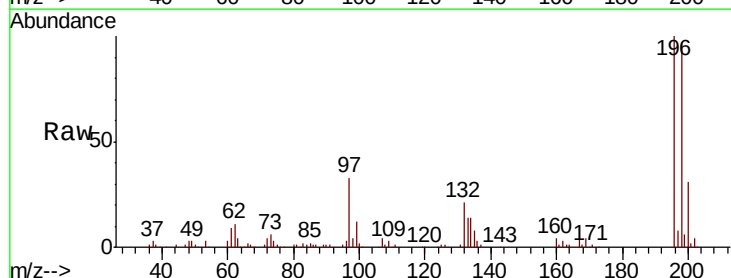
Instrument :
 BNA_G
 ClientSampleId :

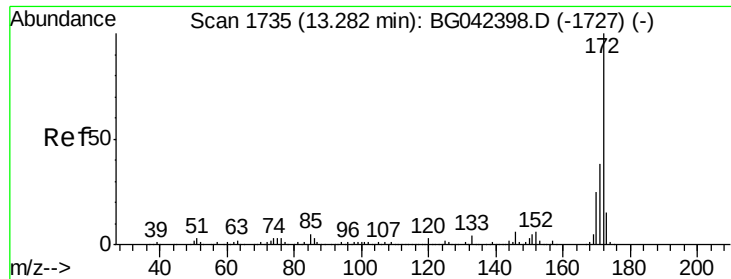
Tot Ion	196	Resp	90241
Ion Ratio	Lower	Upper	
196	100		
198	93.7	80.7	121.1
200	29.9	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 44.025 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042537.D
 Acq: 28 Aug 2019 18:01

Tgt Ion	196	Resp	99112
Ion Ratio	Lower	Upper	
196	100		
198	97.4	80.2	120.4
97	32.7	26.3	39.5
132	21.3	16.6	24.8

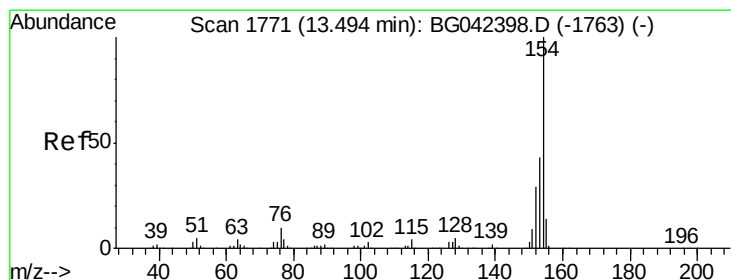
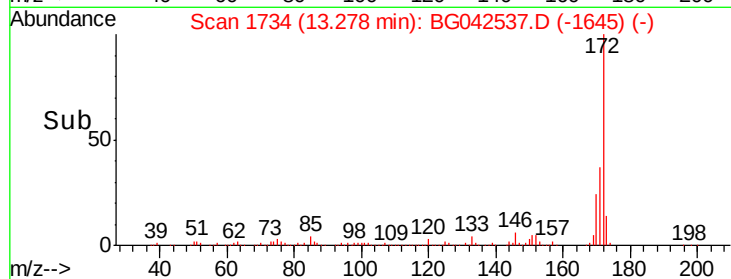
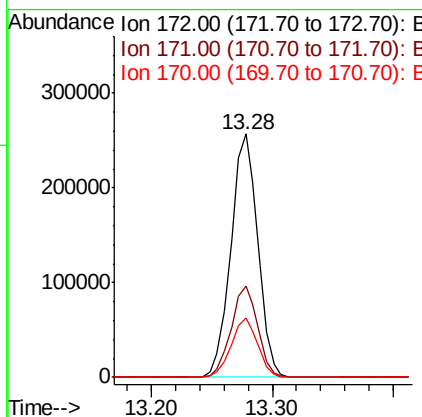
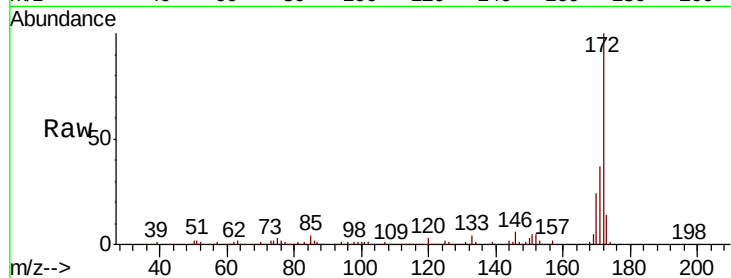




#45
2-Fluorobiphenyl
Concen: 67.310 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042537.D
Acq: 28 Aug 2019 18:01

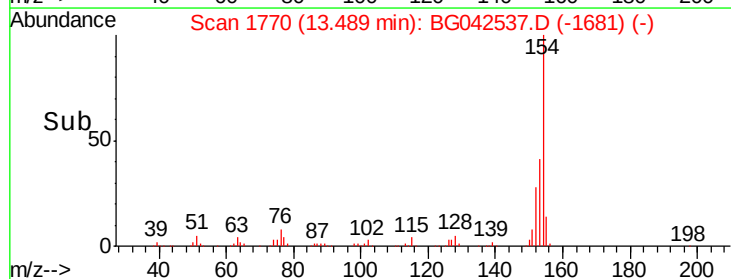
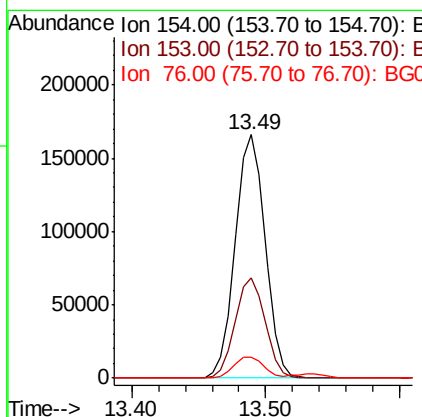
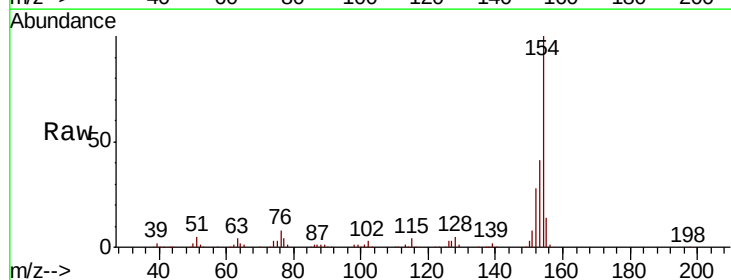
Instrument :
BNA_G
ClientSampleId :

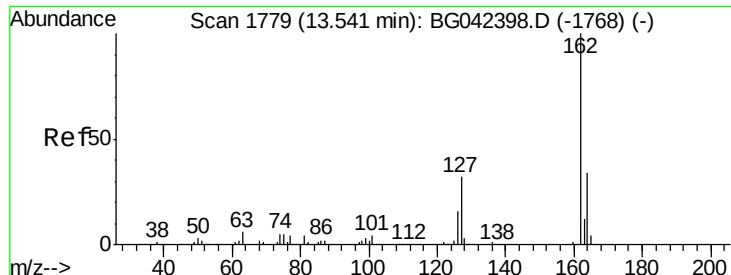
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.5	45.7
170	24.3	20.2	30.2



#46
1,1'-Biphenyl
Concen: 39.948 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG042537.D
Acq: 28 Aug 2019 18:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	23.0	63.0
76	8.3	0.0	29.6





#47

2-Chloronaphthalene

Concen: 38.153 ng

RT: 13.53 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

Instrument :

BNA_G

ClientSampleId :

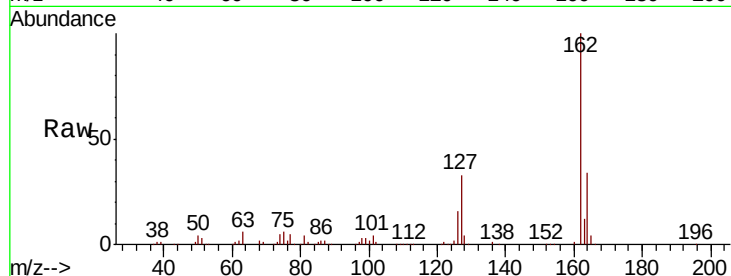
Tot Ion:162 Resp: 212828

Ion Ratio Lower Upper

162 100

127 33.2 26.0 39.0

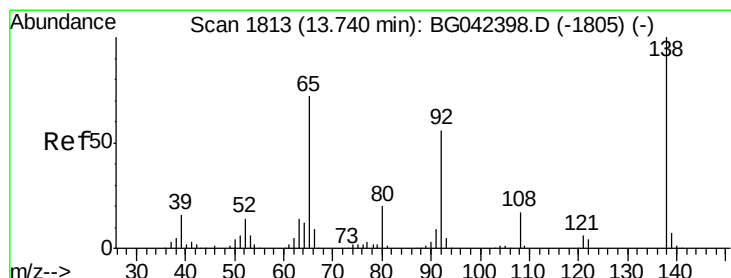
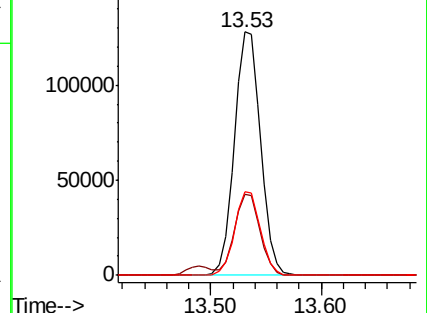
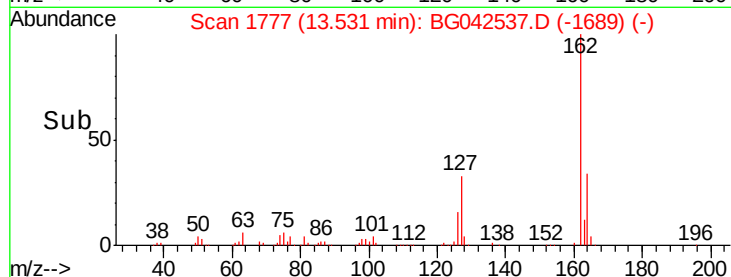
164 34.4 27.4 41.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 36.959 ng

RT: 13.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

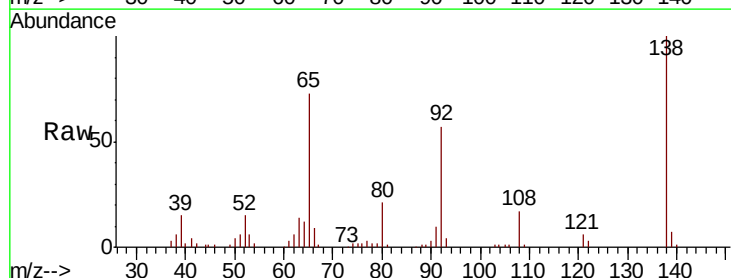
Tgt Ion: 65 Resp: 49716

Ion Ratio Lower Upper

65 100

92 78.8 61.8 92.6

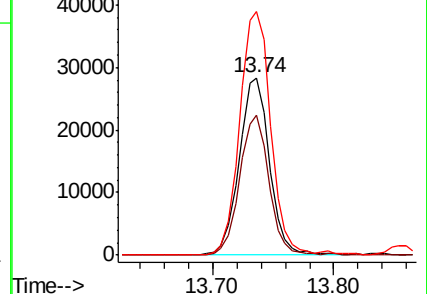
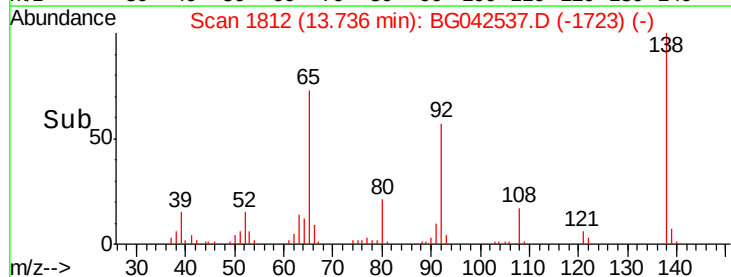
138 137.3 111.0 166.6

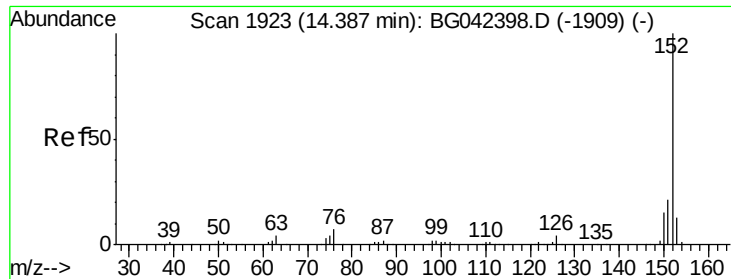


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.411 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

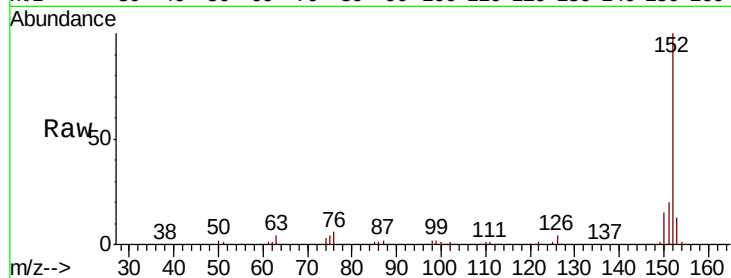
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 339146

Ion	Ratio	Lower	Upper
152	100		
151	20.3	17.0	25.4
153	13.0	10.6	16.0

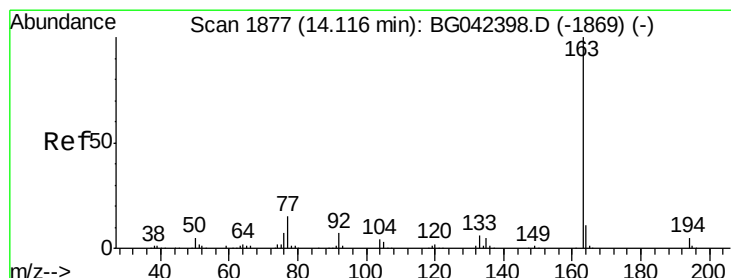
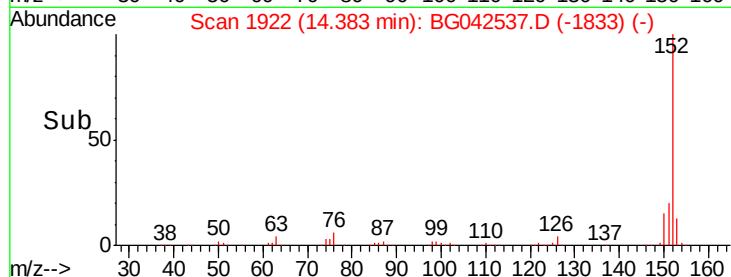
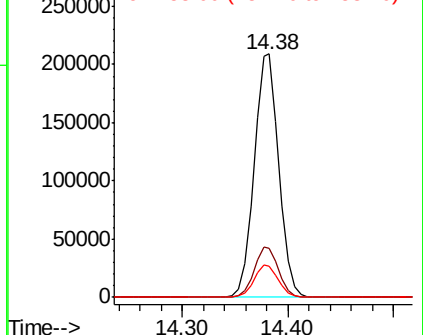


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.537 ng

RT: 14.11 min Scan# 1875

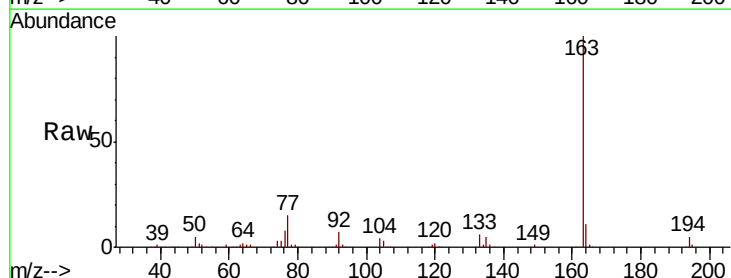
Delta R.T. -0.01 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

Tgt Ion:163 Resp: 314395

Ion	Ratio	Lower	Upper
163	100		
194	5.0	4.2	6.2
164	10.7	8.8	13.2

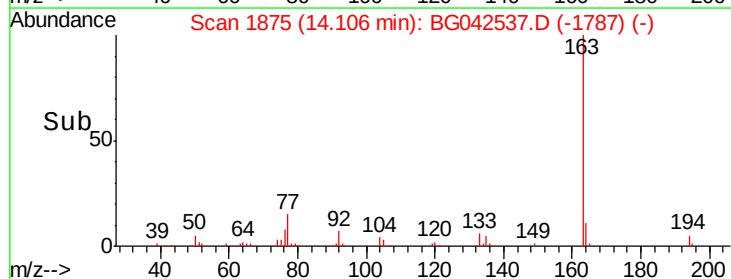
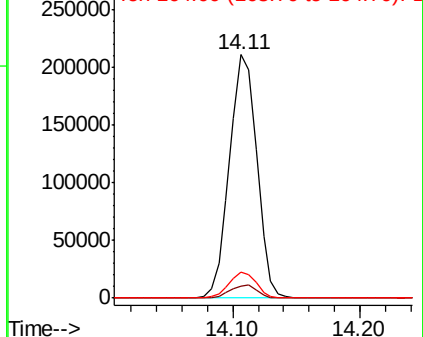


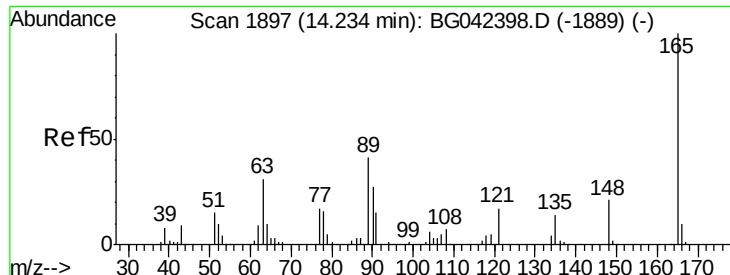
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

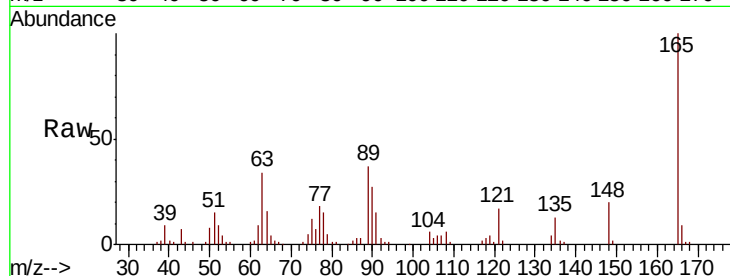




#51
 2,6-Dinitrotoluene
 Concen: 39.890 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.00 min
 Lab File: BG042537.D
 Acq: 28 Aug 2019 18:01

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	34.3	30.6	45.8
89	36.6	32.6	49.0

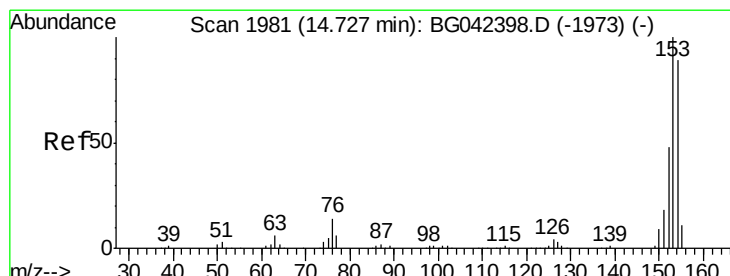
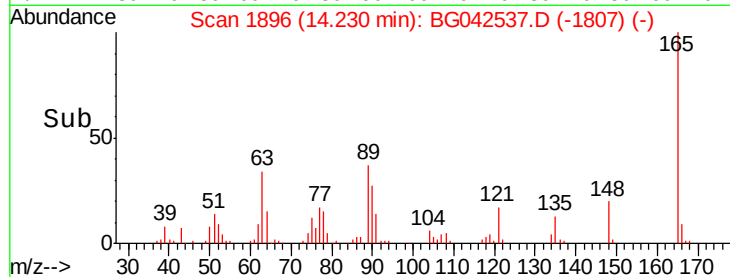
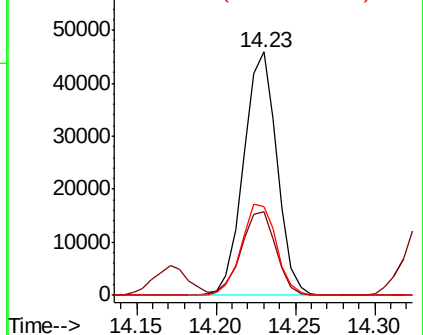


Abundance

Ion 165.00 (164.70 to 165.70): E

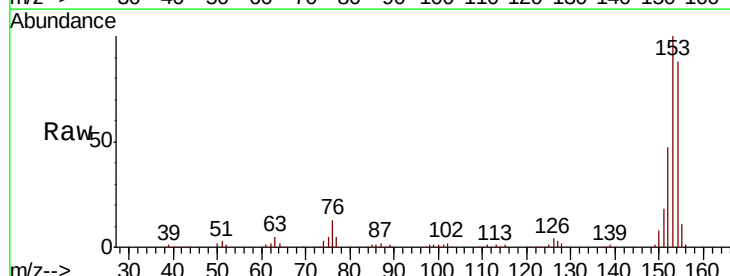
Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52
 Acenaphthene
 Concen: 38.302 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG042537.D
 Acq: 28 Aug 2019 18:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	90.2	135.4
152	53.3	43.2	64.8

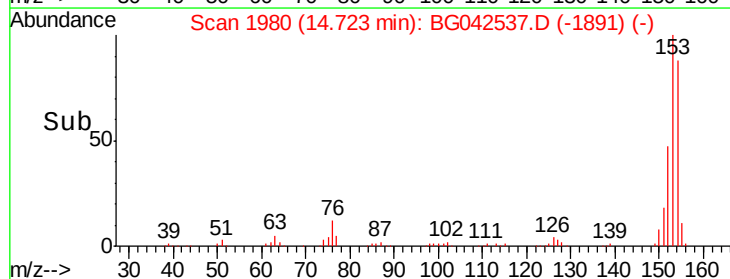
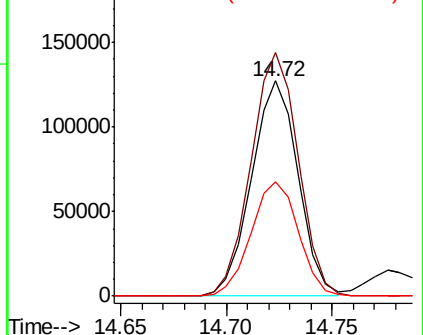


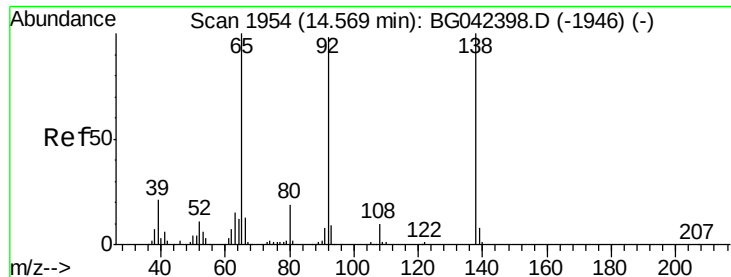
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 31.318 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

Instrument :

BNA_G

ClientSampleId :

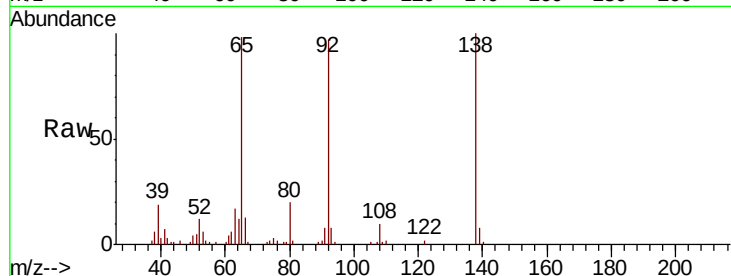
Tot Ion:138 Resp: 52427

Ion Ratio Lower Upper

138 100

108 9.7 8.3 12.5

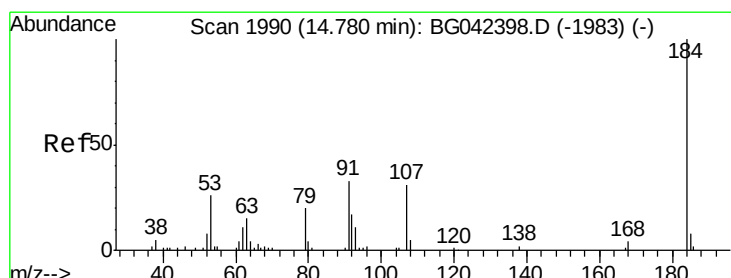
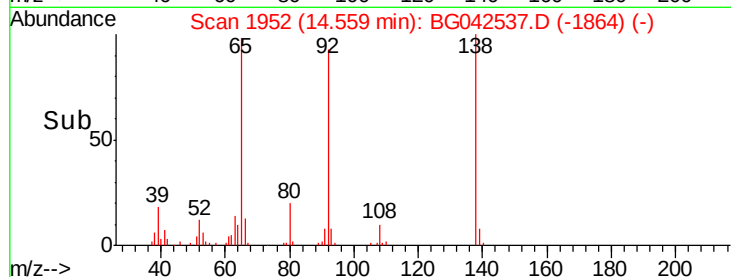
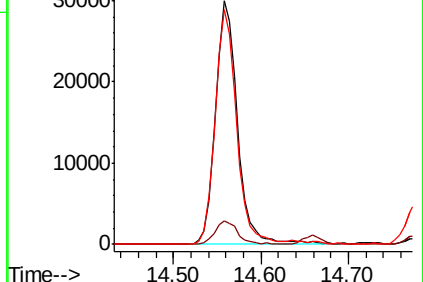
92 96.5 78.2 117.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 60.303 ng

RT: 14.78 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

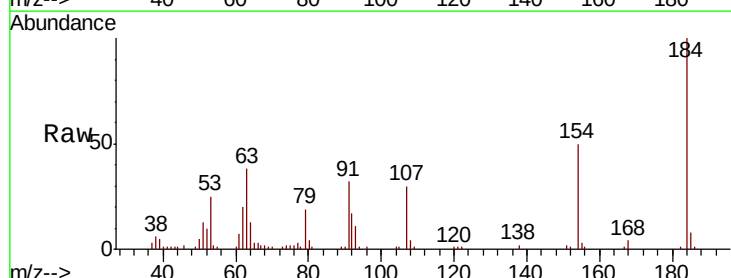
Tgt Ion:184 Resp: 66154

Ion Ratio Lower Upper

184 100

63 38.3 31.7 47.5

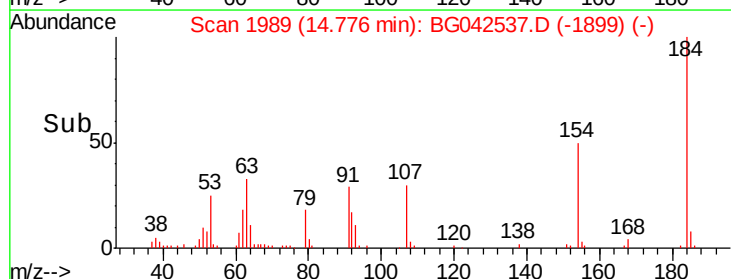
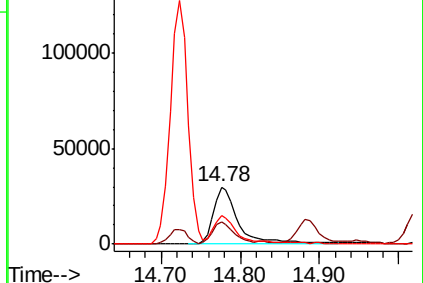
154 50.3 42.0 63.0

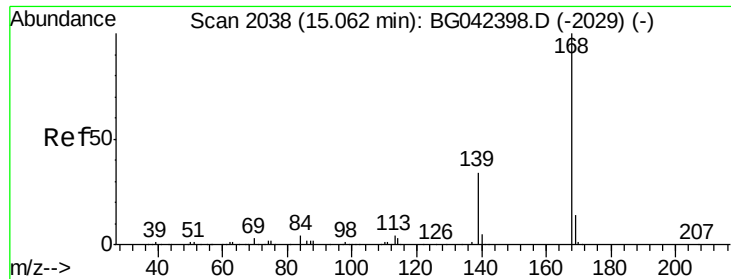


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 40.519 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

Instrument :

BNA_G

ClientSampled :

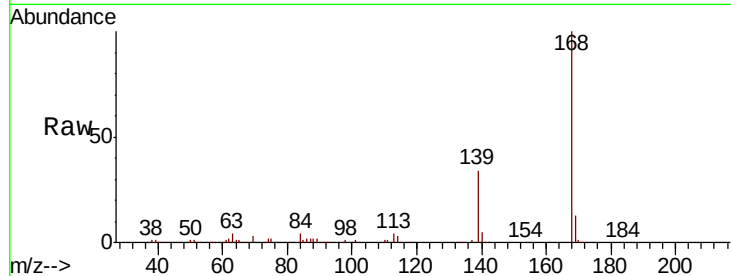
Tot Ion:168 Resp: 341789

Ion Ratio Lower Upper

168 100

139 33.6 27.2 40.8

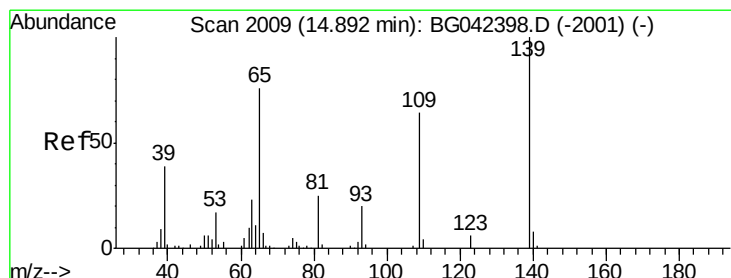
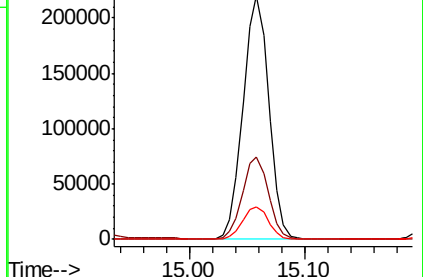
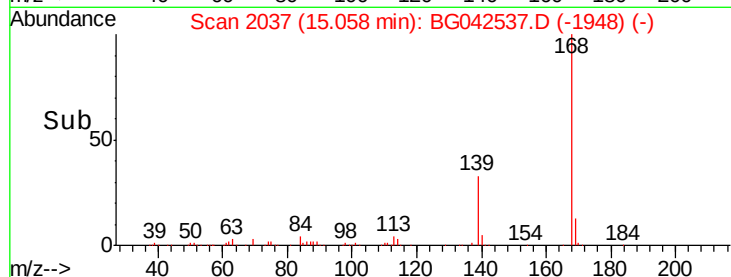
169 13.4 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 92.899 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

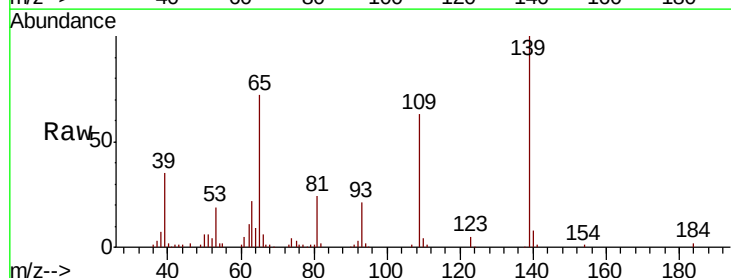
Tgt Ion:139 Resp: 110504

Ion Ratio Lower Upper

139 100

109 63.4 43.9 83.9

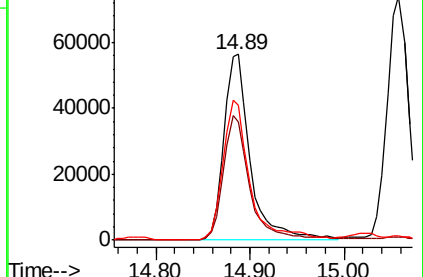
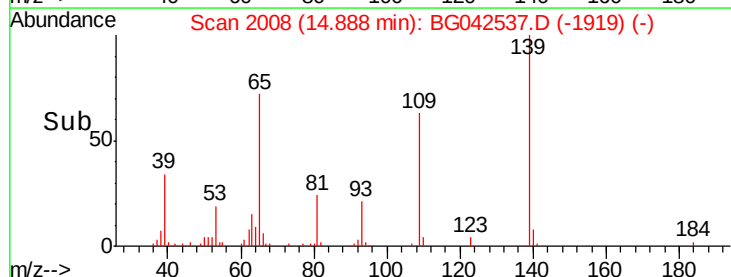
65 72.5 56.3 96.3

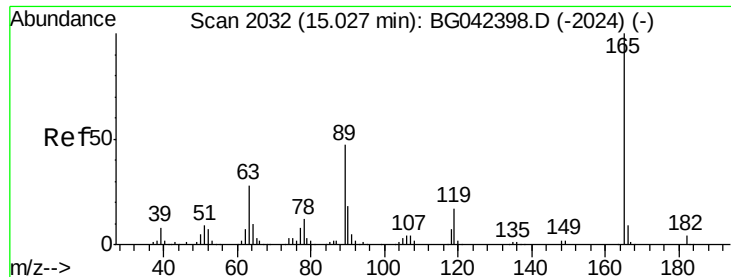


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

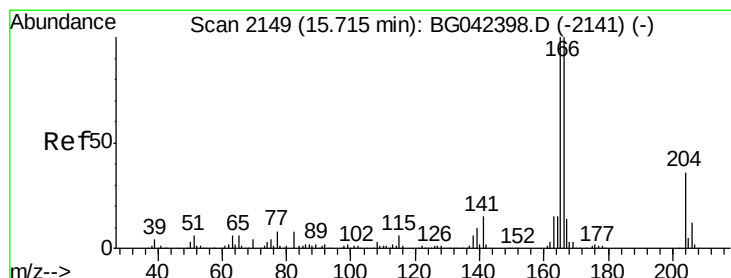
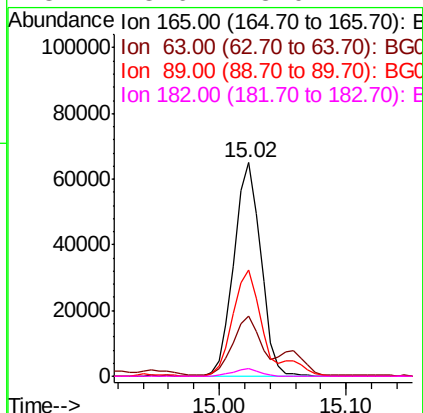
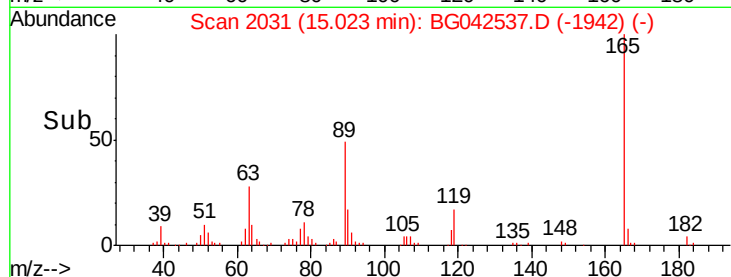
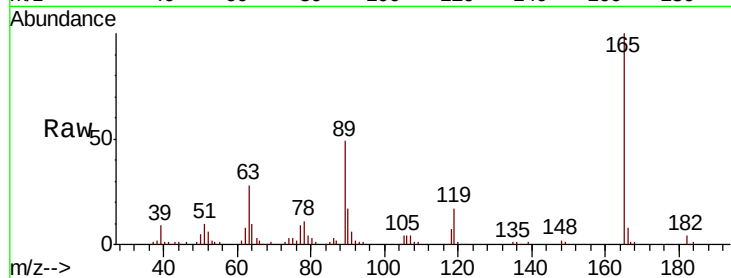




#57
 2,4-Dinitrotoluene
 Concen: 39.799 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BG042537.D
 Acq: 28 Aug 2019 18:01

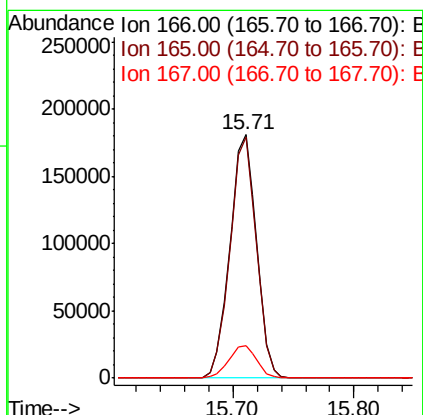
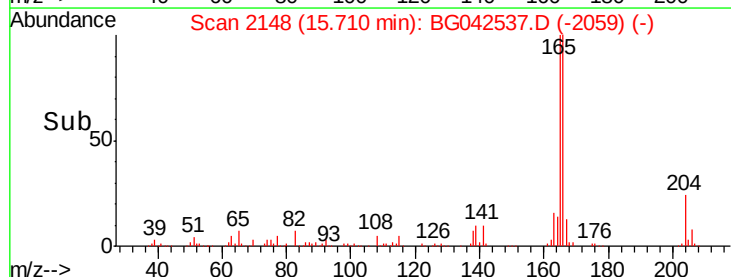
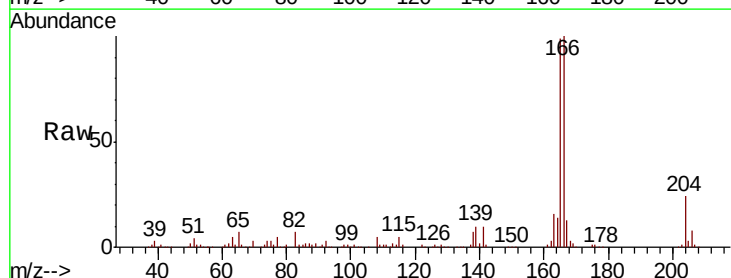
Instrument :
 BNA_G
 ClientSampled :

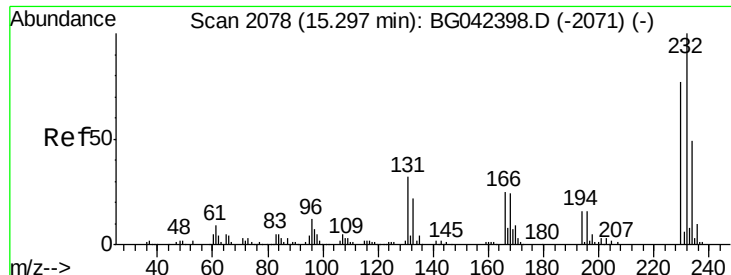
Tot Ion:165	Resp:	95394
Ion Ratio	Lower	Upper
165	100	
63	28.4	22.5 33.7
89	49.5	37.8 56.6
182	3.6	3.0 4.4



#58
 Fluorene
 Concen: 40.301 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG042537.D
 Acq: 28 Aug 2019 18:01

Tgt Ion:166	Resp:	277889
Ion Ratio	Lower	Upper
166	100	
165	99.0	79.7 119.5
167	13.2	10.9 16.3

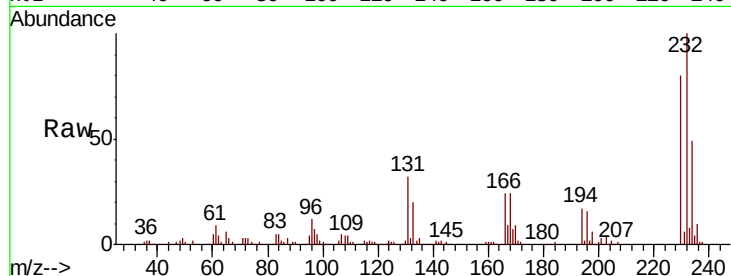




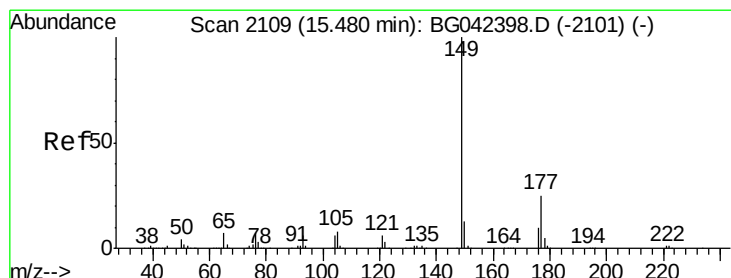
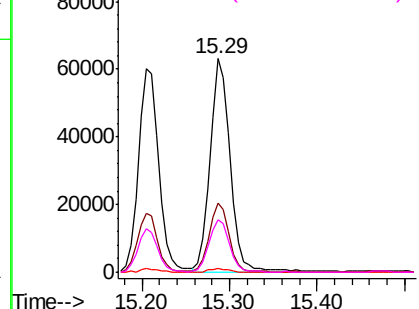
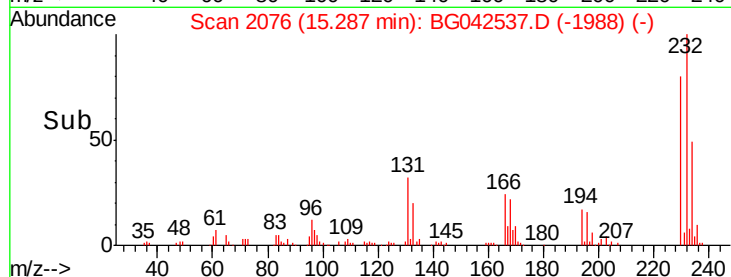
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.803 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. -0.01 min
 Lab File: BG042537.D
 Acq: 28 Aug 2019 18:01

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:232	Resp:	101973
Ion Ratio	Lower	Upper
232	100	
131	31.2	22.9 34.3
130	1.6	1.4 2.0
166	24.8	17.0 25.4

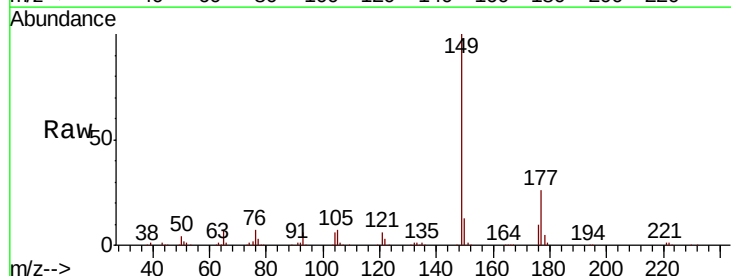


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

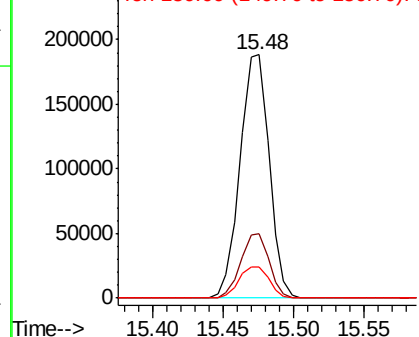
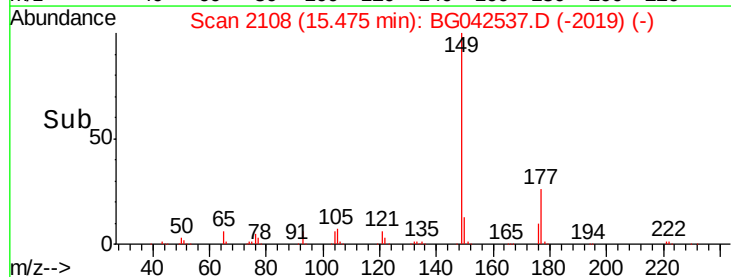


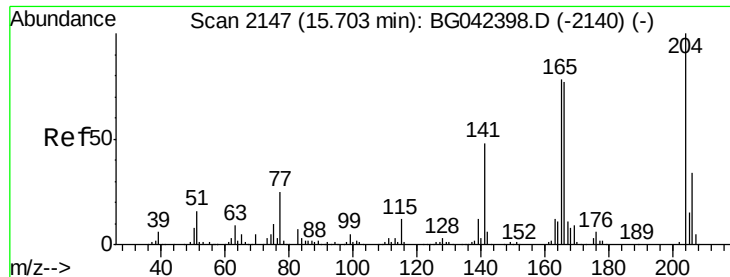
#60
 Diethylphthalate
 Concen: 38.585 ng
 RT: 15.48 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BG042537.D
 Acq: 28 Aug 2019 18:01

Tgt Ion:149	Resp:	272381
Ion Ratio	Lower	Upper
149	100	
177	26.2	20.4 30.6
150	13.0	10.3 15.5



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

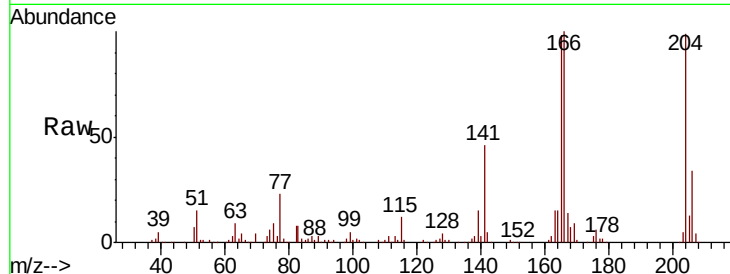




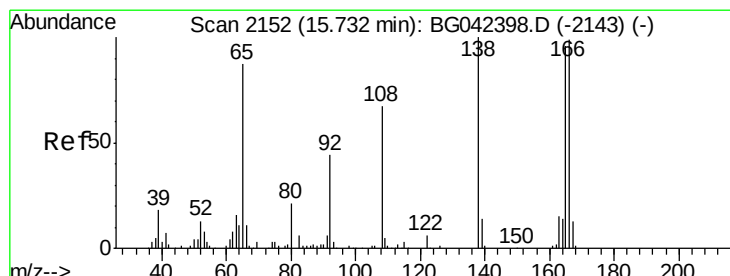
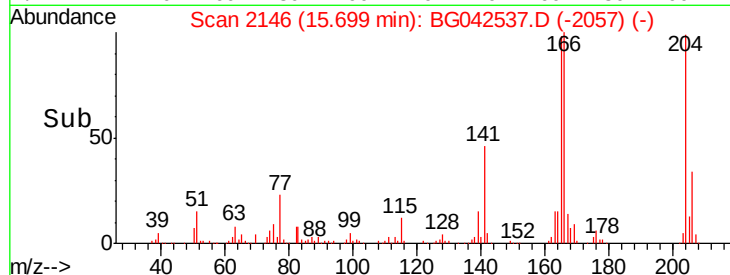
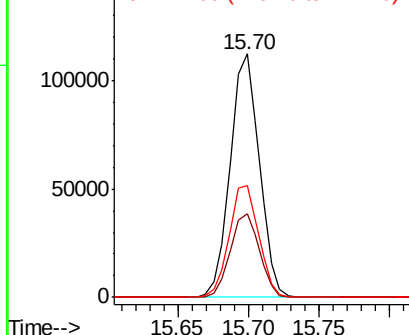
#61
 4-Chlorophenyl-phenylether
 Concen: 38.767 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG042537.D
 Acq: 28 Aug 2019 18:01

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 161140
 Ion Ratio Lower Upper
 204 100
 206 34.4 27.2 40.8
 141 45.9 38.7 58.1

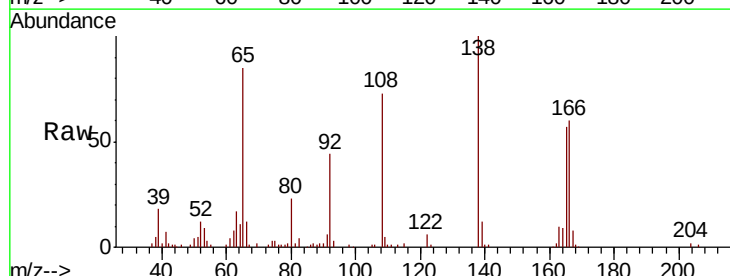


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

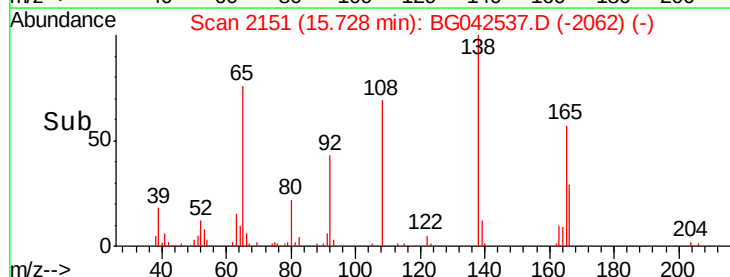
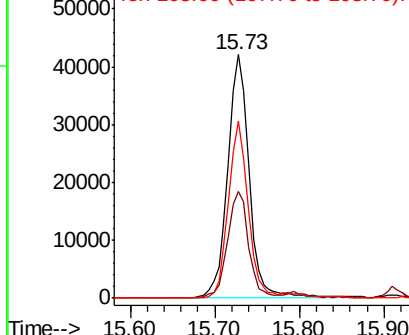


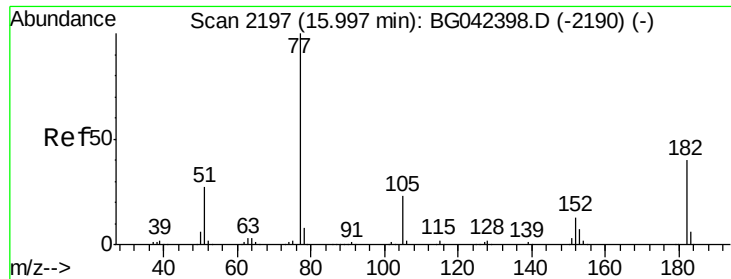
#62
 4-Nitroaniline
 Concen: 41.330 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG042537.D
 Acq: 28 Aug 2019 18:01

Tgt Ion:138 Resp: 74047
 Ion Ratio Lower Upper
 138 100
 92 43.7 24.2 64.2
 108 72.7 46.8 86.8



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 39.030 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 188792

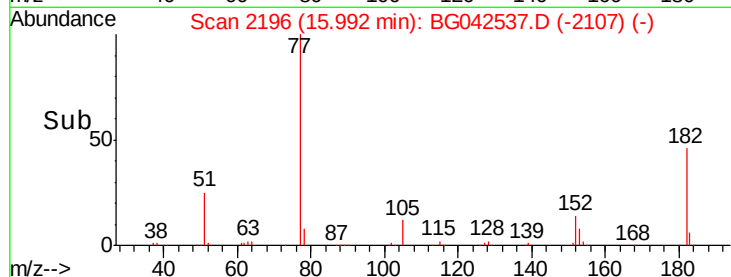
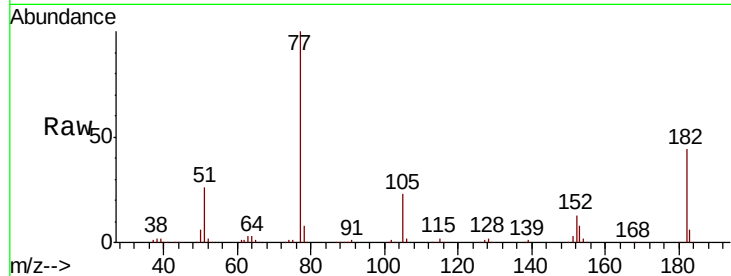
Ion Ratio Lower Upper

77 100

182 44.0 19.9 59.9

105 22.9 2.9 42.9

51 26.4 7.6 47.6

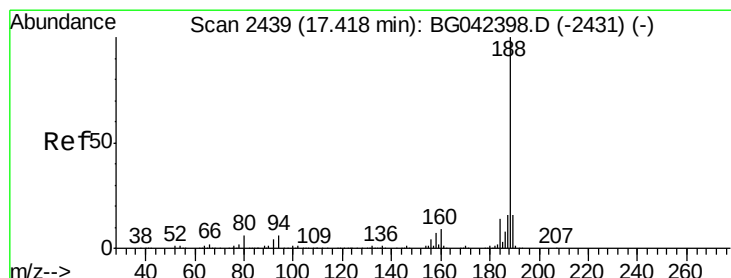
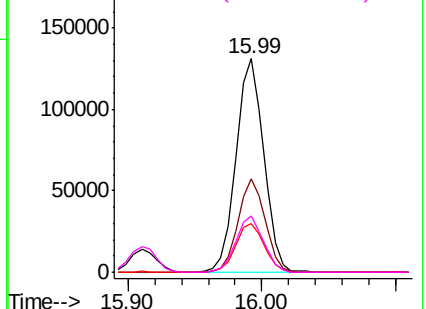


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

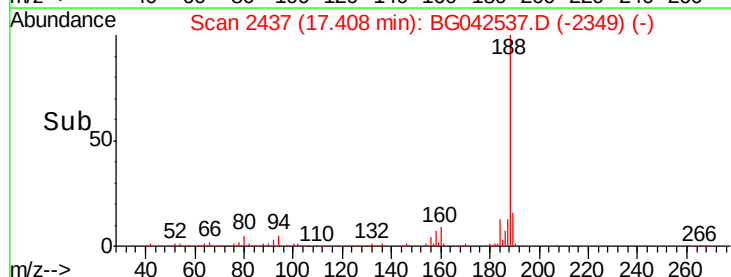
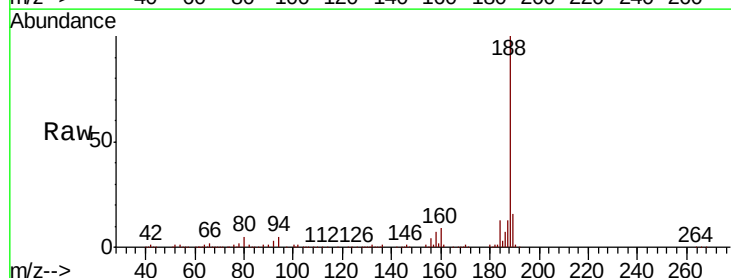
Tgt Ion: 188 Resp: 248127

Ion Ratio Lower Upper

188 100

94 5.2 4.5 6.7

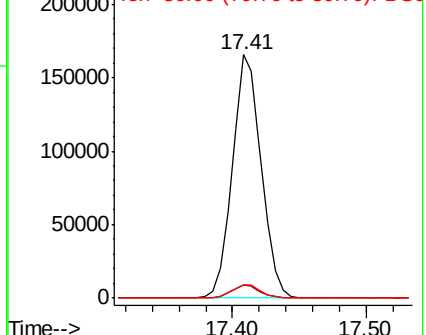
80 5.5 4.9 7.3

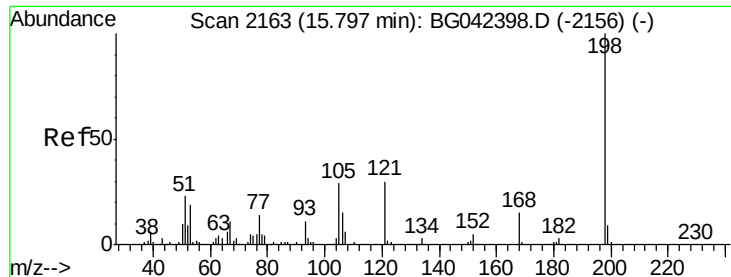


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 43.744 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

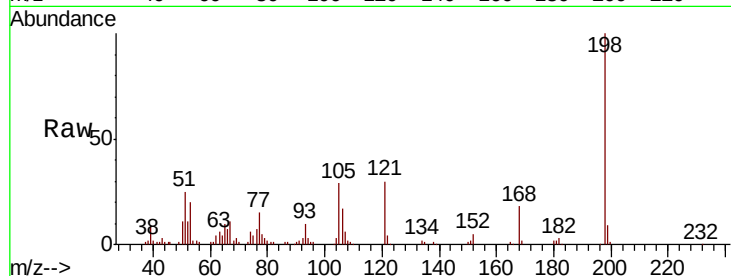
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 68050

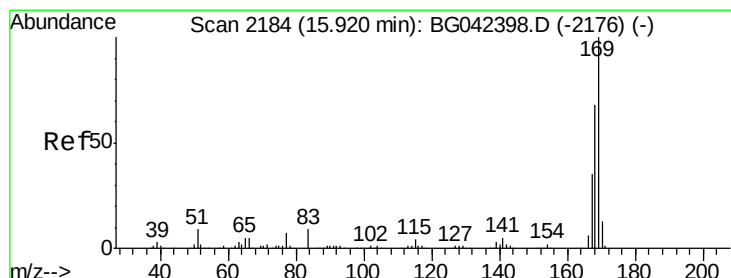
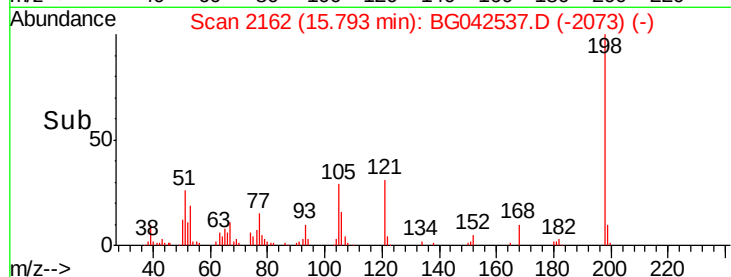
Ion	Ratio	Lower	Upper
198	100		
51	25.5	4.2	44.2
105	29.1	8.8	48.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.260 ng

RT: 15.91 min Scan# 2182

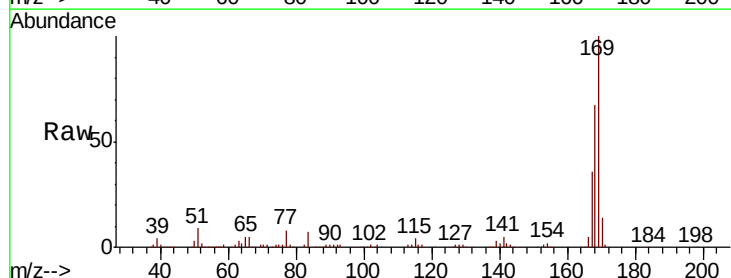
Delta R.T. -0.01 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

Tgt Ion:169 Resp: 261075

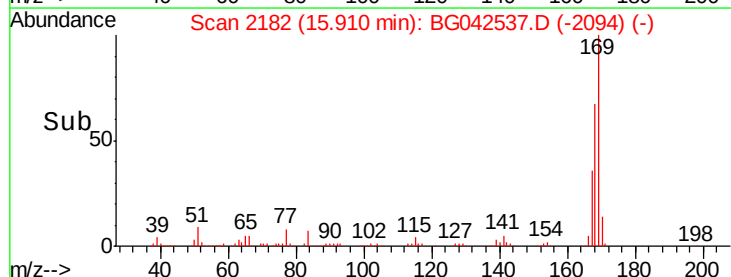
Ion	Ratio	Lower	Upper
169	100		
168	67.2	54.3	81.5
167	35.8	28.2	42.2

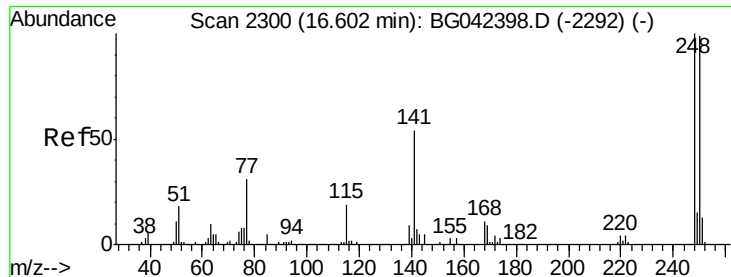


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

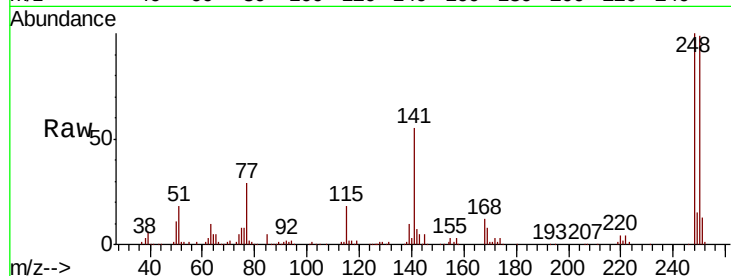




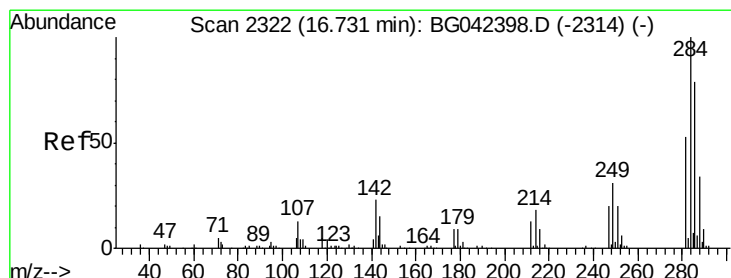
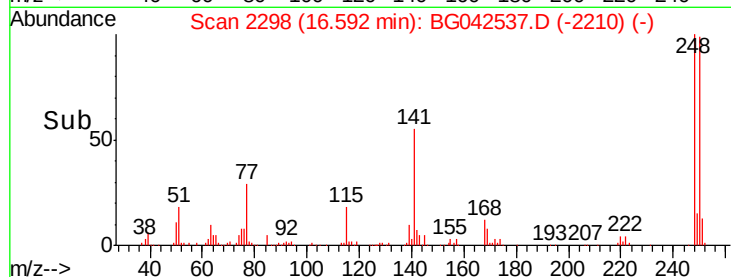
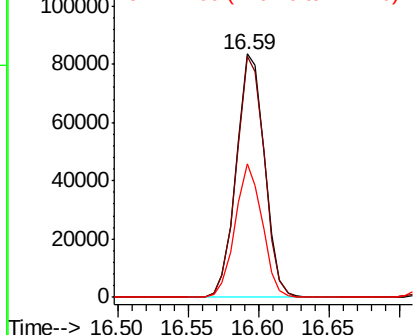
#67
 4-Bromophenyl-phenylether
 Concen: 37.032 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042537.D
 Acq: 28 Aug 2019 18:01

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 116553
 Ion Ratio Lower Upper
 248 100
 250 99.1 78.9 118.3
 141 55.1 43.3 64.9

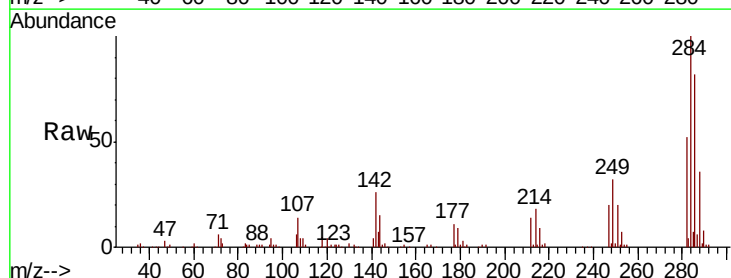


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

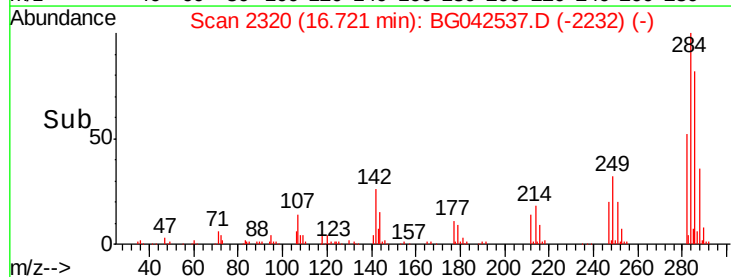
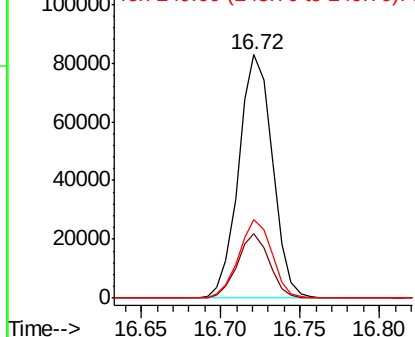


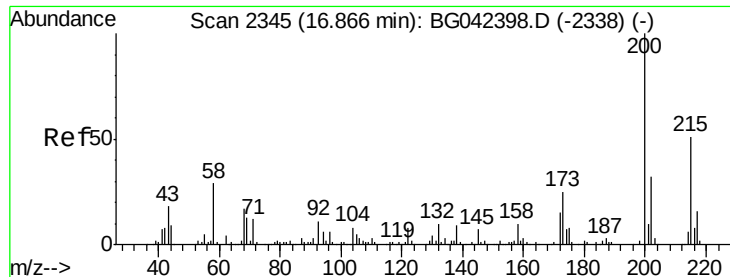
#68
 Hexachlorobenzene
 Concen: 35.771 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042537.D
 Acq: 28 Aug 2019 18:01

Tgt Ion:284 Resp: 122388
 Ion Ratio Lower Upper
 284 100
 142 26.4 18.2 27.4
 249 32.0 25.0 37.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 44.197 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.00 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

Instrument :

BNA_G

ClientSampleId :

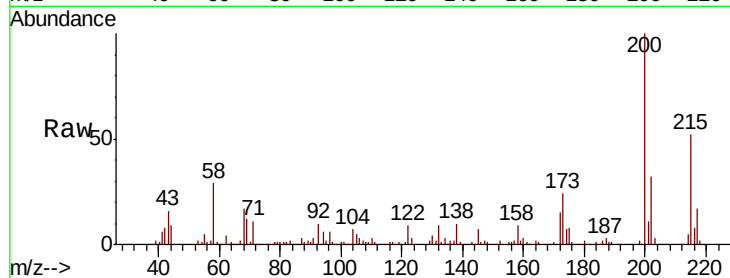
Tot Ion:200 Resp: 106650

Ion Ratio Lower Upper

200 100

173 24.5 4.9 44.9

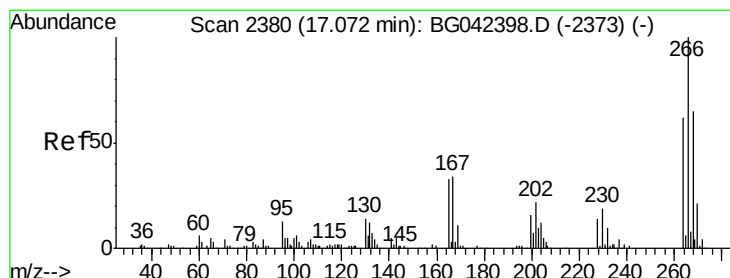
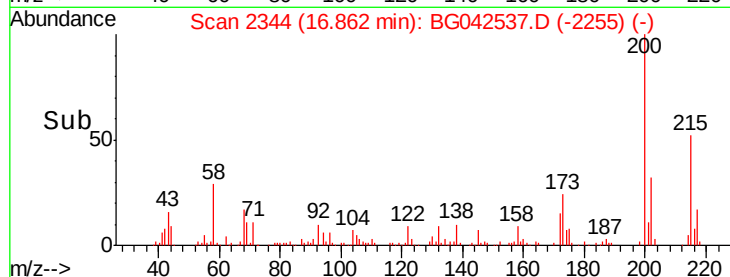
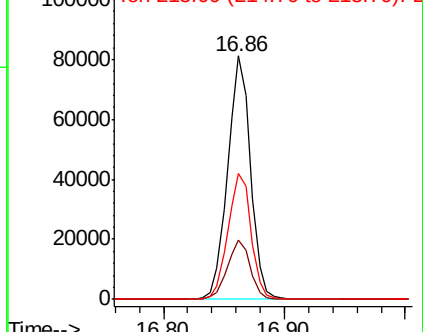
215 51.8 30.7 70.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 82.352 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.00 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

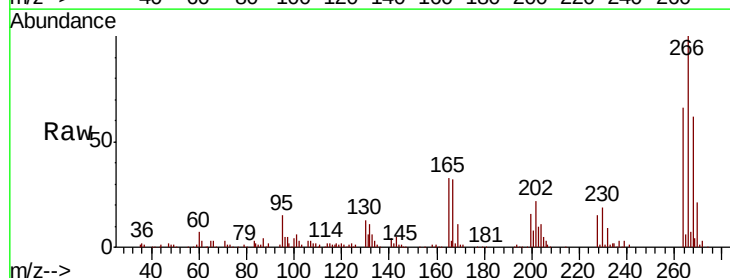
Tgt Ion:266 Resp: 146397

Ion Ratio Lower Upper

266 100

268 62.0 52.1 78.1

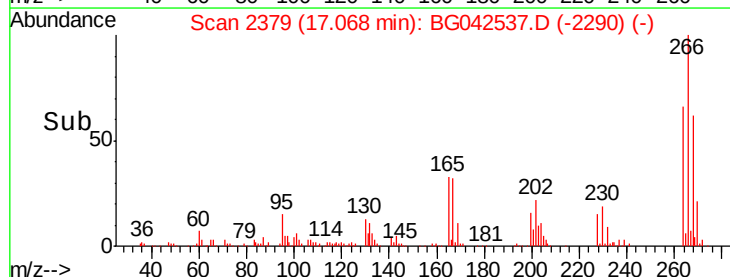
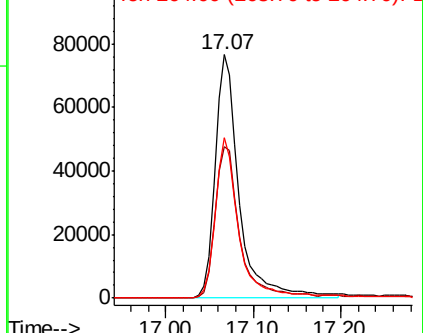
264 65.7 49.4 74.2

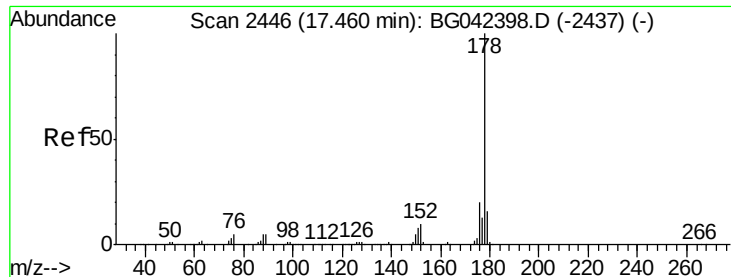


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

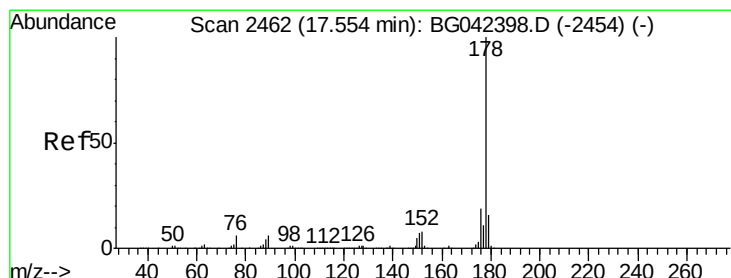
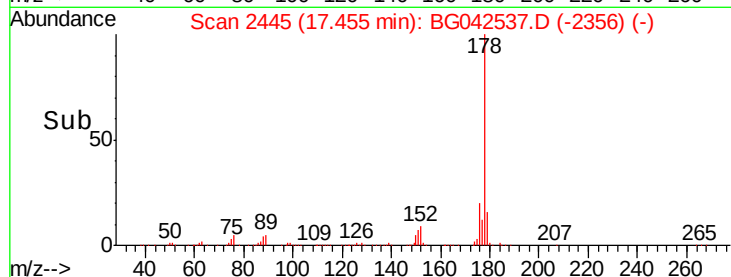
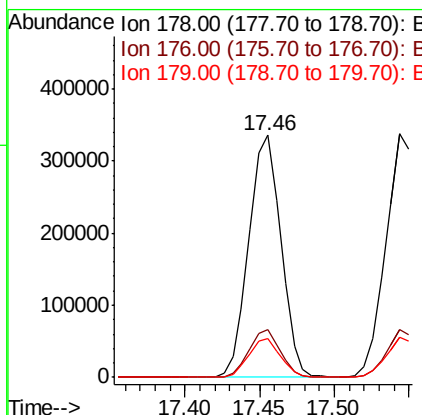
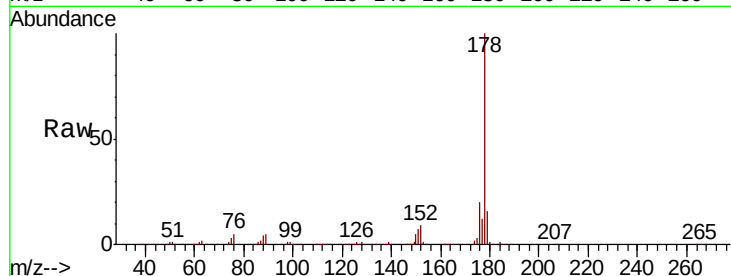




#71
Phenanthrene
Concen: 40.642 ng
RT: 17.46 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG042537.D
Acq: 28 Aug 2019 18:01

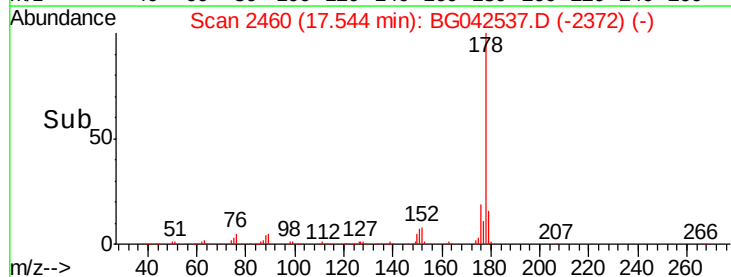
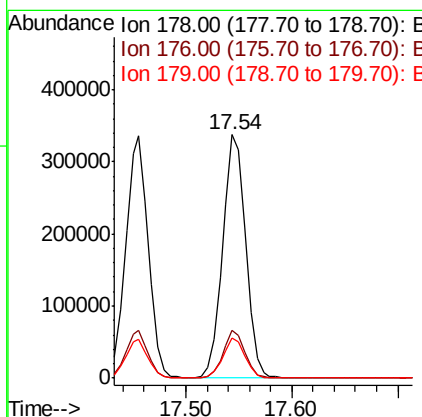
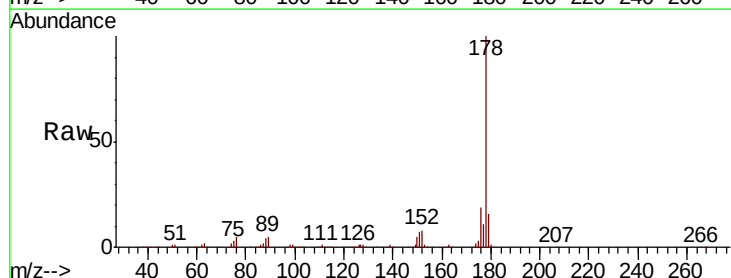
Instrument :
BNA_G
ClientSampleId :

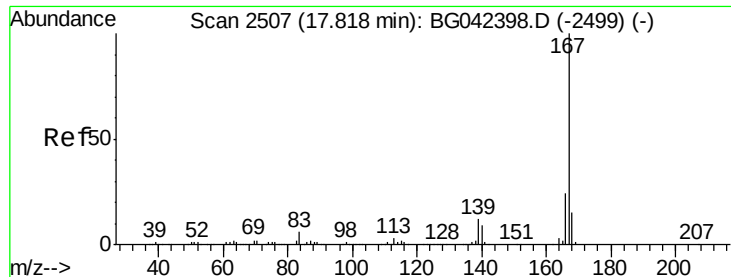
Tot Ion:178 Resp: 500906
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 16.0 12.7 19.1



#72
Anthracene
Concen: 41.490 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042537.D
Acq: 28 Aug 2019 18:01

Tgt Ion:178 Resp: 510486
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 16.2 12.9 19.3





#73

Carbazole

Concen: 42.959 ng

RT: 17.81 min Scan# 2506

Delta R.T. -0.00 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

Instrument :

BNA_G

ClientSampleId :

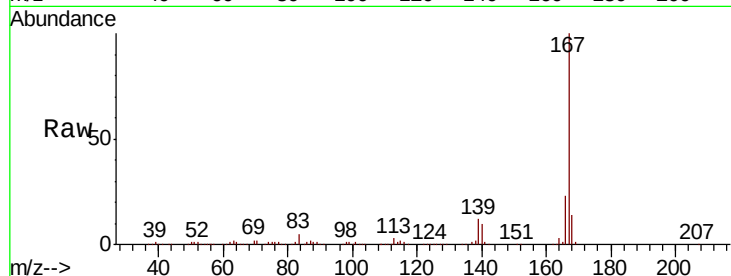
Tot Ion:167 Resp: 471081

Ion Ratio Lower Upper

167 100

166 22.8 18.9 28.3

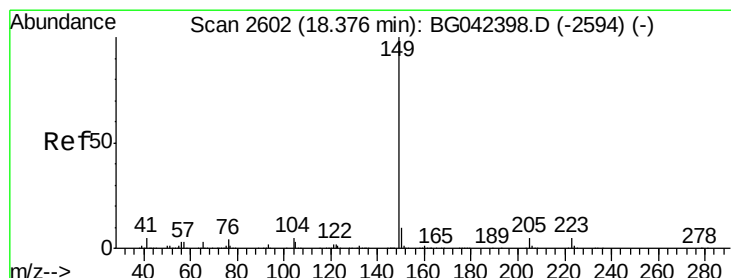
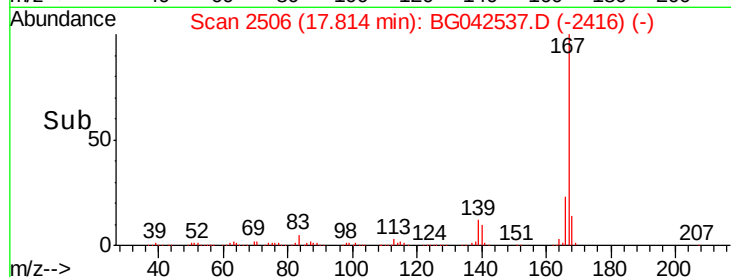
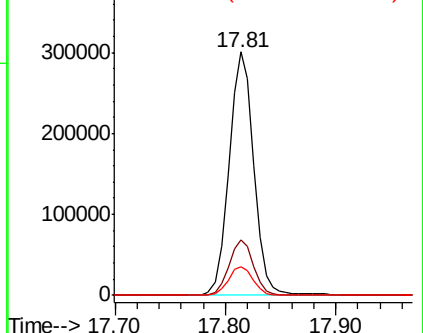
139 11.7 9.8 14.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.620 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.00 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

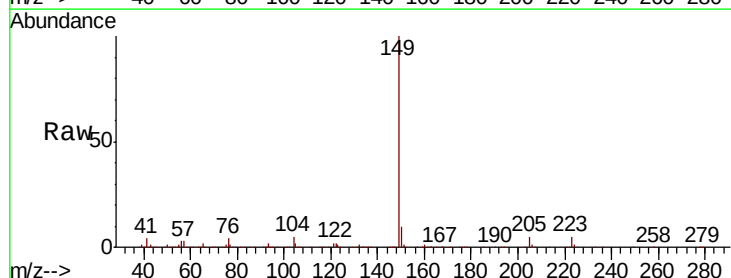
Tgt Ion:149 Resp: 526536

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

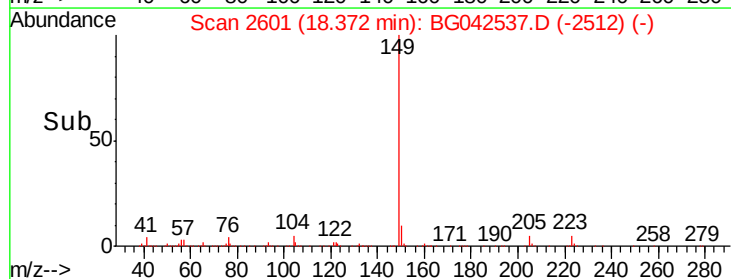
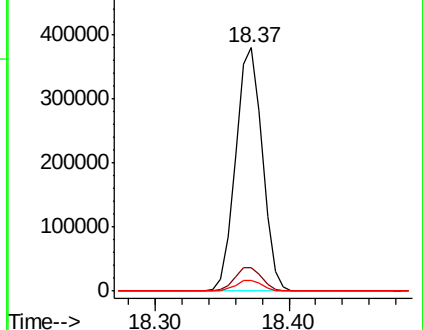
104 4.5 3.7 5.5

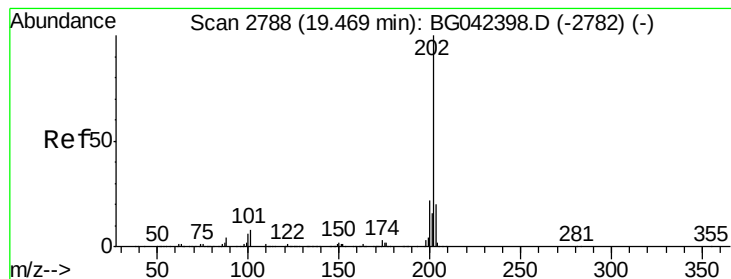


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.031 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

Instrument :

BNA_G

ClientSampleId :

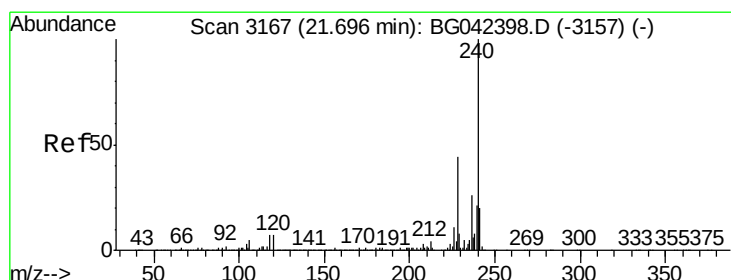
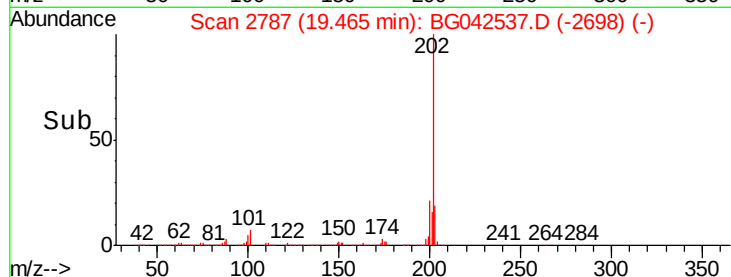
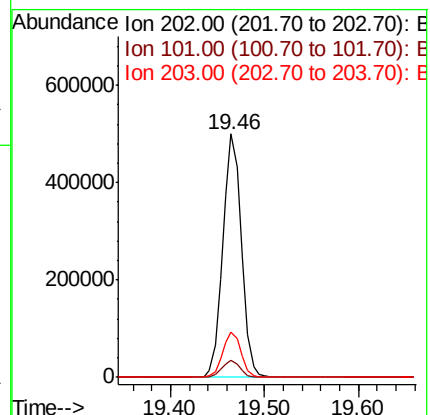
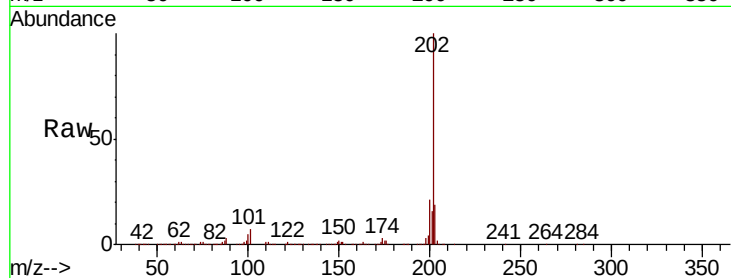
Tot Ion:202 Resp: 692380

Ion Ratio Lower Upper

202 100

101 6.8 0.0 28.3

203 18.6 0.0 39.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

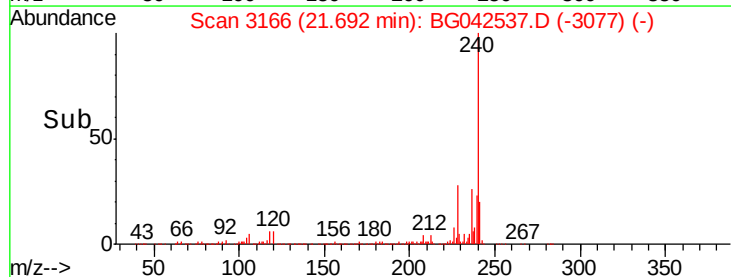
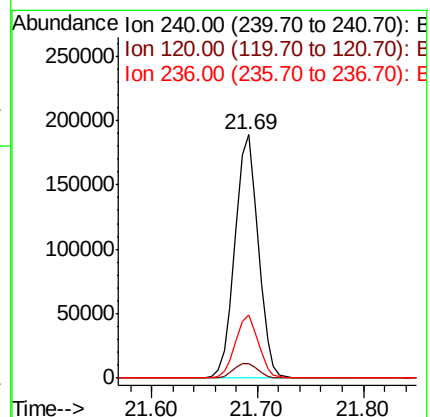
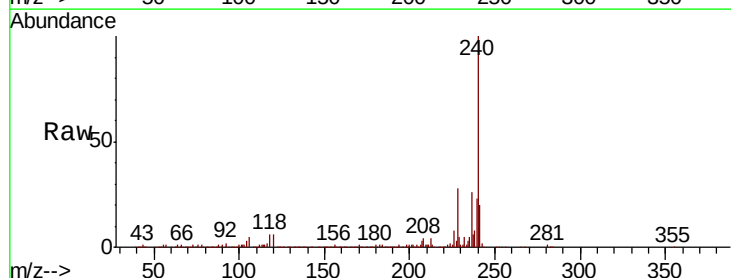
Tgt Ion:240 Resp: 287102

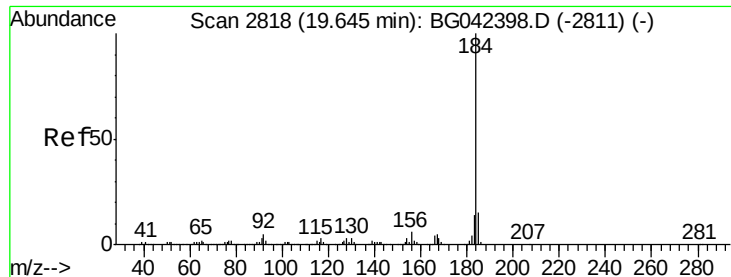
Ion Ratio Lower Upper

240 100

120 6.1 5.7 8.5

236 26.1 21.0 31.4





#77

Benzidine

Concen: 32.037 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

Instrument :

BNA_G

ClientSampleId :

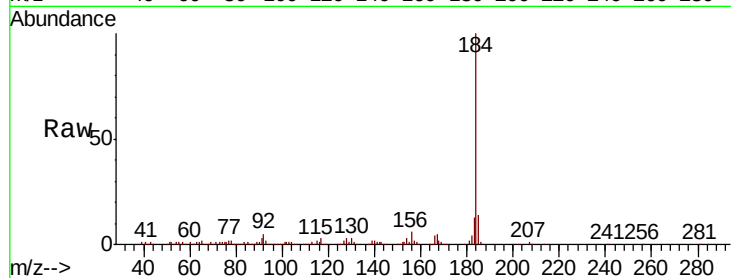
Tot Ion:184 Resp: 263709

Ion Ratio Lower Upper

184 100

185 14.5 12.2 18.4

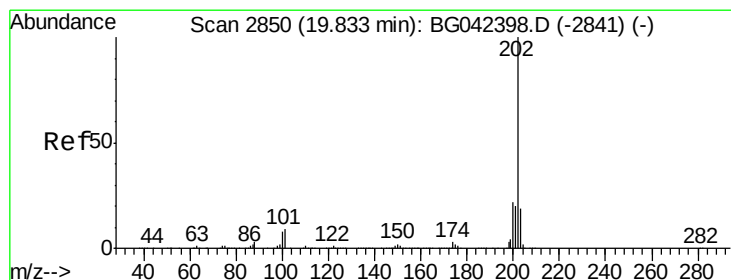
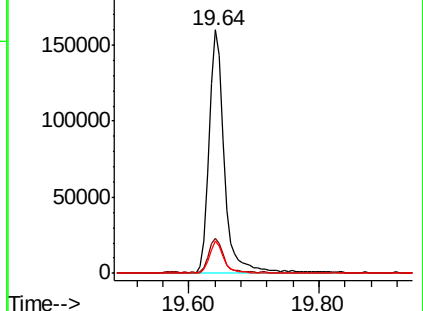
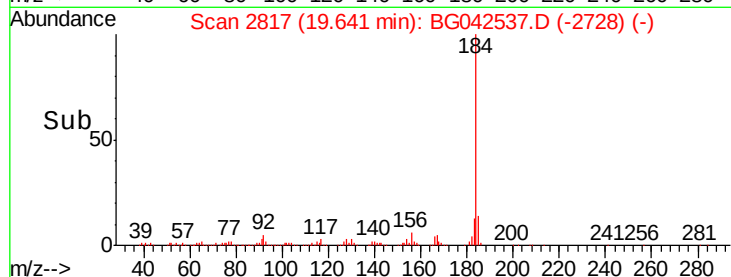
183 13.4 10.8 16.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.778 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

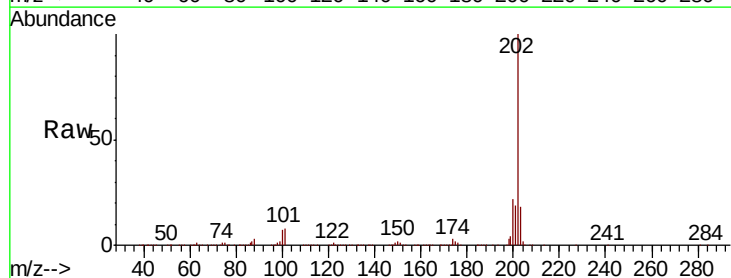
Tgt Ion:202 Resp: 700174

Ion Ratio Lower Upper

202 100

200 21.7 17.8 26.6

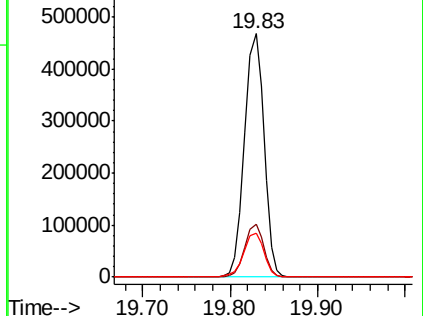
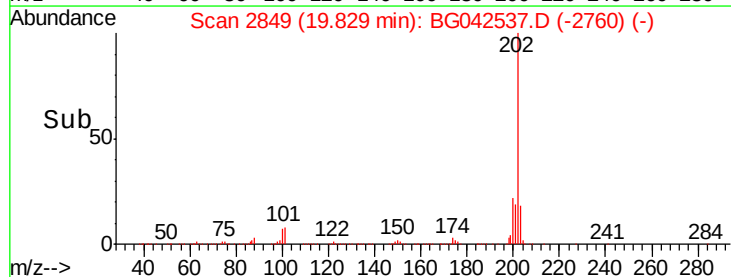
203 18.2 15.5 23.3

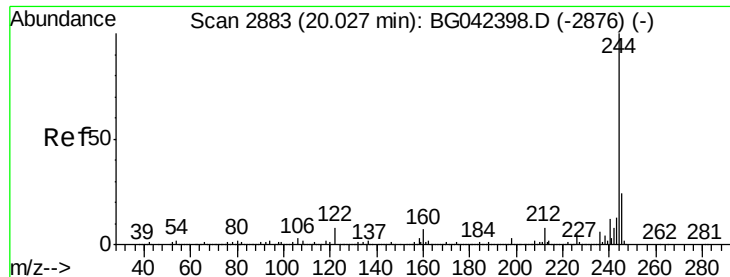


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 63.127 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

Instrument :

BNA_G

ClientSampleId :

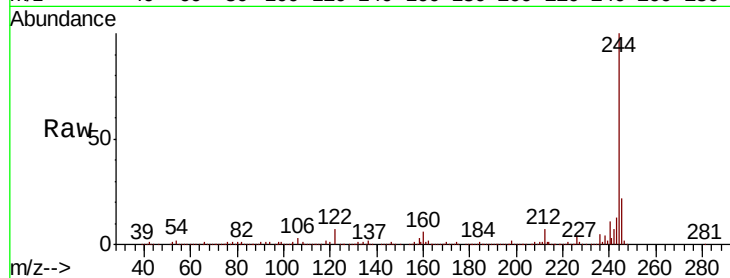
Tot Ion:244 Resp: 838327

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

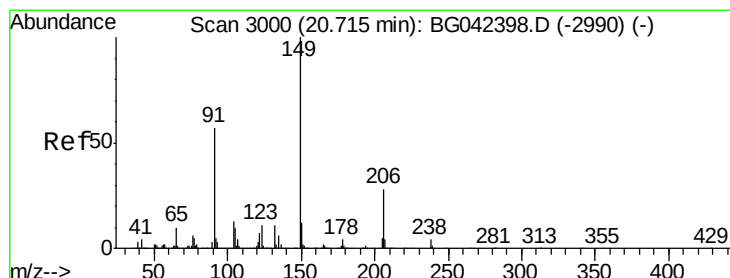
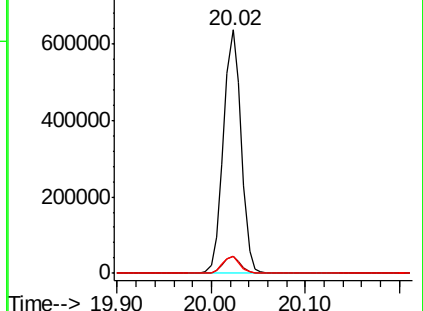
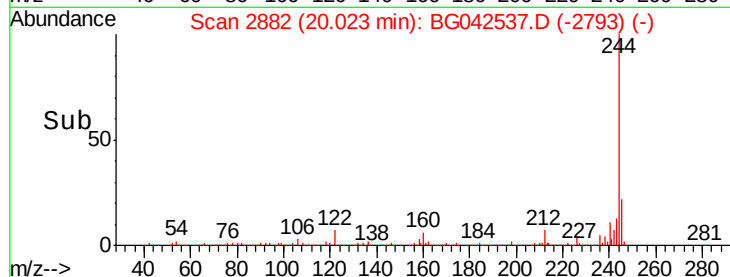
122 6.8 6.7 10.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.536 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.00 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

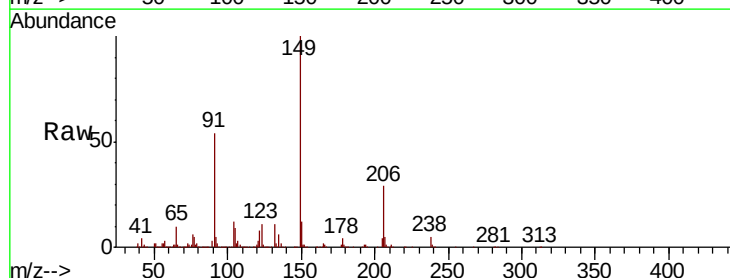
Tgt Ion:149 Resp: 259869

Ion Ratio Lower Upper

149 100

91 54.5 45.9 68.9

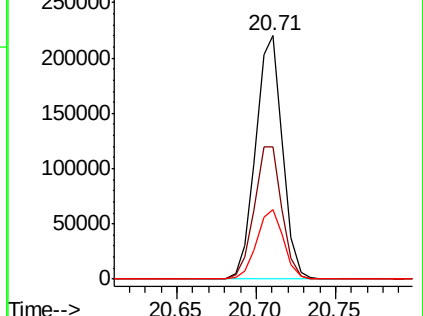
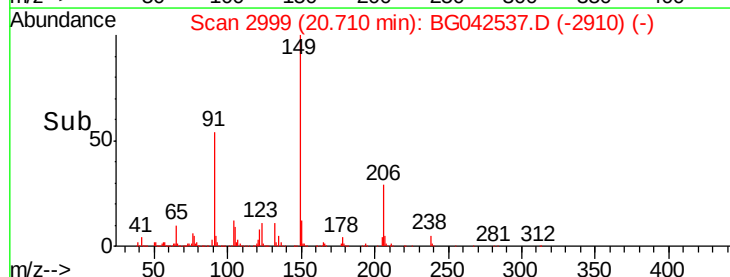
206 28.8 22.5 33.7

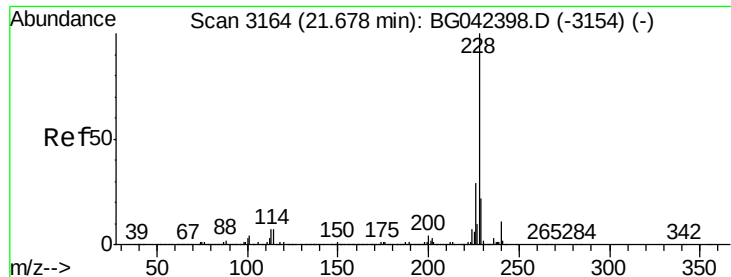


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

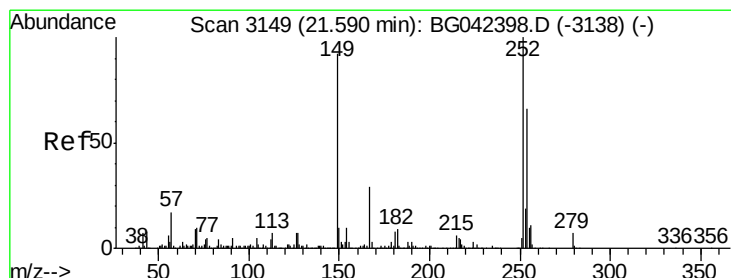
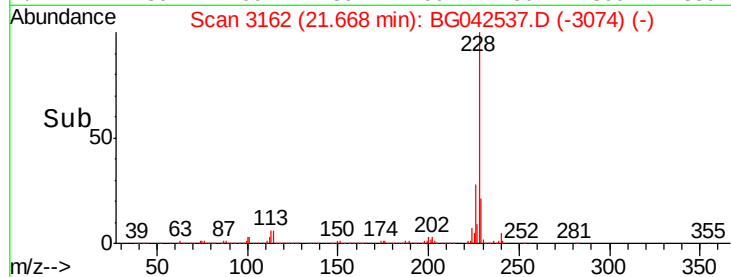
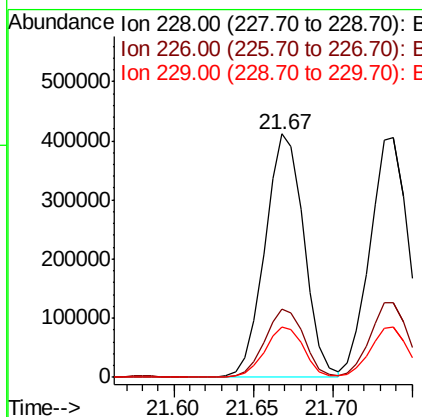
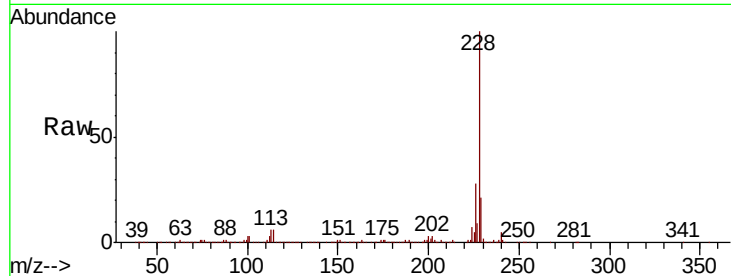




#81
Benzo(a)anthracene
Concen: 40.140 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042537.D
Acq: 28 Aug 2019 18:01

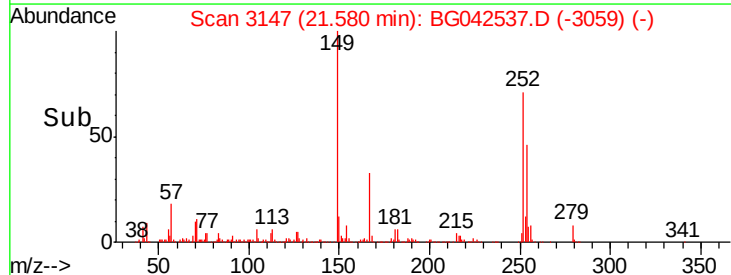
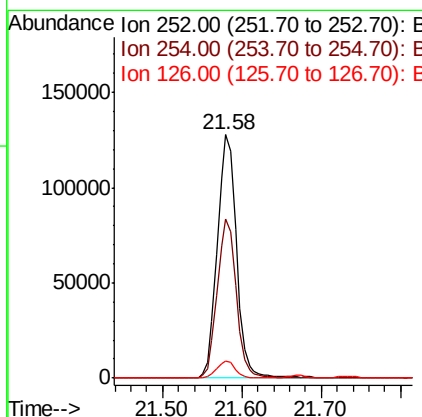
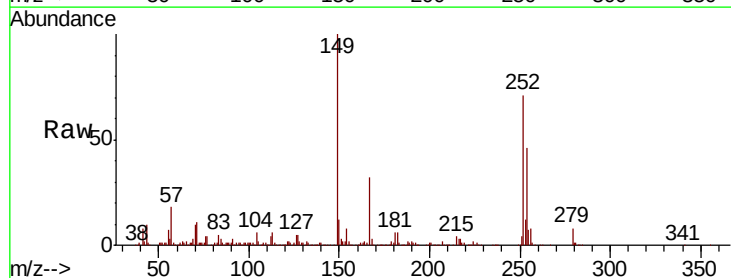
Instrument :
BNA_G
ClientSampleId :

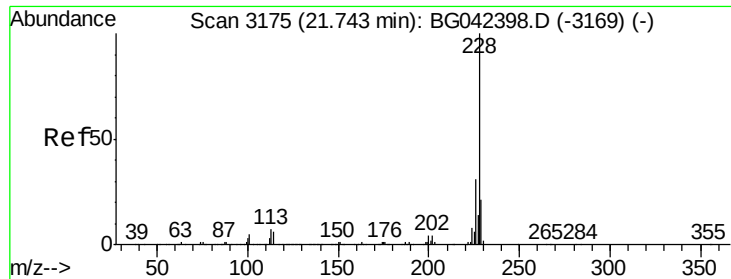
Tot Ion:228 Resp: 701037
Ion Ratio Lower Upper
228 100
226 28.1 23.4 35.2
229 20.9 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 30.645 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG042537.D
Acq: 28 Aug 2019 18:01

Tgt Ion:252 Resp: 215253
Ion Ratio Lower Upper
252 100
254 65.3 53.0 79.4
126 7.0 5.7 8.5

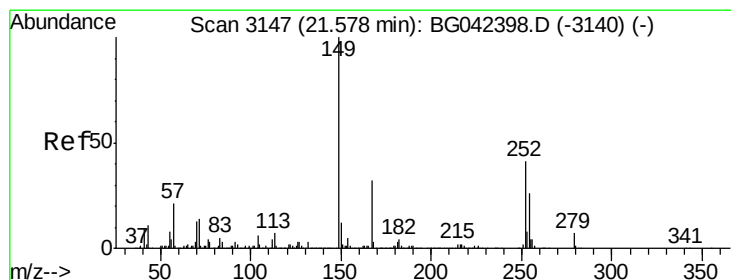
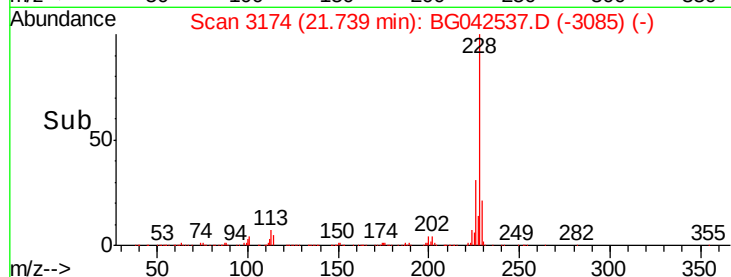
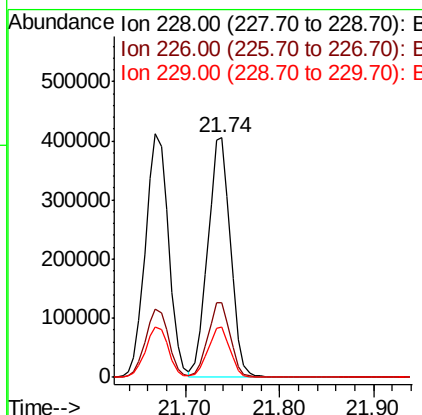
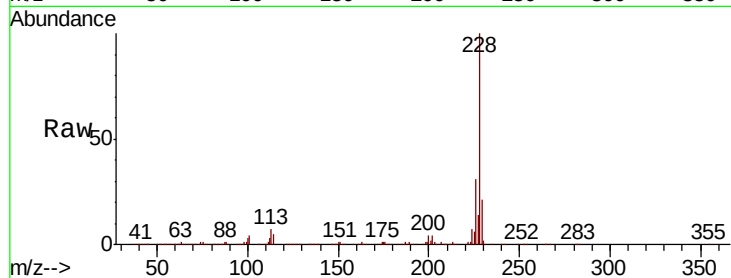




#83
 Chrysene
 Concen: 40.809 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: BG042537.D
 Acq: 28 Aug 2019 18:01

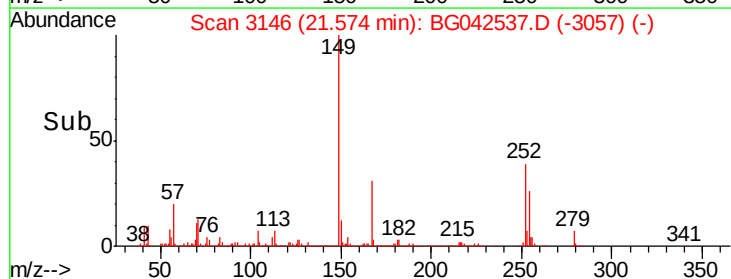
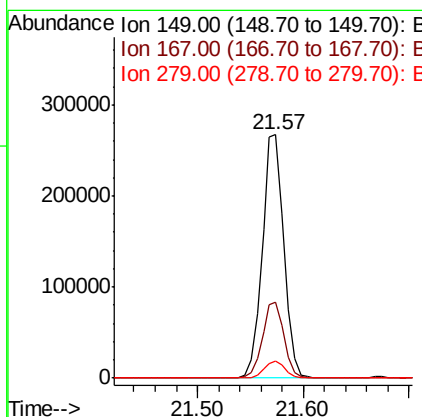
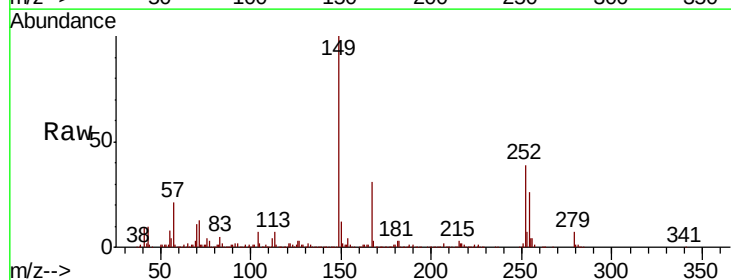
Instrument :
 BNA_G
 ClientSampled :

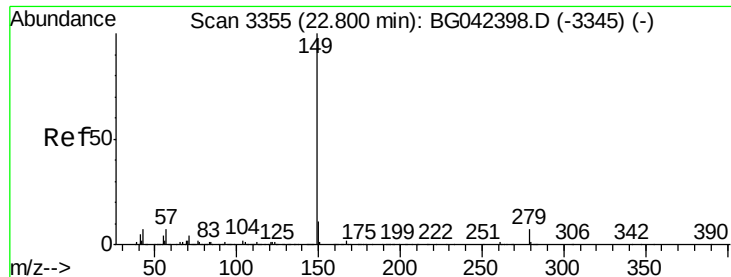
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	20.8	16.9	25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.439 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG042537.D
 Acq: 28 Aug 2019 18:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.4	26.0	39.0
279	7.2	5.4	8.0





#85

Di-n-octyl phthalate

Concen: 39.523 ng

RT: 22.79 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

Instrument :

BNA_G

ClientSampleId :

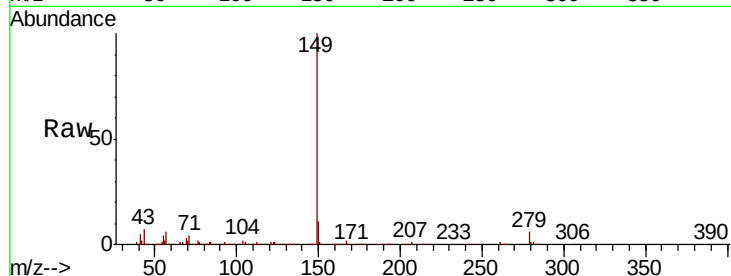
Tot Ion:149 Resp: 653425

Ion Ratio Lower Upper

149 100

167 1.8 1.6 2.4

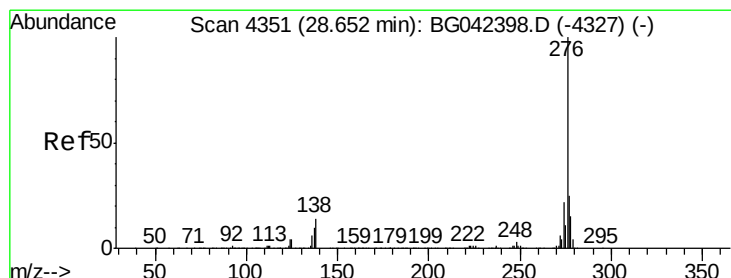
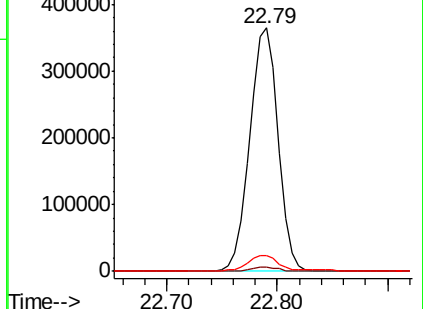
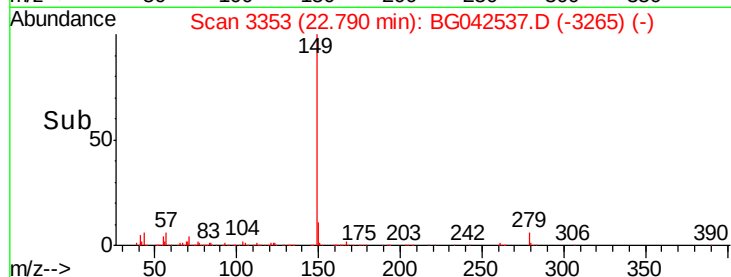
43 6.9 5.3 7.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.131 ng

RT: 28.64 min Scan# 4348

Delta R.T. -0.02 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

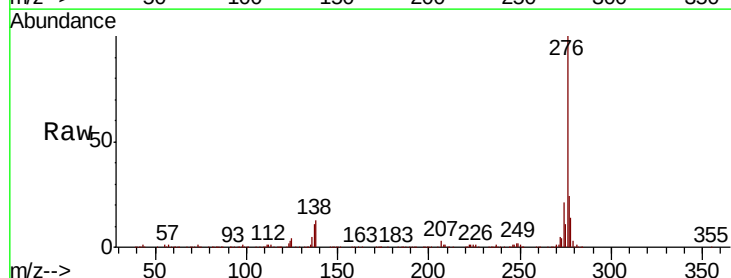
Tgt Ion:276 Resp: 918593

Ion Ratio Lower Upper

276 100

138 16.0 9.2 13.8#

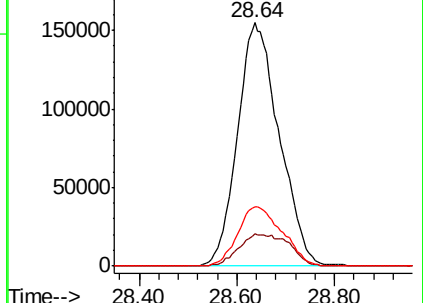
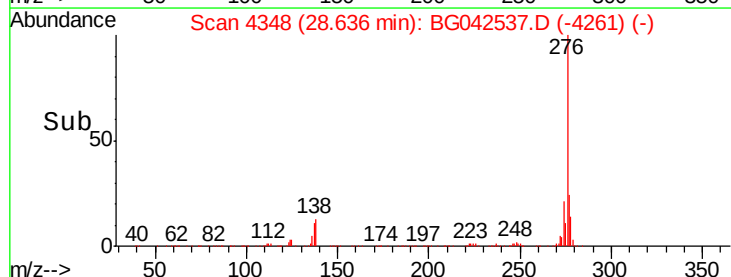
277 26.0 21.0 31.6

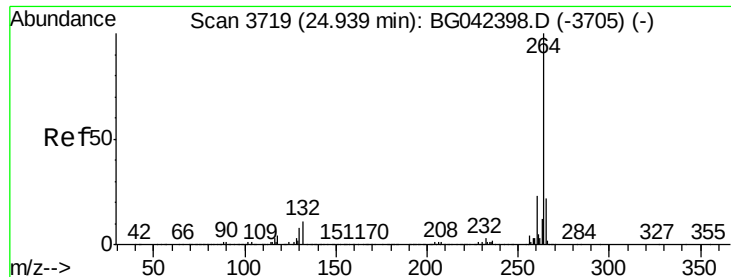


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

Instrument :

BNA_G

ClientSampleId :

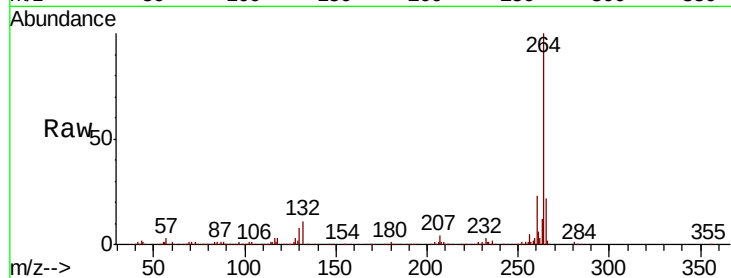
Tot Ion:264 Resp: 348944

Ion Ratio Lower Upper

264 100

260 22.6 18.5 27.7

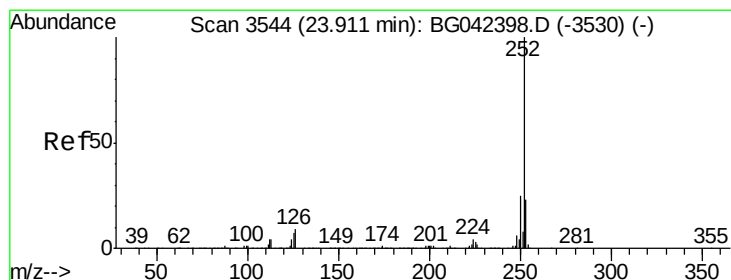
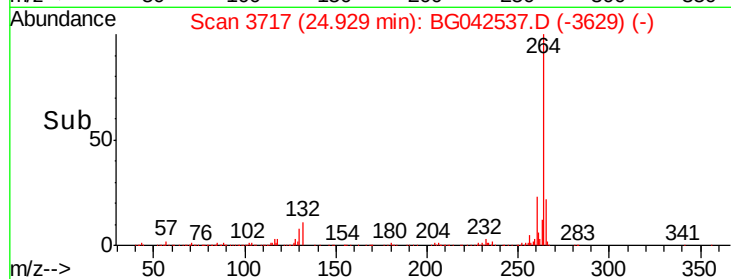
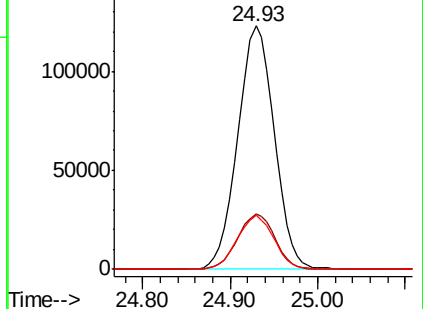
265 22.3 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.978 ng

RT: 23.90 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

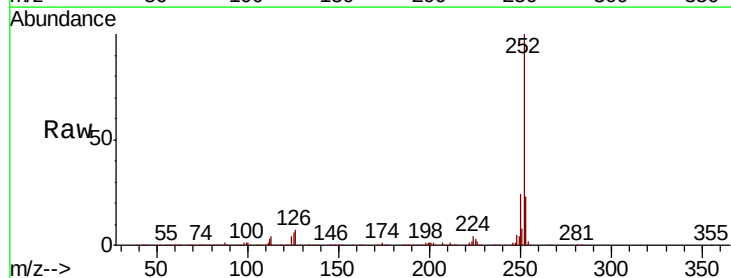
Tgt Ion:252 Resp: 786112

Ion Ratio Lower Upper

252 100

253 23.2 18.6 27.8

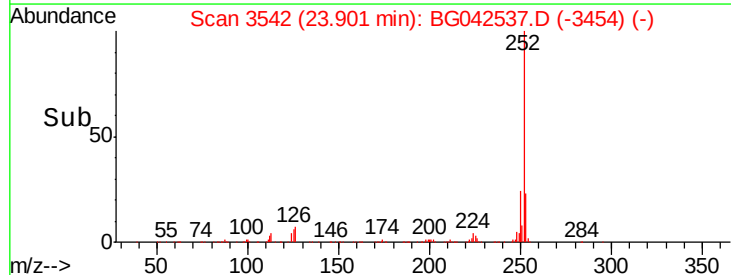
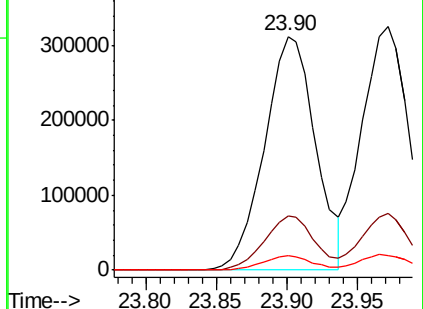
125 6.0 5.6 8.4

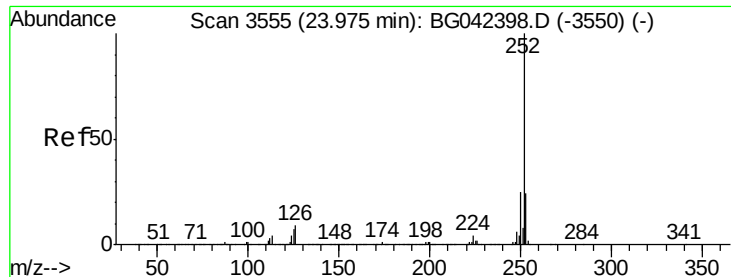


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.238 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.00 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

Instrument :

BNA_G

ClientSampleId :

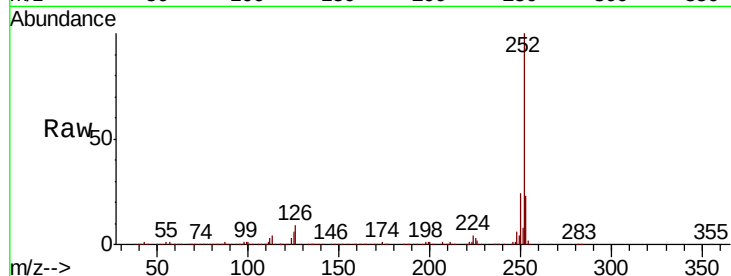
Tot Ion:252 Resp: 760405

Ion Ratio Lower Upper

252 100

253 23.2 18.6 27.8

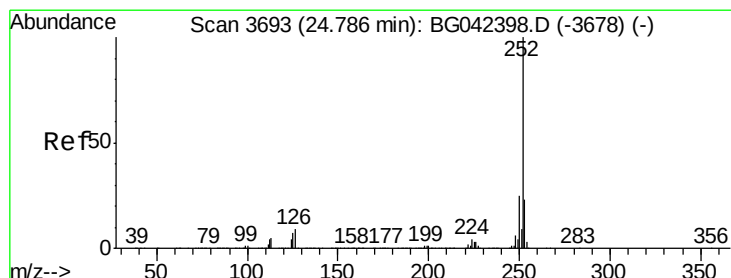
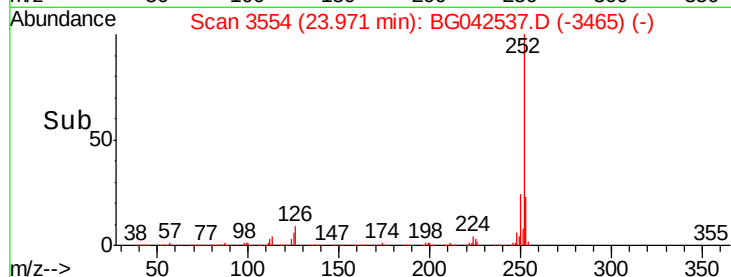
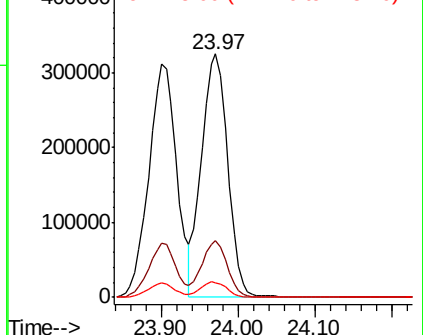
125 6.1 5.8 8.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.581 ng

RT: 24.78 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

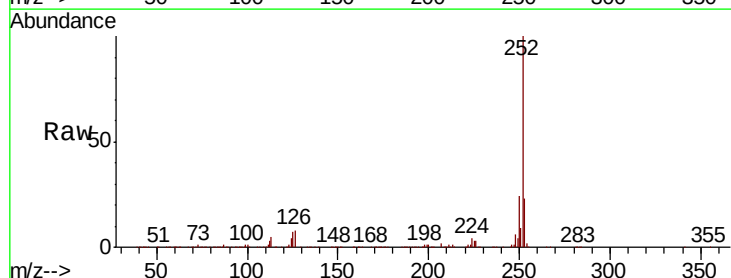
Tgt Ion:252 Resp: 775137

Ion Ratio Lower Upper

252 100

253 23.1 18.4 27.6

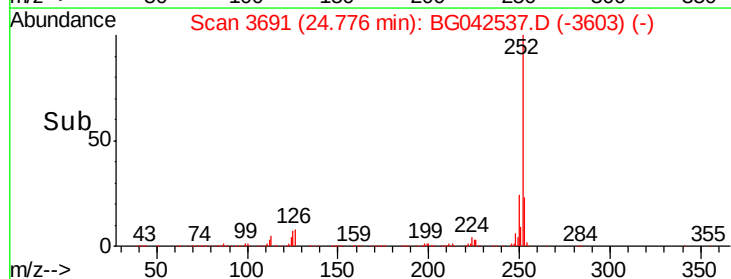
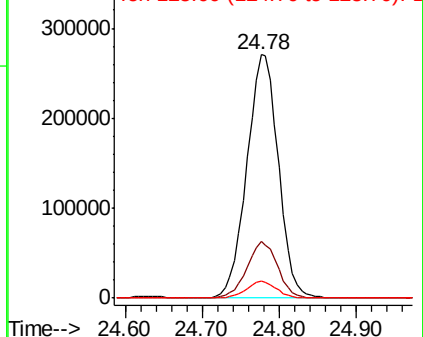
125 6.8 6.0 9.0

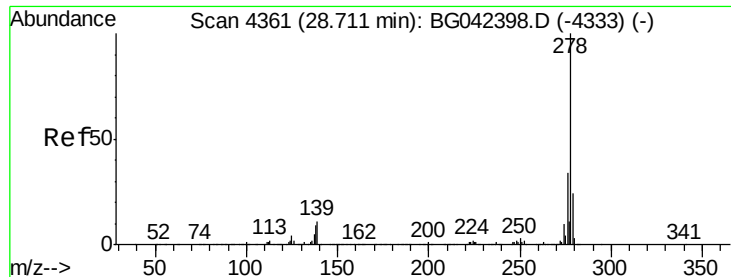


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.188 ng

RT: 28.70 min Scan# 4359

Delta R.T. -0.01 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

Instrument :

BNA_G

ClientSampled :

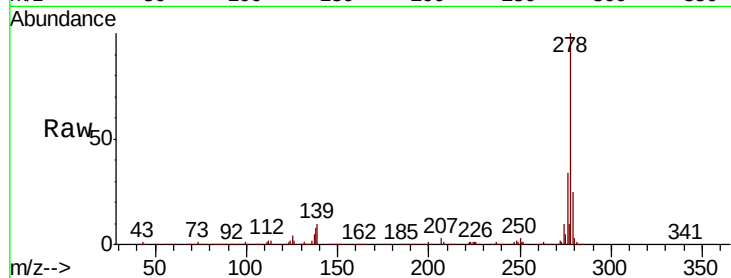
Tot Ion:278 Resp: 759142

Ion Ratio Lower Upper

278 100

139 10.4 8.8 13.2

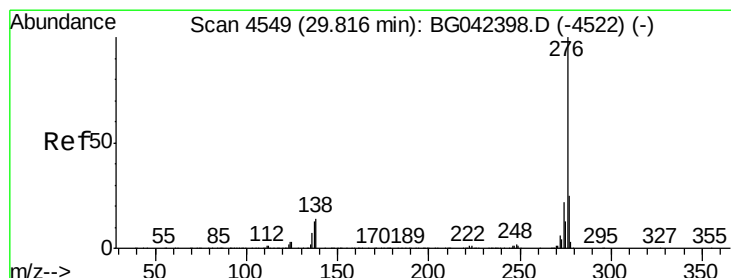
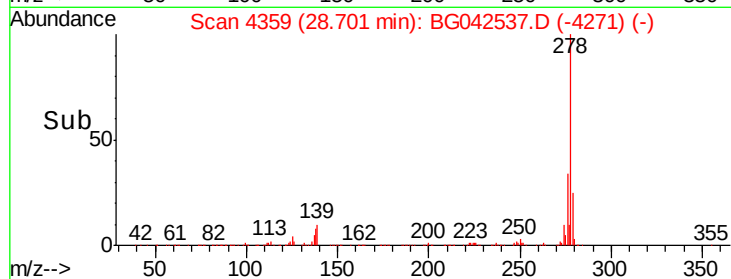
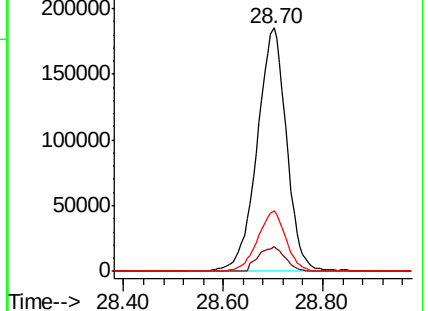
279 24.7 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.905 ng

RT: 29.80 min Scan# 4546

Delta R.T. -0.02 min

Lab File: BG042537.D

Acq: 28 Aug 2019 18:01

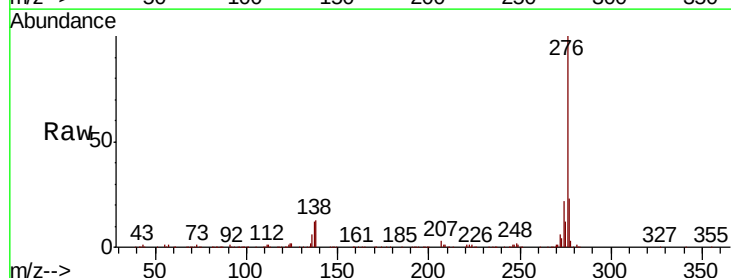
Tgt Ion:276 Resp: 772487

Ion Ratio Lower Upper

276 100

277 23.1 19.8 29.8

138 13.0 11.4 17.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

