

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
 Data File : BG043524.D
 Acq On : 6 Nov 2019 17:35
 Operator : JU
 Sample : PB124447BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 07 01:05:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	33170	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	133057	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	96913	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	222824	20.00	ng	0.00
76) Chrysene-d12	21.66	240	245124	20.00	ng	0.00
87) Perylene-d12	24.85	264	226857	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	225904	124.80	ng	0.00
7) Phenol-d6	7.20	99	303122	116.39	ng	0.00
23) Nitrobenzene-d5	9.18	82	155171	60.12	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	178312	96.68	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	413244	58.92	ng	0.00
79) Terphenyl-d14	20.00	244	768622	58.83	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.47	88	25302	35.869	ng	95
3) Pyridine	3.87	79	59470	33.421	ng	96
4) n-Nitrosodimethylamine	3.79	42	35634	39.686	ng	96
6) Aniline	7.34	93	79195	26.397	ng	99
8) 2-Chlorophenol	7.58	128	89452	44.766	ng	99
9) Benzaldehyde	7.15	77	27801	21.721	ng	93
10) Phenol	7.22	94	106372	44.697	ng	94
11) bis(2-Chloroethyl)ether	7.43	93	72919	39.630	ng	94
12) 1,3-Dichlorobenzene	7.90	146	97155	38.807	ng	96
13) 1,4-Dichlorobenzene	8.04	146	100125	39.528	ng	96
14) 1,2-Dichlorobenzene	8.36	146	95738	38.710	ng	96
15) Benzyl Alcohol	8.25	79	76369	41.753	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.54	45	99053	37.023	ng	96
17) 2-Methylphenol	8.47	107	77496	44.668	ng	94
18) Hexachloroethane	9.09	117	34970	38.266	ng	94
19) n-Nitroso-di-n-propylamine	8.81	70	64192	38.144	ng	98
20) 3+4-Methylphenols	8.80	107	100237	42.134	ng	96
22) Acetophenone	8.83	105	126399	37.095	ng	# 97
24) Nitrobenzene	9.22	77	97654	39.719	ng	# 95
25) Isophorone	9.73	82	179936	38.133	ng	99
26) 2-Nitrophenol	9.93	139	49930	42.065	ng	94
27) 2,4-Dimethylphenol	10.00	122	80397	47.258	ng	96
28) bis(2-Chloroethoxy)methane	10.22	93	98806	37.940	ng	98
29) 2,4-Dichlorophenol	10.48	162	91613	42.029	ng	95
30) 1,2,4-Trichlorobenzene	10.68	180	106990	38.944	ng	99
31) Naphthalene	10.87	128	273415	40.483	ng	100
32) Benzoic acid	10.16	122	33117	29.737	ng	92
33) 4-Chloroaniline	10.99	127	65411	23.627	ng	98
34) Hexachlorobutadiene	11.15	225	72690	35.793	ng	94
35) Caprolactam	11.75	113	22548	30.035	ng	99
36) 4-Chloro-3-methylphenol	12.11	107	96762	40.696	ng	97
37) 2-Methylnaphthalene	12.47	142	208568	40.247	ng	97
38) 1-Methylnaphthalene	12.69	142	192908	39.124	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	133416	37.198	ng	99

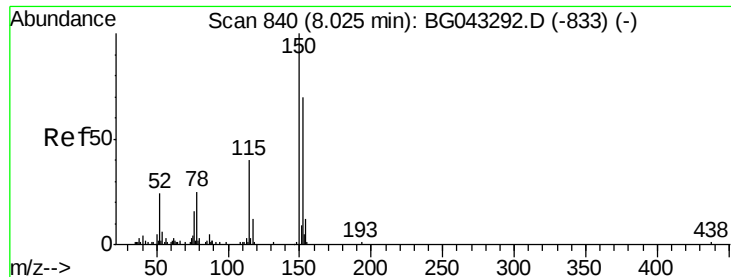
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
 Data File : BG043524.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	98657	52.364	ng	98
43) 2,4,6-Trichlorophenol	13.08	196	84300	39.911	ng	99
44) 2,4,5-Trichlorophenol	13.17	196	87978	41.200	ng	98
46) 1,1'-Biphenyl	13.48	154	272642	36.980	ng	95
47) 2-Chloronaphthalene	13.52	162	209822	37.404	ng	98
48) 2-Nitroaniline	13.73	65	61942	36.945	ng	95
49) Acenaphthylene	14.36	152	343659	39.363	ng	99
50) Dimethylphthalate	14.09	163	275111	36.649	ng	98
51) 2,6-Dinitrotoluene	14.22	165	63922	39.197	ng	98
52) Acenaphthene	14.70	154	198775	37.334	ng	96
53) 3-Nitroaniline	14.55	138	40053	25.439	ng	97
54) 2,4-Dinitrophenol	14.76	184	69858	69.637	ng	94
55) Dibenzofuran	15.04	168	332717	38.536	ng	98
56) 4-Nitrophenol	14.89	139	88294	83.682	ng	91
57) 2,4-Dinitrotoluene	15.00	165	91168	39.118	ng	99
58) Fluorene	15.69	166	275784	38.084	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	88905	39.187	ng	96
60) Diethylphthalate	15.46	149	277298	36.765	ng	99
61) 4-Chlorophenyl-phenylether	15.68	204	157144	37.198	ng	98
62) 4-Nitroaniline	15.72	138	61629	37.901	ng	96
63) Azobenzene	15.97	77	227940	37.341	ng	99
65) 4,6-Dinitro-2-methylphenol	15.77	198	56416	43.022	ng	97
66) n-Nitrosodiphenylamine	15.89	169	245600	39.041	ng	99
67) 4-Bromophenyl-phenylether	16.57	248	110385	36.811	ng	97
68) Hexachlorobenzene	16.70	284	123455	35.866	ng	99
69) Atrazine	16.84	200	101586	46.472	ng	99
70) Pentachlorophenol	17.05	266	124500	79.377	ng	96
71) Phenanthrene	17.43	178	435528	38.170	ng	99
72) Anthracene	17.52	178	449287	39.355	ng	98
73) Carbazole	17.79	167	407628	39.429	ng	98
74) Di-n-butylphthalate	18.34	149	478713	38.163	ng	99
75) Fluoranthene	19.44	202	573109	38.527	ng	99
77) Benzidine	19.63	184	114937	23.299	ng	98
78) Pyrene	19.80	202	578586	38.133	ng	99
80) Butylbenzylphthalate	20.69	149	215571	37.501	ng	98
81) Benzo(a)anthracene	21.64	228	587989	38.295	ng	99
82) 3,3'-Dichlorobenzidine	21.56	252	190352	32.052	ng	95
83) Chrysene	21.70	228	574139	37.634	ng	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	317844	38.924	ng	100
85) Di-n-octyl phthalate	22.74	149	558557	40.318	ng	99
86) Indeno(1,2,3-cd)pyrene	28.50	276	758343	39.601	ng	99
88) Benzo(b)fluoranthene	23.84	252	626868	48.789	ng	99
89) Benzo(k)fluoranthene	23.91	252	643861	49.778	ng	98
90) Benzo(a)pyrene	24.70	252	580057	47.277	ng	98
91) Dibenzo(a,h)anthracene	28.55	278	659619	52.560	ng	99
92) Benzo(g,h,i)perylene	29.63	276	638260	51.560	ng	98

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

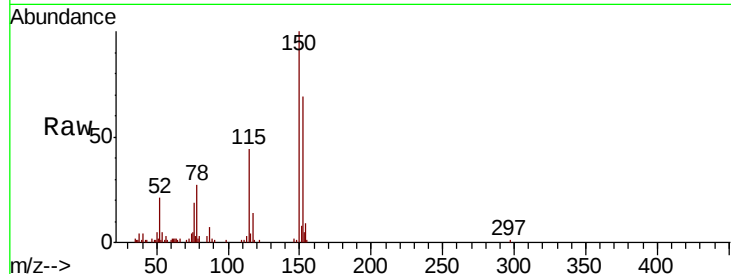


#1

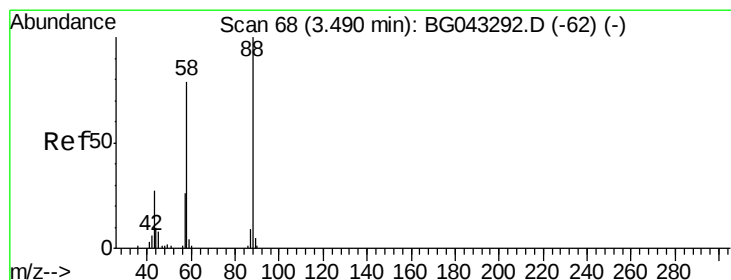
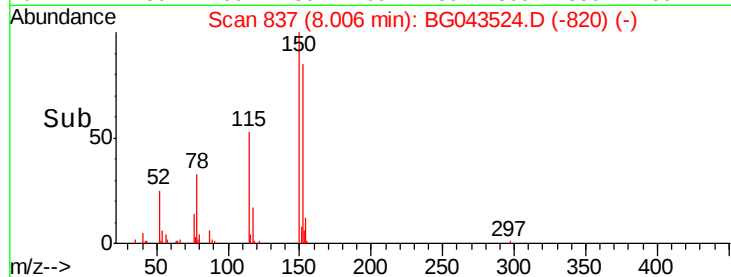
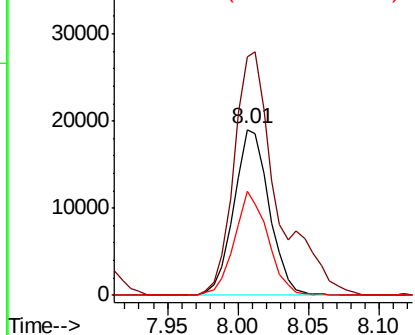
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043524.D
Acq: 6 Nov 2019 17:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 33170
Ion Ratio Lower Upper
152 100
150 144.0 129.4 194.0
115 63.2 48.8 73.2



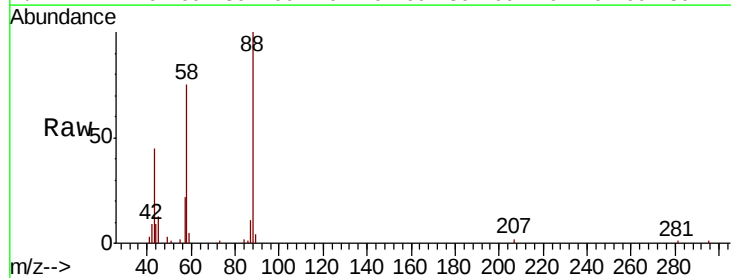
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



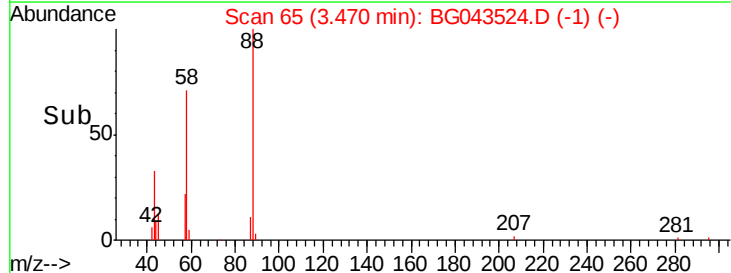
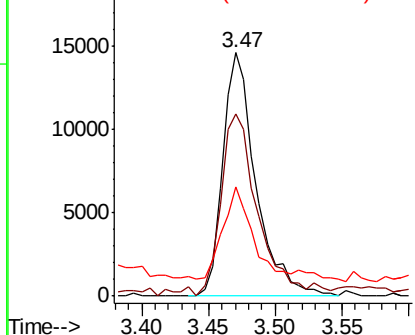
#2

1,4-Dioxane
Concen: 35.869 ng
RT: 3.47 min Scan# 65
Delta R.T. -0.00 min
Lab File: BG043524.D
Acq: 6 Nov 2019 17:35

Tgt Ion: 88 Resp: 25302
Ion Ratio Lower Upper
88 100
58 81.3 62.7 94.1
43 33.8 23.7 35.5



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: 33.421 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

Instrument :

BNA_G

ClientSampleId :

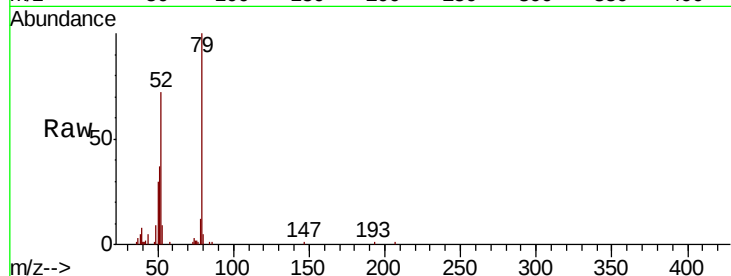
Tot Ion: 79 Resp: 59470

Ion Ratio Lower Upper

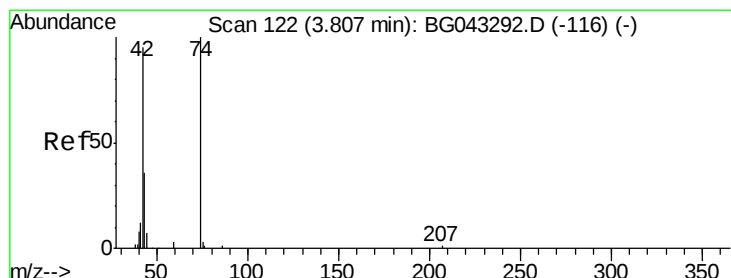
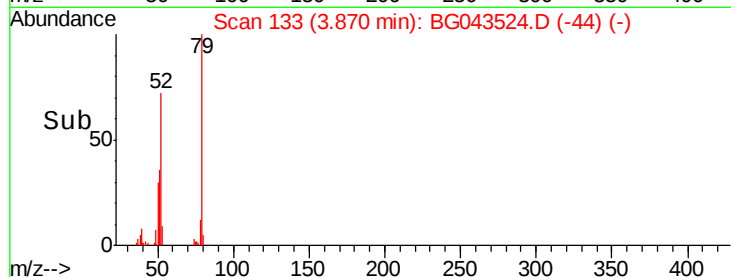
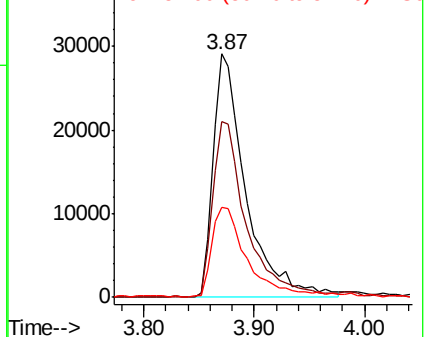
79 100

52 72.3 56.5 84.7

51 37.0 33.2 49.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 39.686 ng

RT: 3.79 min Scan# 120

Delta R.T. 0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

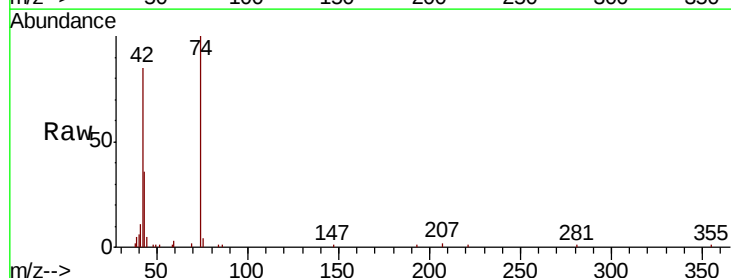
Tgt Ion: 42 Resp: 35634

Ion Ratio Lower Upper

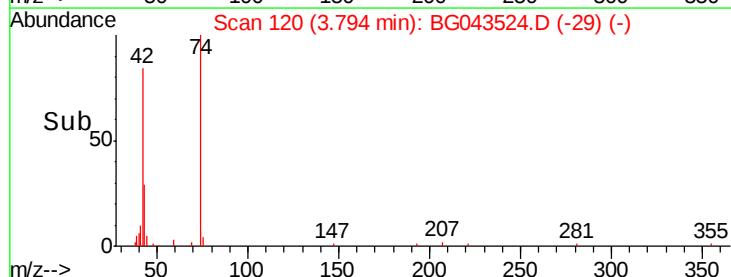
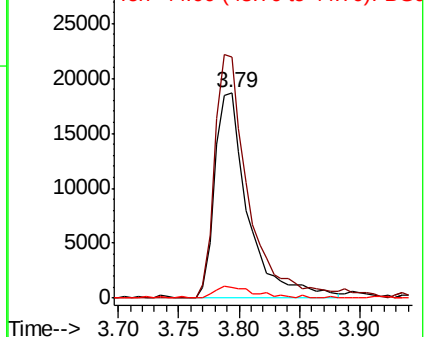
42 100

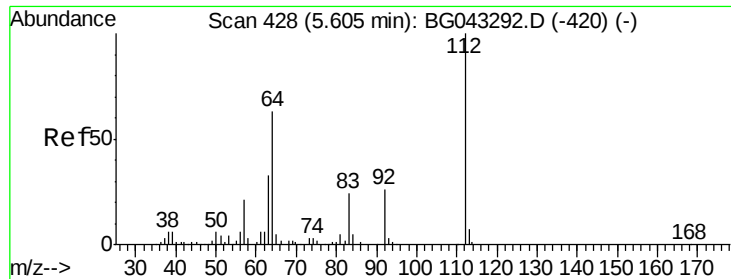
74 117.4 97.3 145.9

44 5.4 4.4 6.6



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 124.799 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

Instrument :

BNA_G

ClientSampleId :

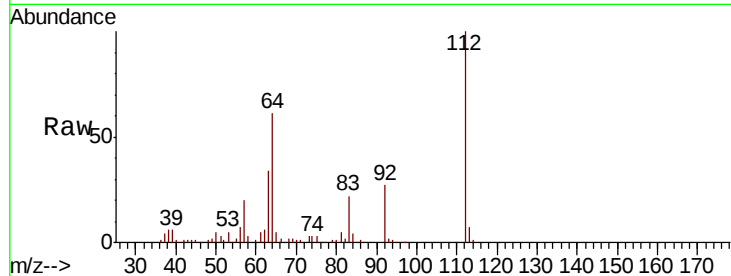
Tot Ion:112 Resp: 225904

Ion Ratio Lower Upper

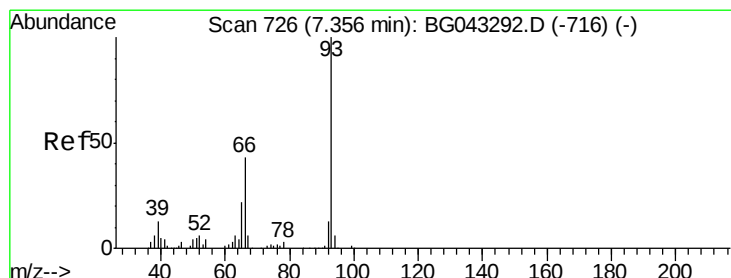
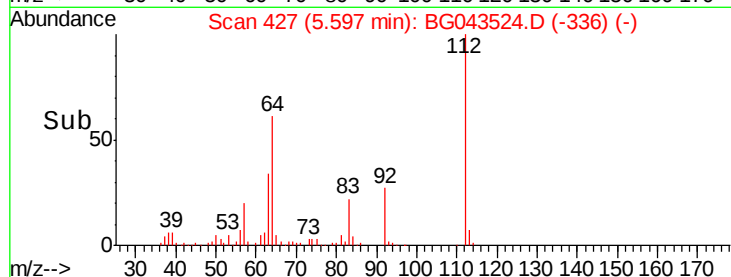
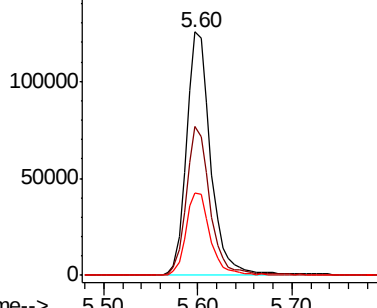
112 100

64 61.4 50.0 75.0

63 33.9 26.6 40.0



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: 26.397 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

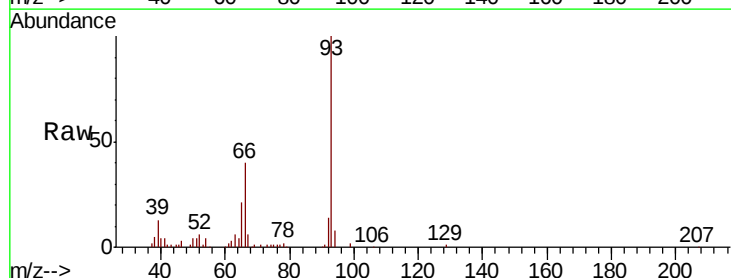
Tgt Ion: 93 Resp: 79195

Ion Ratio Lower Upper

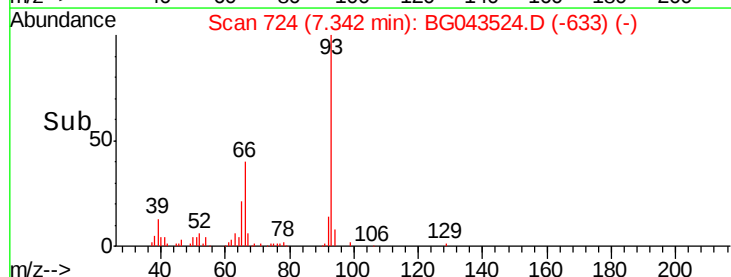
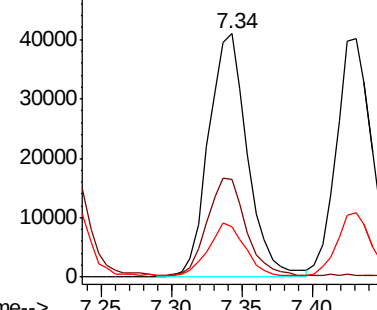
93 100

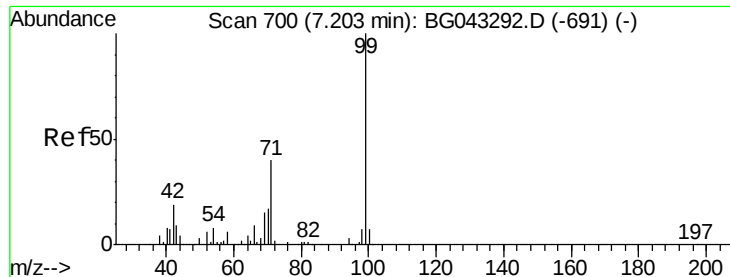
66 40.2 32.3 48.5

65 20.7 16.1 24.1



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: 116.390 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

Instrument :

BNA_G

ClientSampleId :

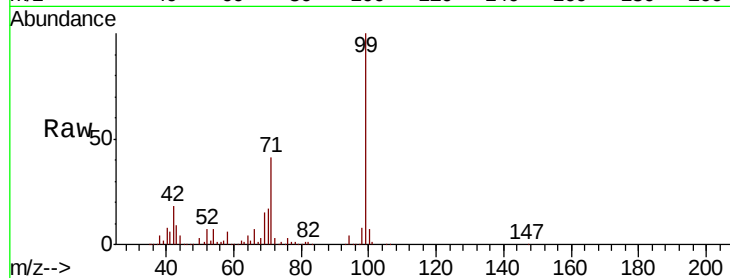
Tot Ion: 99 Resp: 303122

Ion Ratio Lower Upper

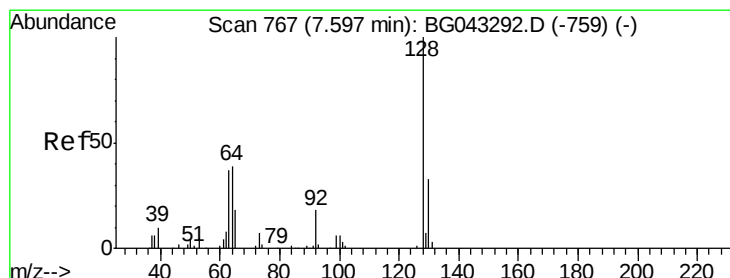
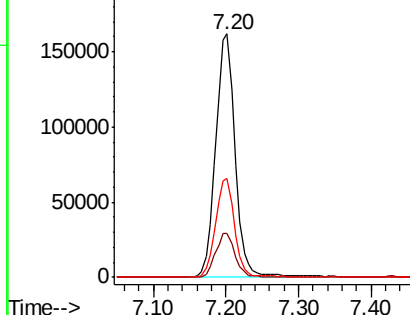
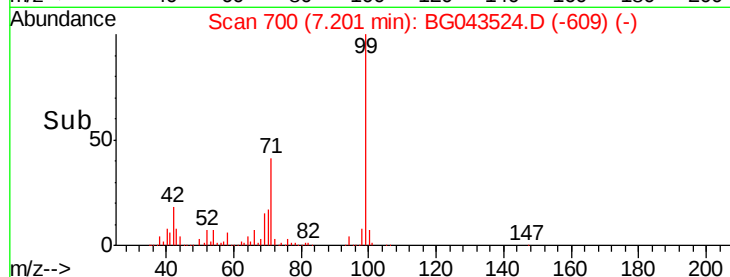
99 100

42 17.9 14.6 21.8

71 40.7 32.5 48.7



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



#8

2-Chlorophenol

Concen: 44.766 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

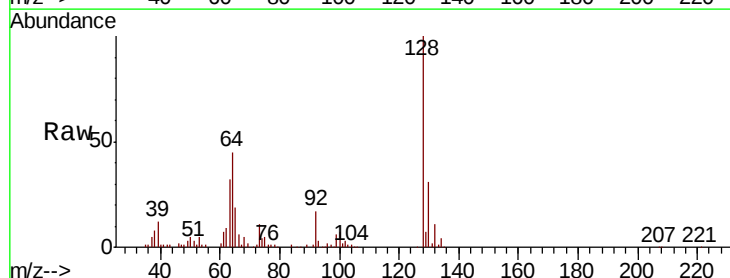
Tgt Ion:128 Resp: 89452

Ion Ratio Lower Upper

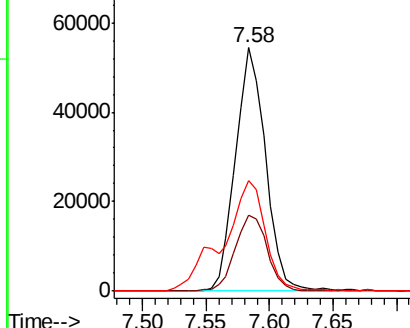
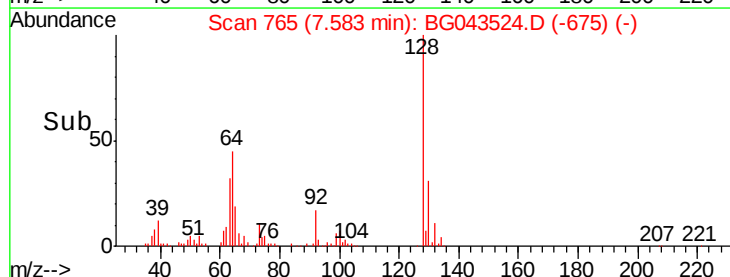
128 100

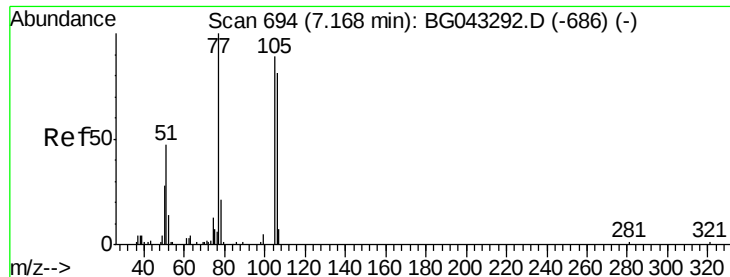
130 31.3 12.5 52.5

64 45.5 25.3 65.3



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





#9

Benzaldehyde

Concen: 21.721 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

Instrument :

BNA_G

ClientSampleId :

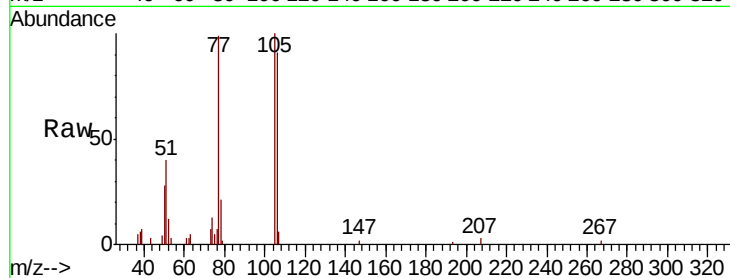
Tot Ion: 77 Resp: 27801

Ion Ratio Lower Upper

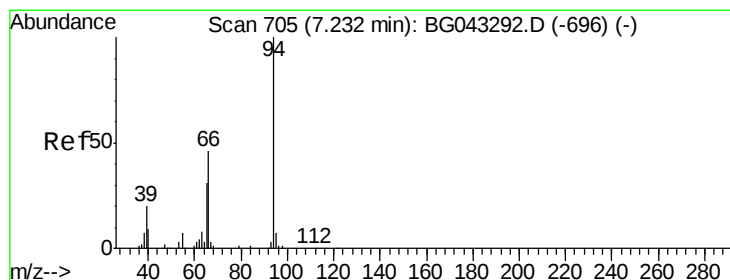
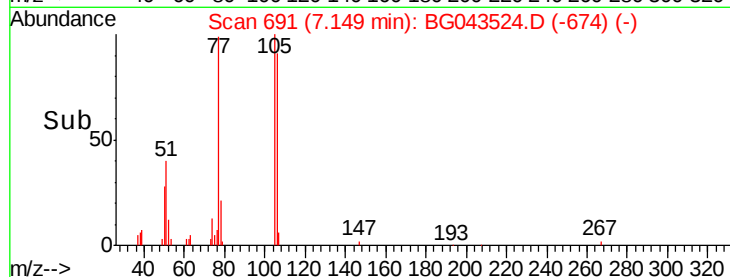
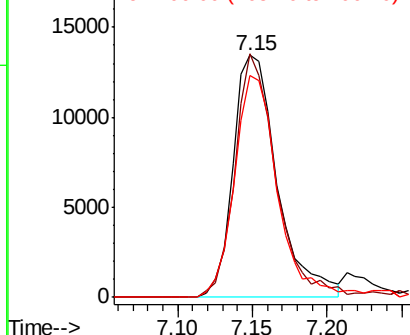
77 100

105 100.6 68.6 108.6

106 91.6 69.9 109.9



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: 44.697 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

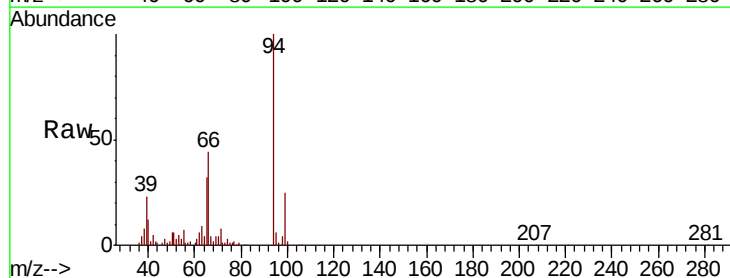
Tgt Ion: 94 Resp: 106372

Ion Ratio Lower Upper

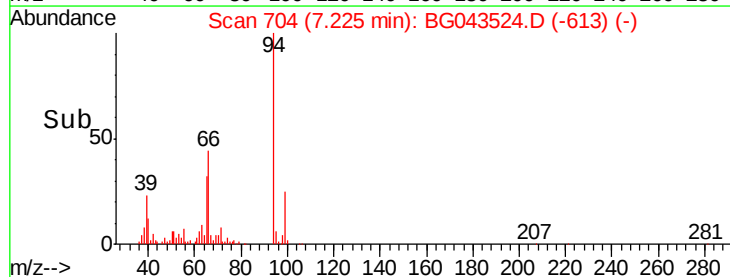
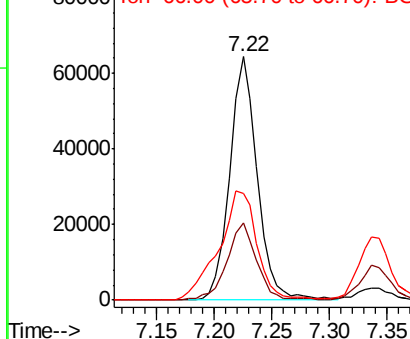
94 100

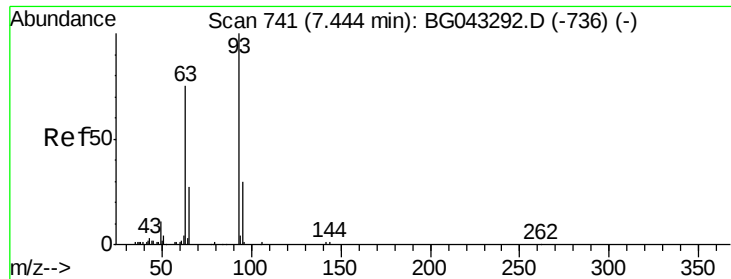
65 32.0 12.6 52.6

66 43.8 30.7 70.7



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

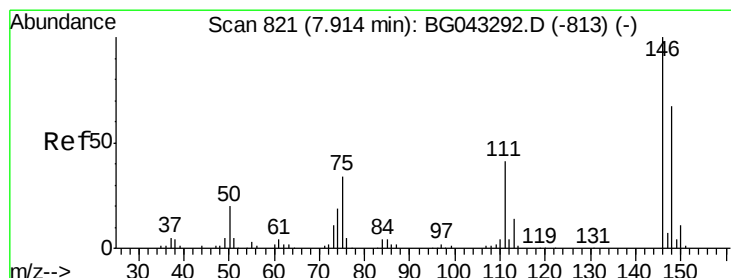
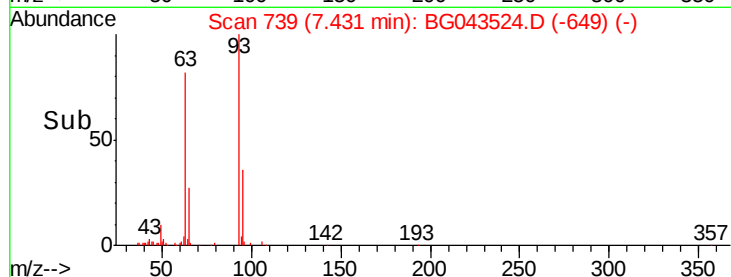
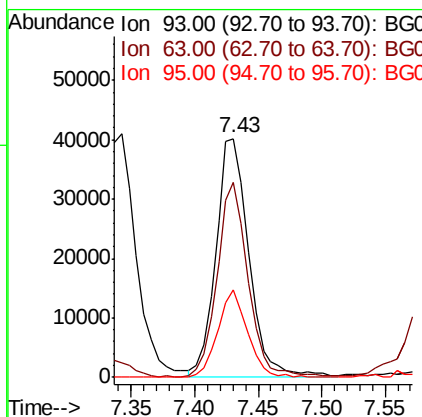
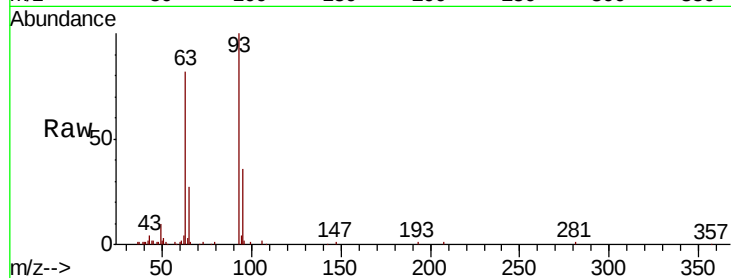




#11
bis(2-Chloroethyl)ether
Concen: 39.630 ng
RT: 7.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BG043524.D
Acq: 6 Nov 2019 17:35

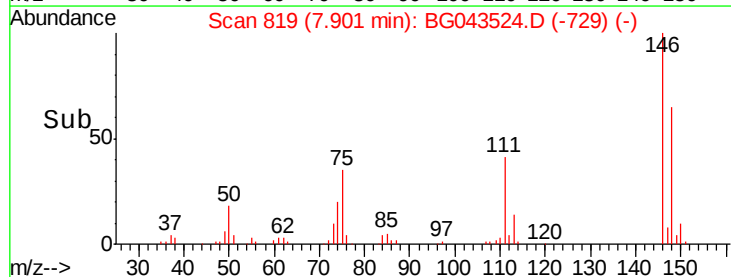
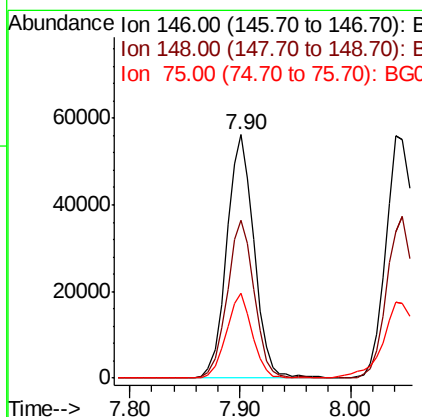
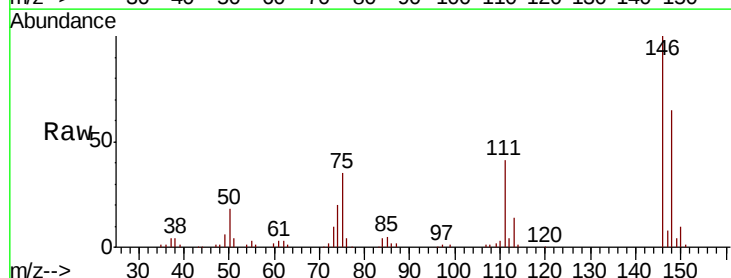
Instrument :
BNA_G
ClientSampleId :

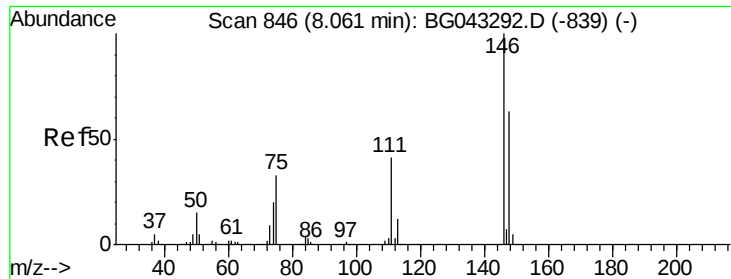
Tot Ion: 93 Resp: 72919
Ion Ratio Lower Upper
93 100
63 81.5 56.3 96.3
95 36.4 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 38.807 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG043524.D
Acq: 6 Nov 2019 17:35

Tgt Ion: 146 Resp: 97155
Ion Ratio Lower Upper
146 100
148 64.8 50.3 75.5
75 34.7 24.6 37.0





#13

1,4-Dichlorobenzene

Concen: 39.528 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

Instrument :

BNA_G

ClientSampleId :

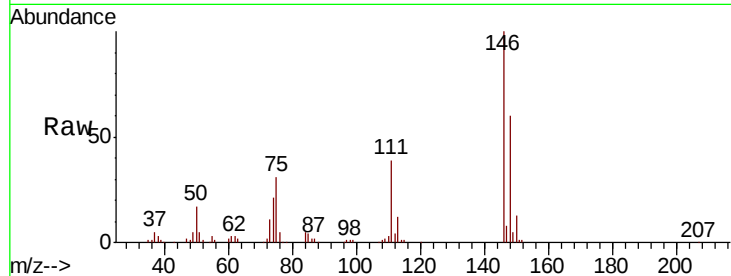
Tot Ion:146 Resp: 100125

Ion Ratio Lower Upper

146 100

148 60.4 50.7 76.1

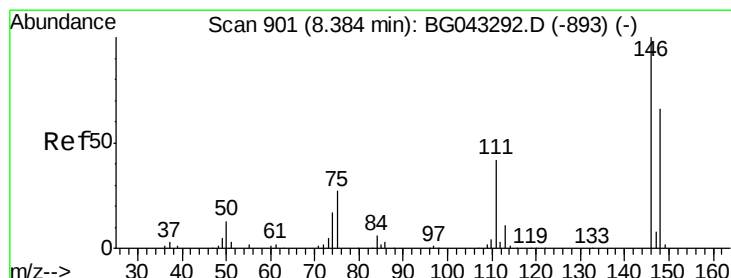
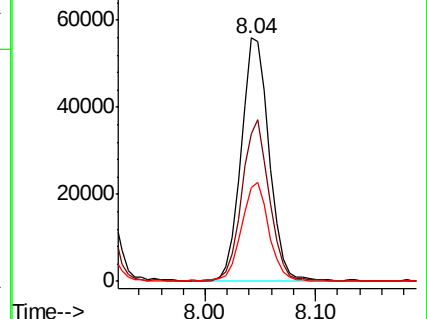
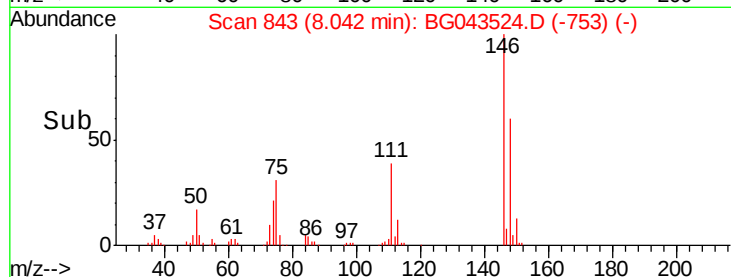
111 38.8 33.4 50.2



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: 38.710 ng

RT: 8.36 min Scan# 898

Delta R.T. -0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

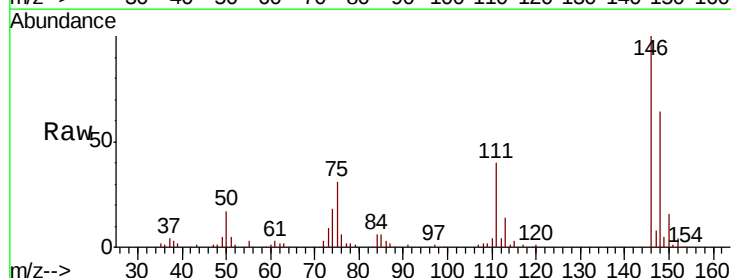
Tgt Ion:146 Resp: 95738

Ion Ratio Lower Upper

146 100

148 64.4 53.2 79.8

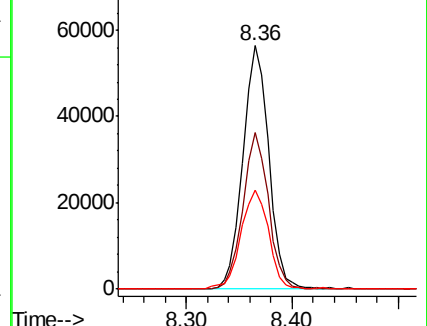
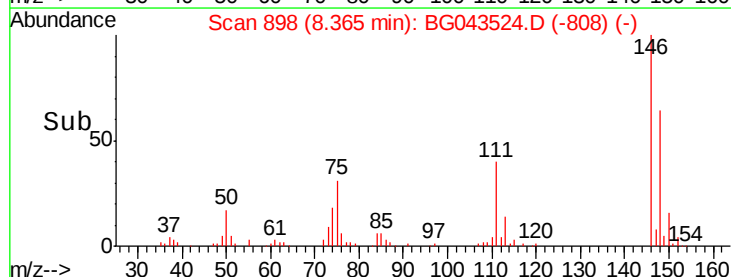
111 40.5 35.8 53.6

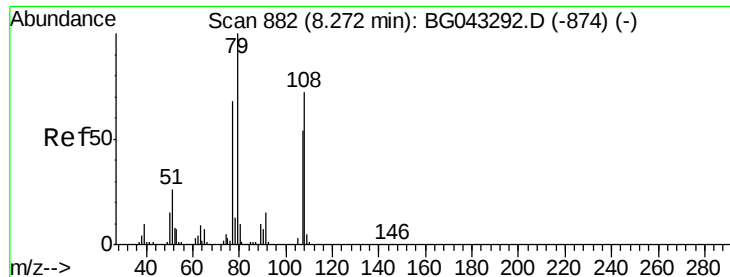


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.753 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

Instrument :

BNA_G

ClientSampleId :

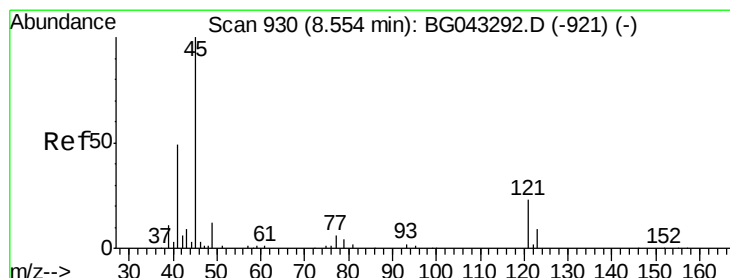
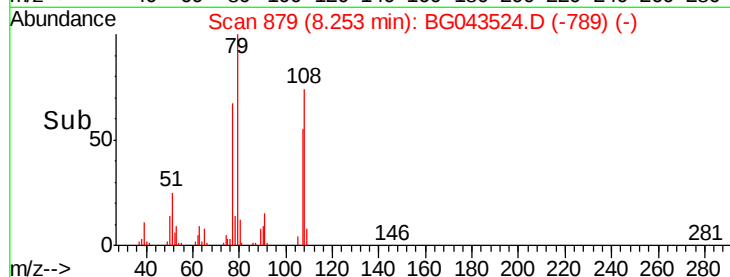
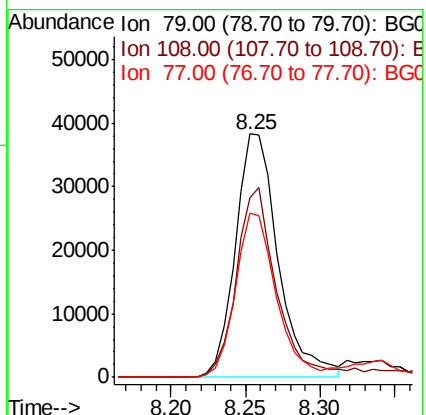
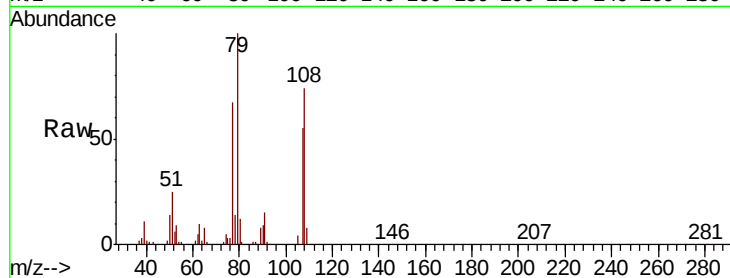
Tot Ion: 79 Resp: 76369

Ion Ratio Lower Upper

79 100

108 73.5 53.6 80.4

77 67.2 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.023 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

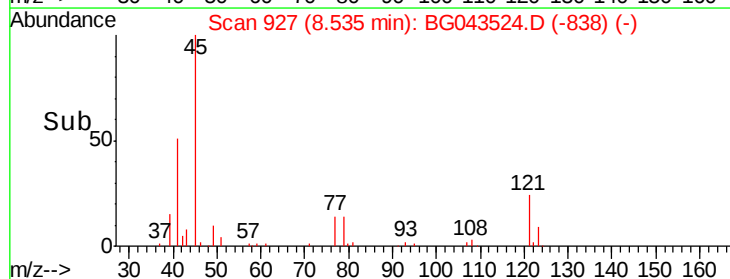
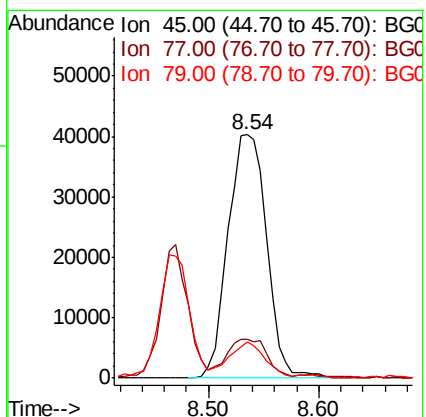
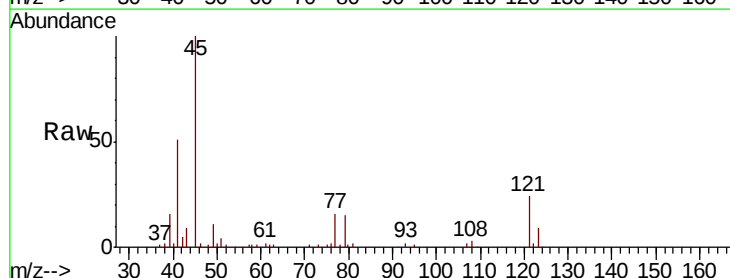
Tgt Ion: 45 Resp: 99053

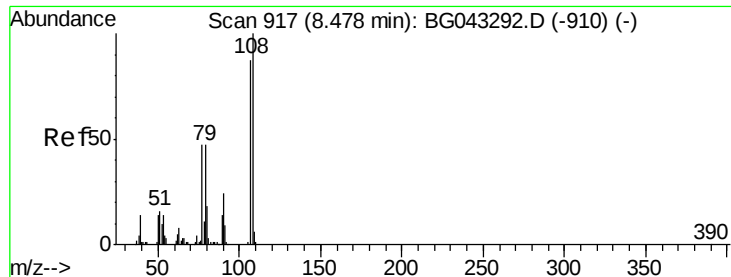
Ion Ratio Lower Upper

45 100

77 16.2 0.0 34.9

79 15.0 0.0 33.0





#17

2-Methylphenol

Concen: 44.668 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 77496

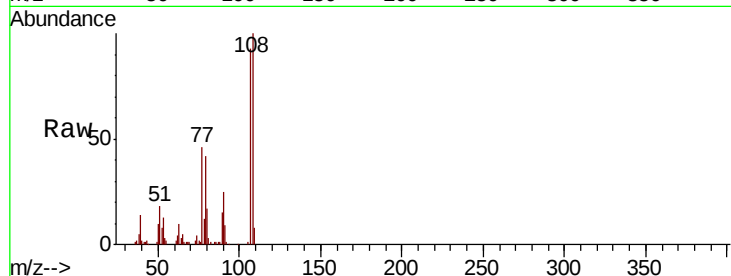
Ion Ratio Lower Upper

107 100

108 107.8 90.2 135.4

77 50.1 40.2 60.2

79 45.7 44.0 66.0

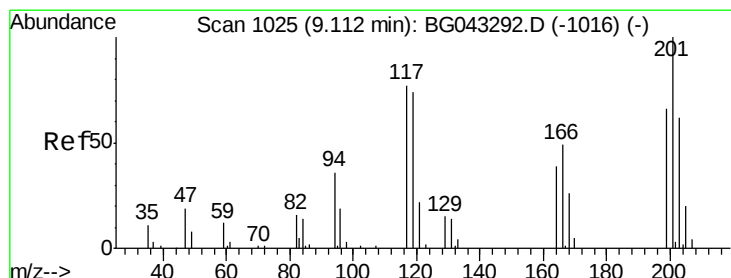
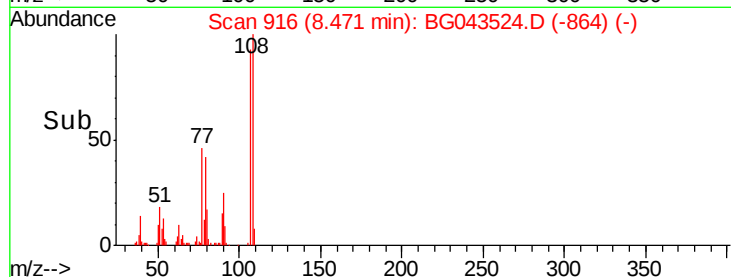
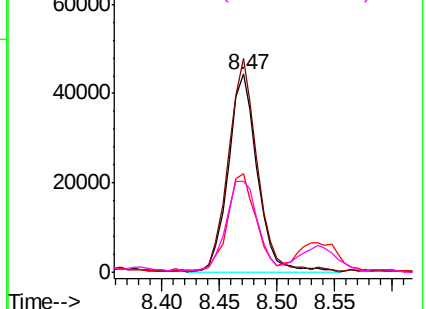


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.266 ng

RT: 9.09 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

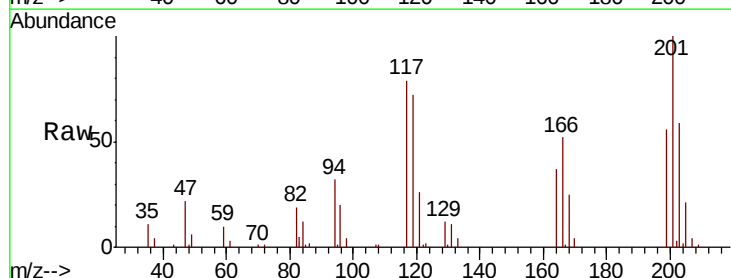
Tgt Ion:117 Resp: 34970

Ion Ratio Lower Upper

117 100

119 91.7 79.0 118.4

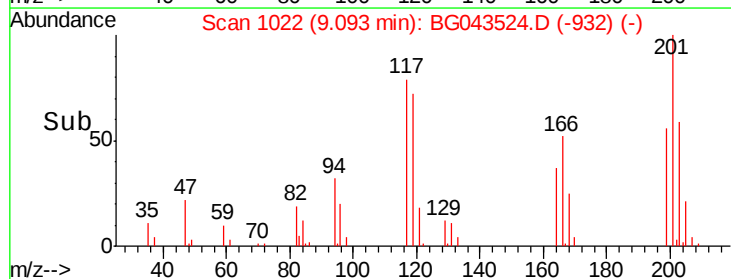
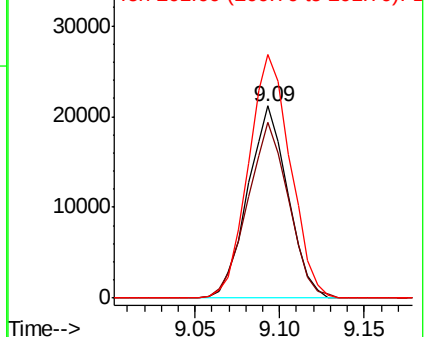
201 126.7 105.4 158.2

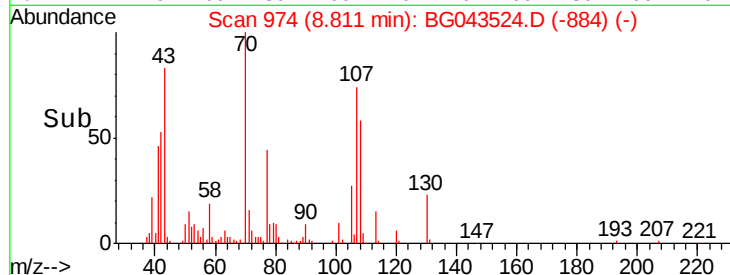
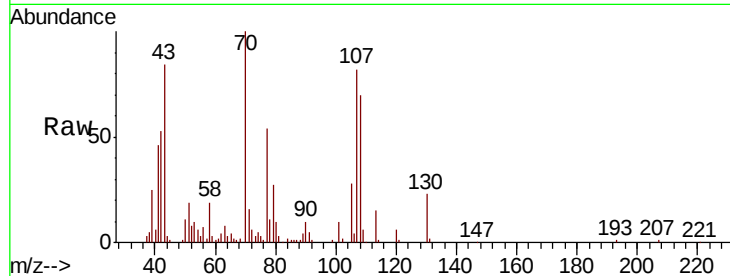
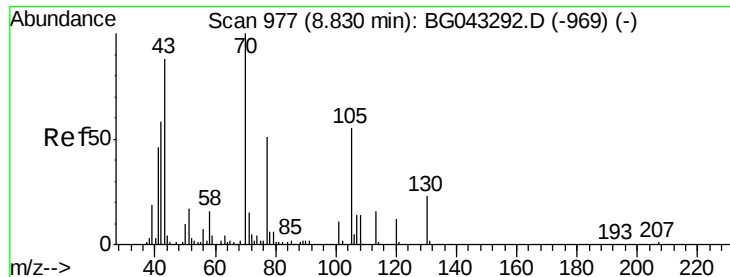


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

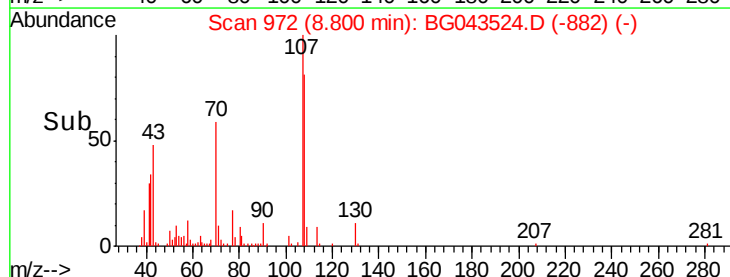
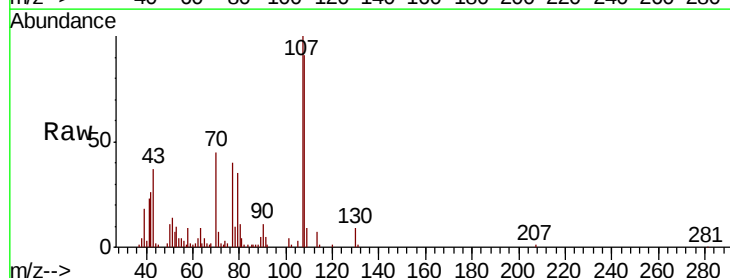
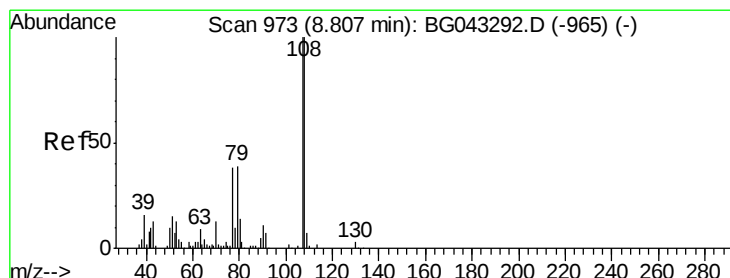
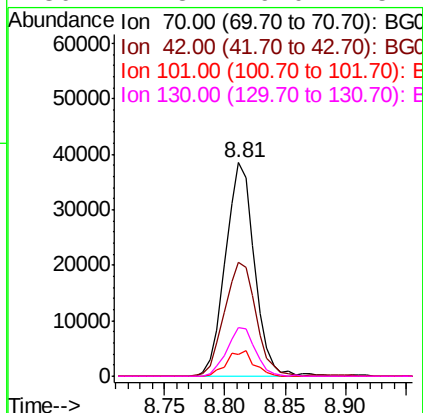




#19
n-Nitroso-di-n-propylamine
Concen: 38.144 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG043524.D
Acq: 6 Nov 2019 17:35

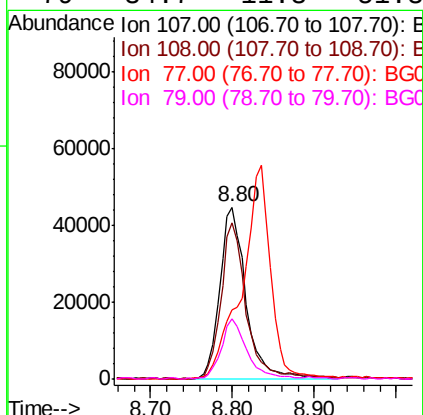
Instrument :
BNA_G
ClientSampleId :

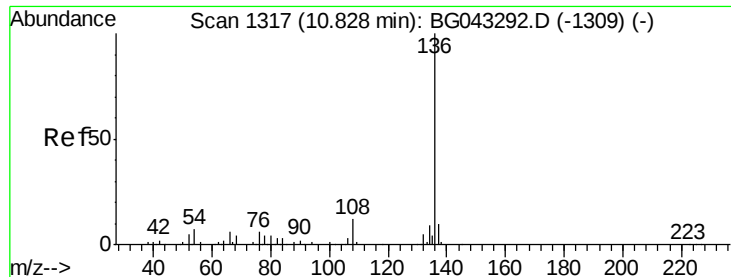
Tot Ion:	70	Resp:	64192
Ion	Ratio	Lower	Upper
70	100		
42	53.5	41.4	62.2
101	10.2	7.9	11.9
130	22.8	19.0	28.4



#20
3+4-Methylphenols
Concen: 42.134 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG043524.D
Acq: 6 Nov 2019 17:35

Tgt Ion:	107	Resp:	100237
Ion	Ratio	Lower	Upper
107	100		
108	90.9	66.6	106.6
77	40.3	20.9	60.9
79	34.7	11.3	51.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 133057

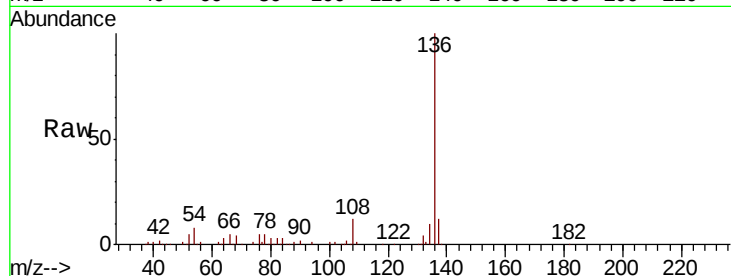
Ion Ratio Lower Upper

136 100

137 12.3 8.7 13.1

54 7.7 5.4 8.2

68 4.0 3.0 4.4

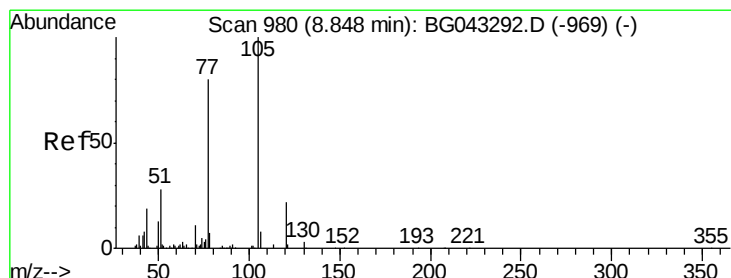
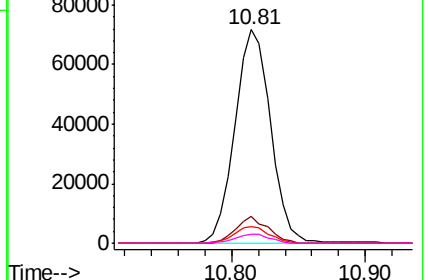
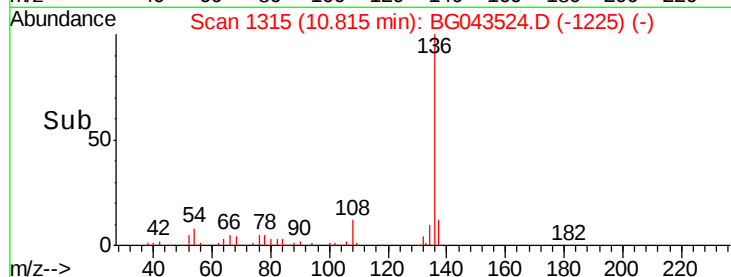


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 37.095 ng

RT: 8.83 min Scan# 978

Delta R.T. -0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

Tgt Ion:105 Resp: 126399

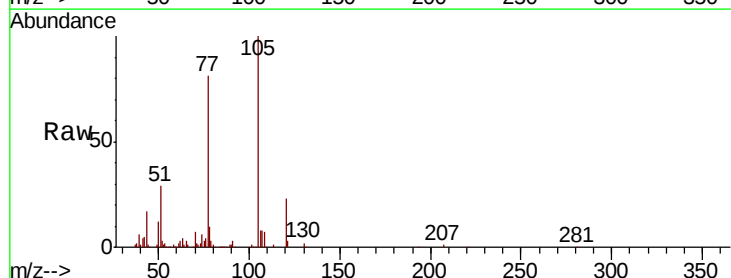
Ion Ratio Lower Upper

105 100

71 1.5 0.8 1.2#

51 28.6 21.0 31.4

120 23.1 18.0 27.0

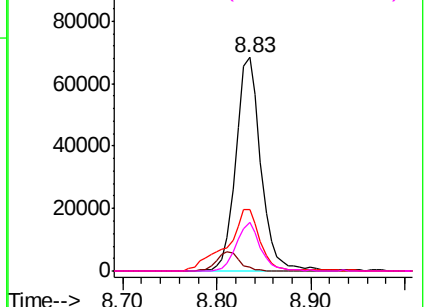
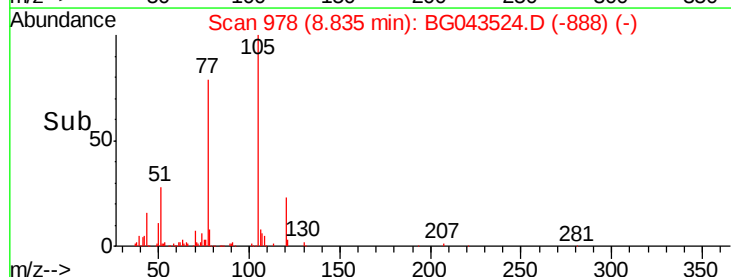


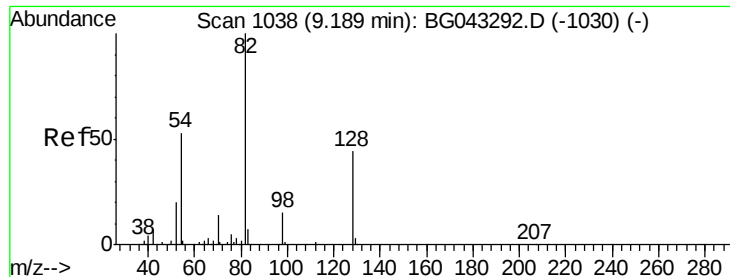
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

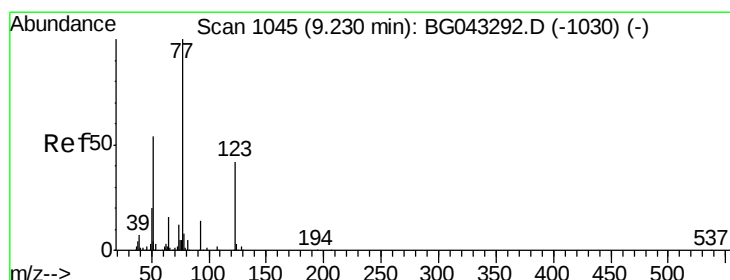
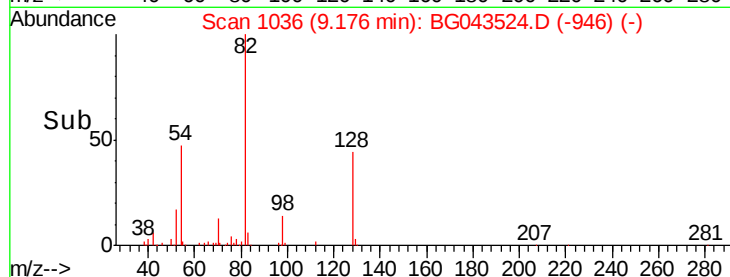
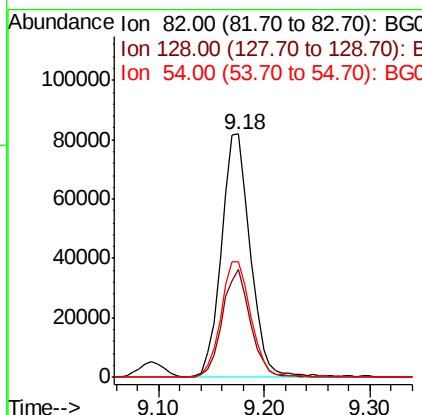
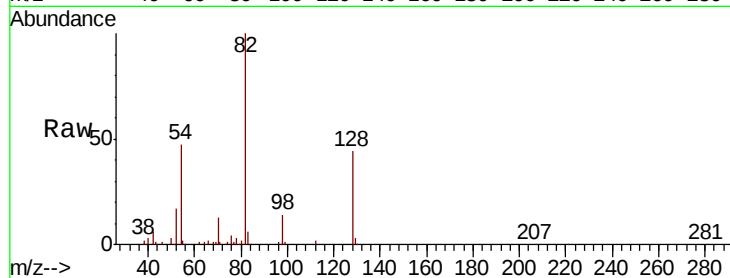




#23
 Nitrobenzene-d5
 Concen: 60.123 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG043524.D
 Acq: 6 Nov 2019 17:35

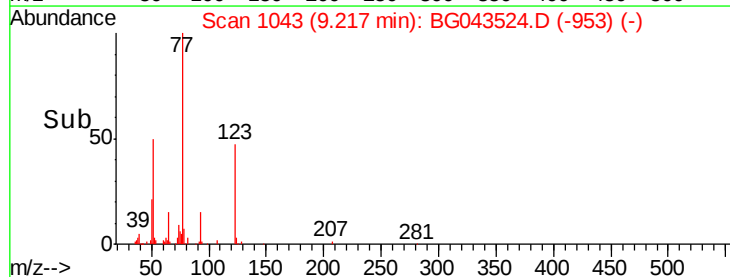
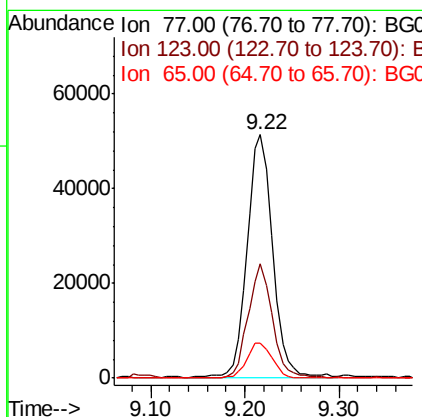
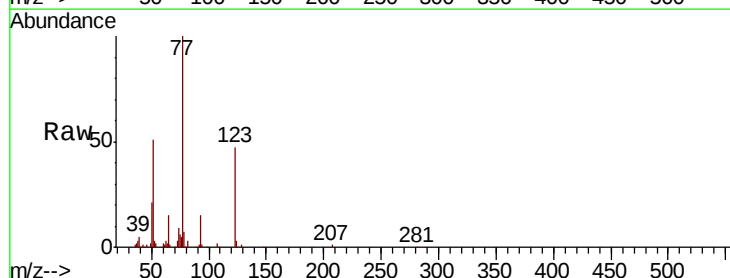
Instrument :
 BNA_G
 ClientSampleId :

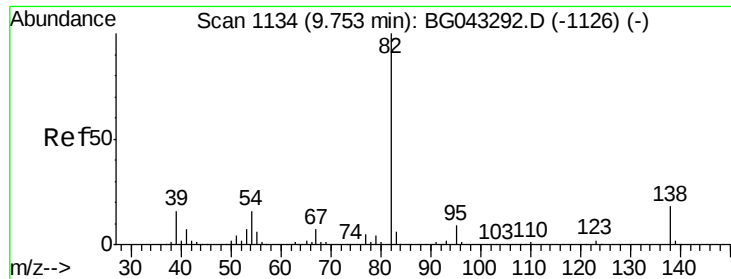
Tot Ion: 82 Resp: 155171
 Ion Ratio Lower Upper
 82 100
 128 44.5 35.0 52.6
 54 47.3 40.2 60.2



#24
 Nitrobenzene
 Concen: 39.719 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG043524.D
 Acq: 6 Nov 2019 17:35

Tgt Ion: 77 Resp: 97654
 Ion Ratio Lower Upper
 77 100
 123 46.8 35.0 52.6
 65 14.6 9.5 14.3#





#25

Isophorone

Concen: 38.133 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

Instrument :

BNA_G

ClientSampleId :

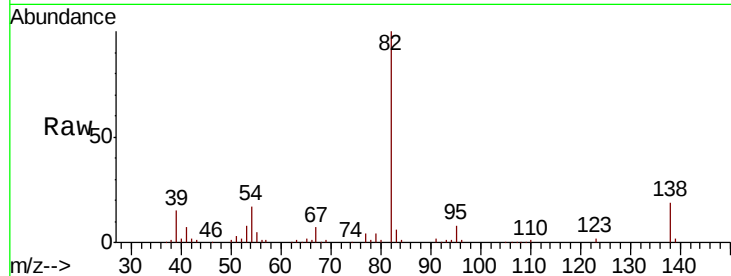
Tot Ion: 82 Resp: 179936

Ion Ratio Lower Upper

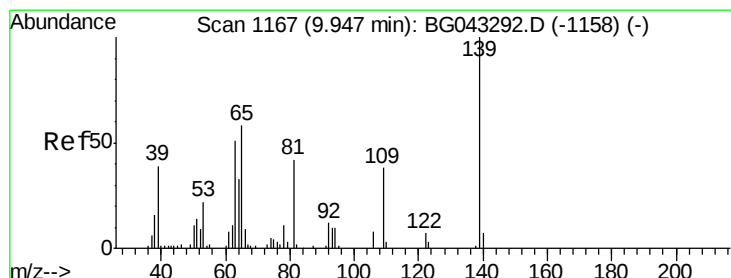
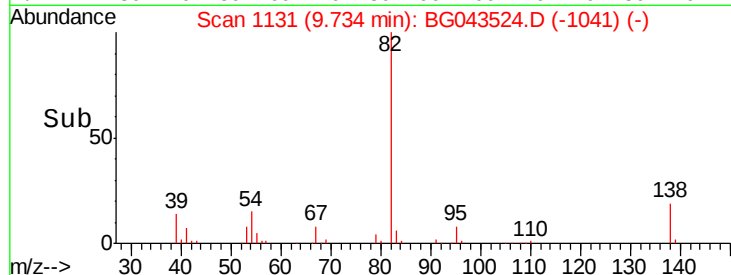
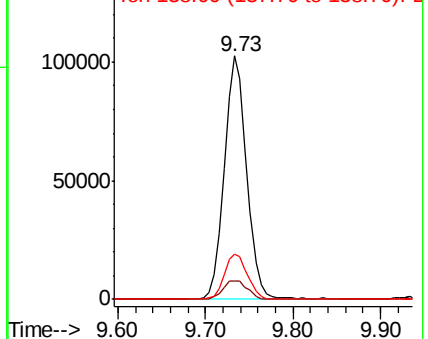
82 100

95 7.7 6.6 9.8

138 18.5 15.2 22.8



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: 42.065 ng

RT: 9.93 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

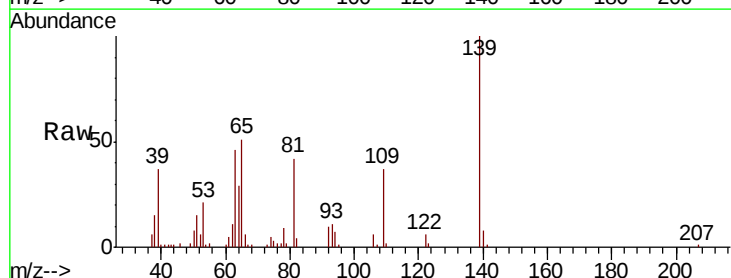
Tgt Ion: 139 Resp: 49930

Ion Ratio Lower Upper

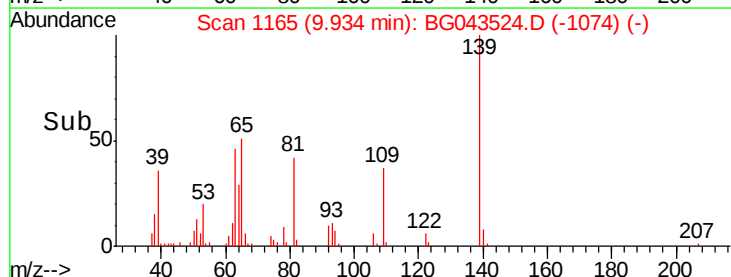
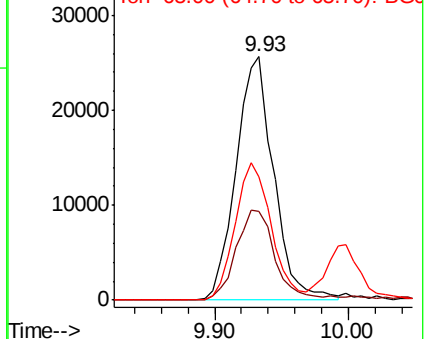
139 100

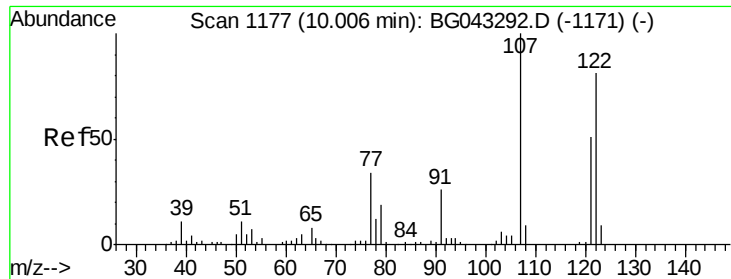
109 36.7 26.5 39.7

65 50.5 43.8 65.8



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

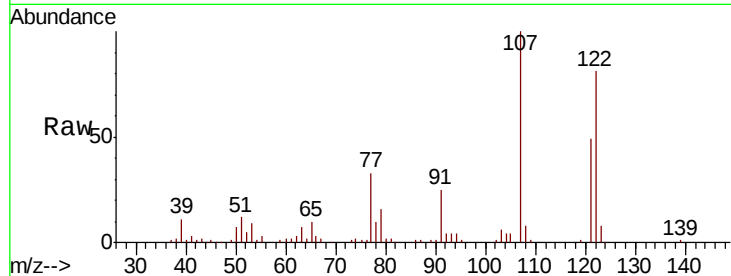




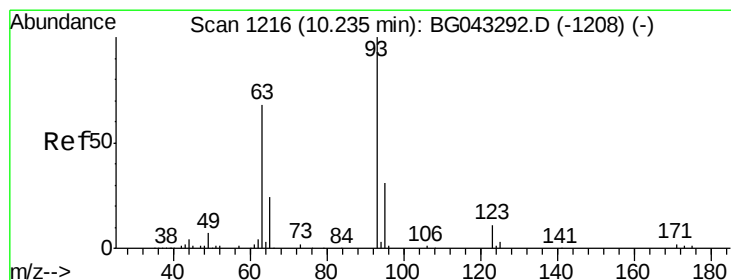
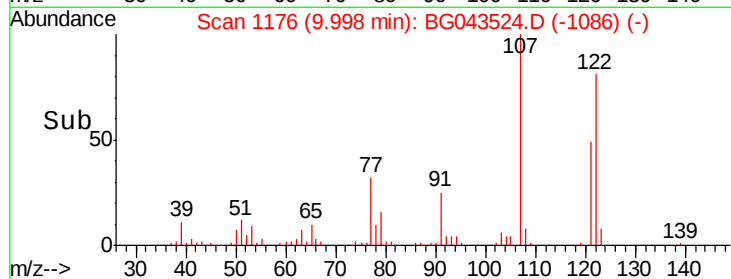
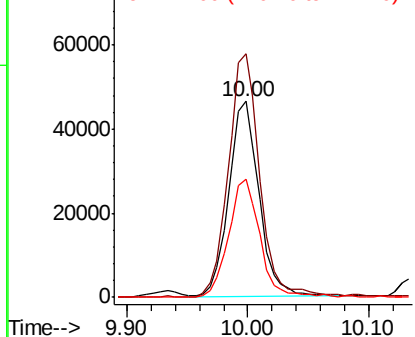
#27
 2,4-Dimethylphenol
 Concen: 47.258 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BG043524.D
 Acq: 6 Nov 2019 17:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 80397
 Ion Ratio Lower Upper
 122 100
 107 124.2 104.4 156.6
 121 60.6 47.2 70.8

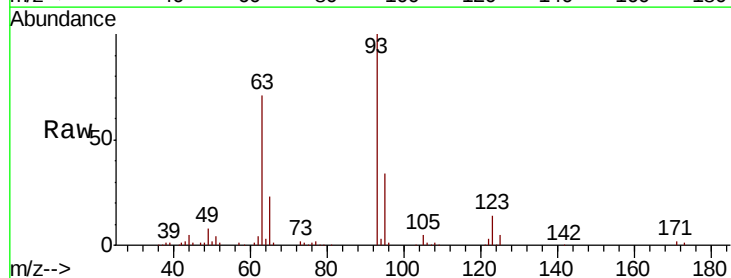


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

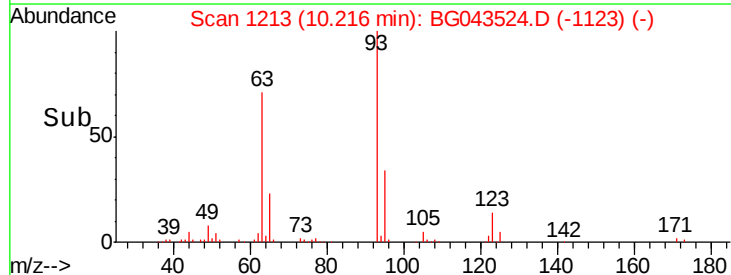
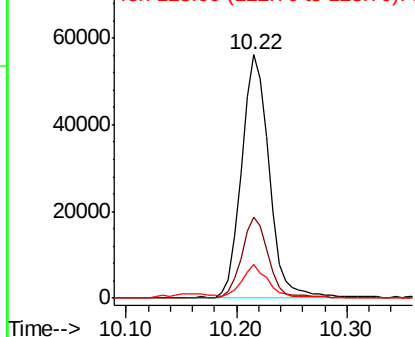


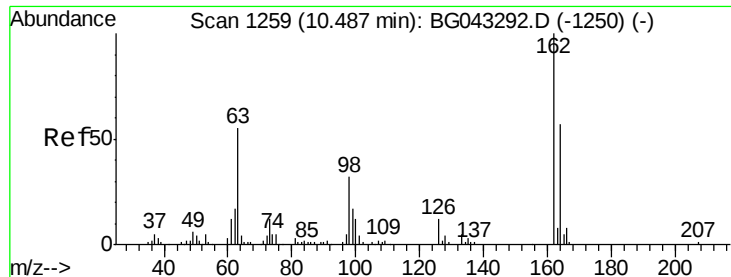
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.940 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BG043524.D
 Acq: 6 Nov 2019 17:35

Tgt Ion: 93 Resp: 98806
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.0 39.0
 123 13.8 10.6 15.8



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

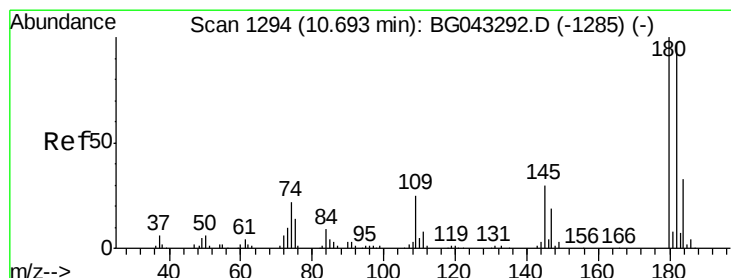
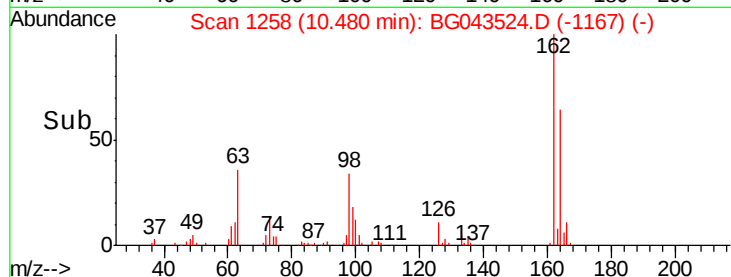
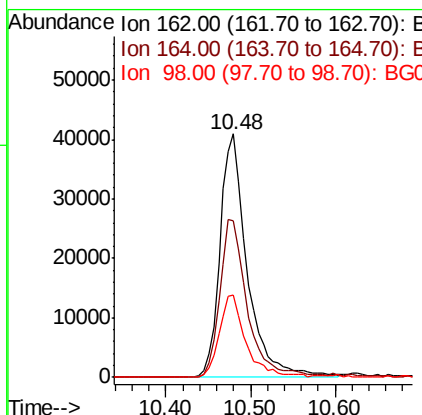
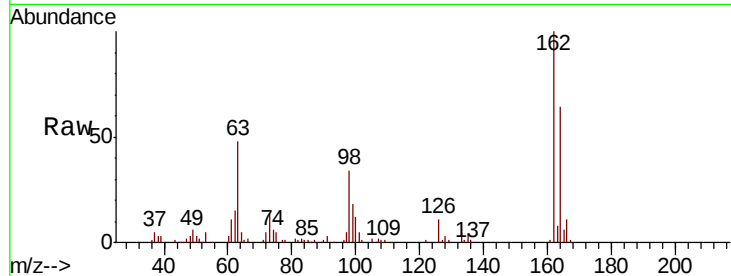




#29
 2,4-Dichlorophenol
 Concen: 42.029 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: BG043524.D
 Acq: 6 Nov 2019 17:35

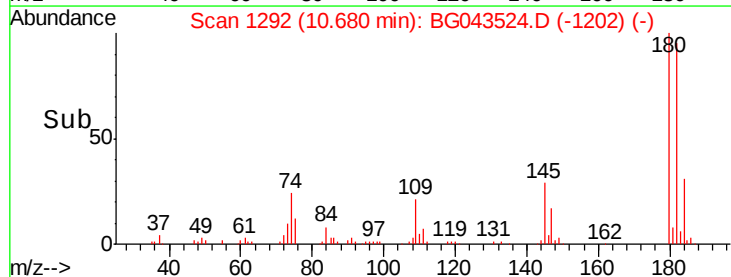
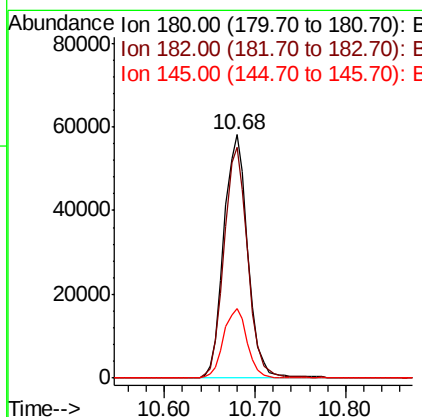
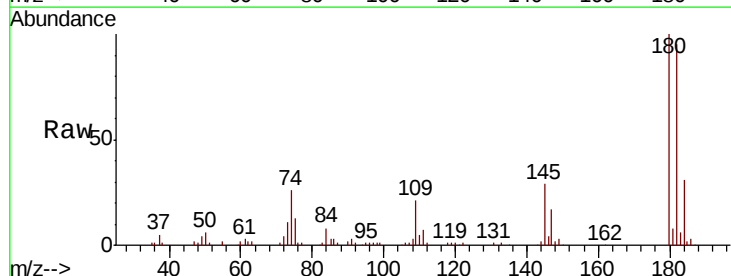
Instrument :
 BNA_G
 ClientSampled :

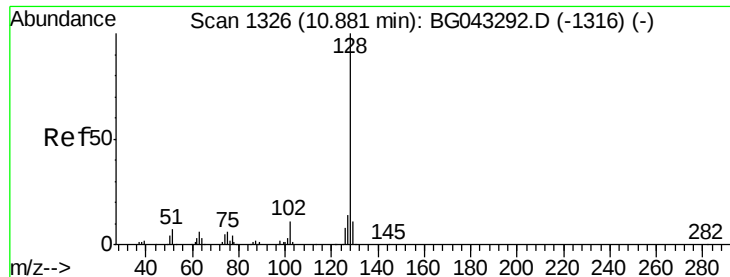
Tot Ion	162	Resp	91613
Ion Ratio	Lower	Upper	
162	100		
164	64.1	48.9	88.9
98	33.6	15.1	55.1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.944 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: BG043524.D
 Acq: 6 Nov 2019 17:35

Tgt Ion	180	Resp	106990
Ion Ratio	Lower	Upper	
180	100		
182	95.0	75.1	112.7
145	28.7	23.9	35.9

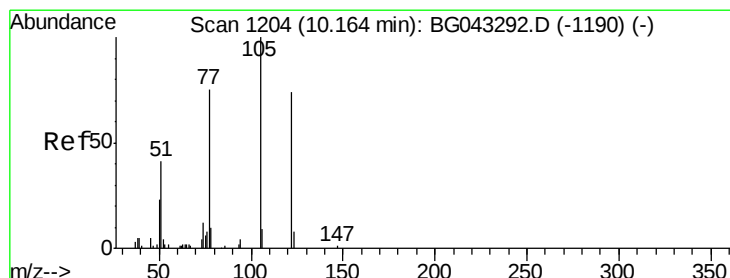
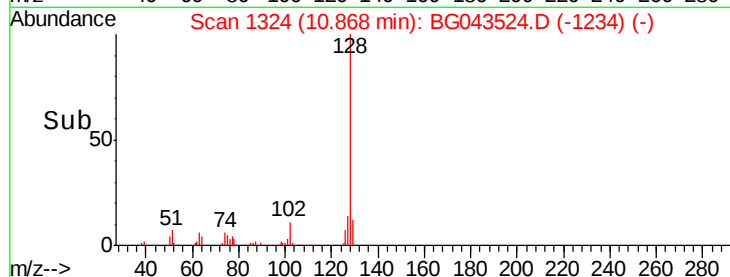
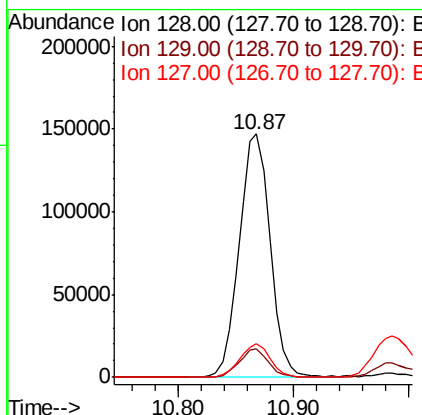
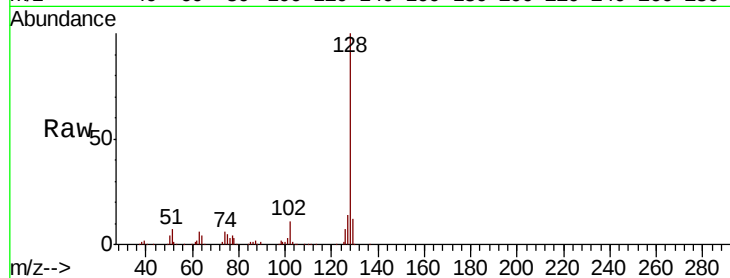




#31
Naphthalene
Concen: 40.483 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG043524.D
Acq: 6 Nov 2019 17:35

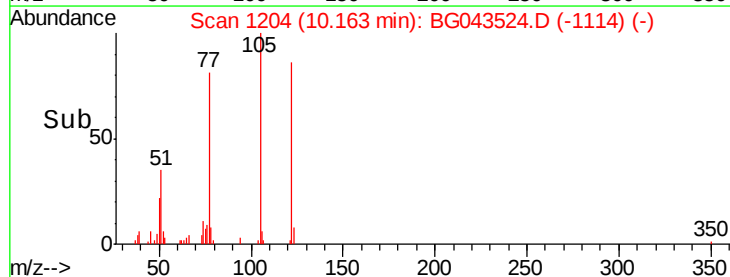
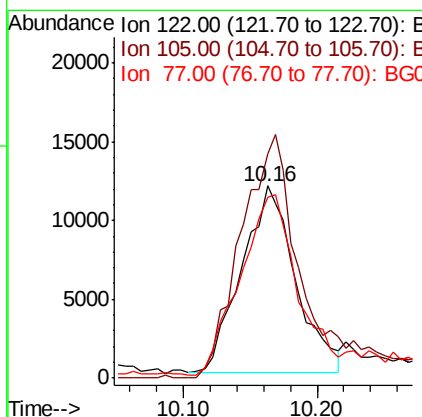
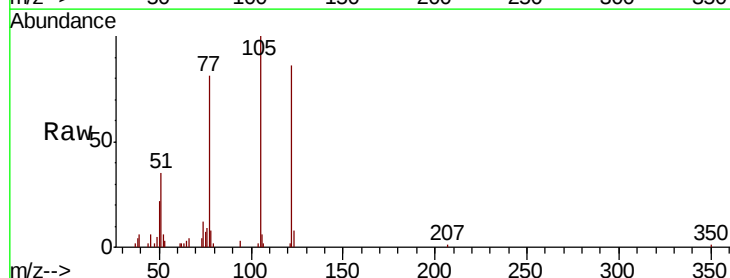
Instrument :
BNA_G
ClientSampleId :

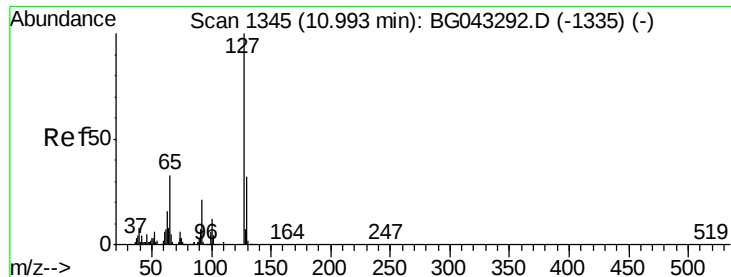
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.0
127	14.1	11.1	16.7



#32
Benzoic acid
Concen: 29.737 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BG043524.D
Acq: 6 Nov 2019 17:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.6	103.3	143.3
77	93.9	84.9	124.9

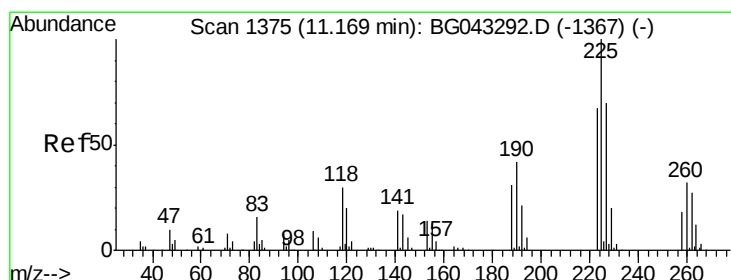
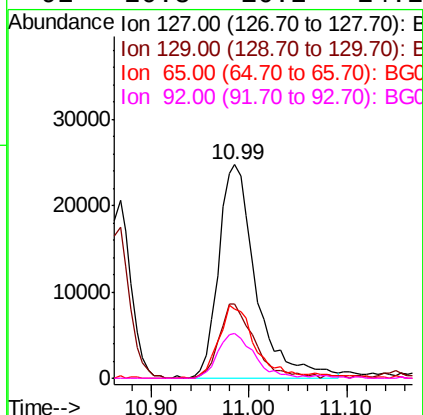
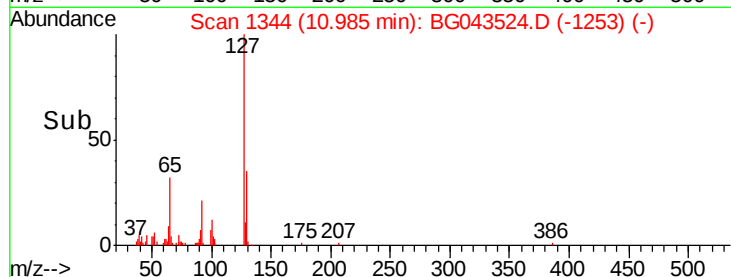
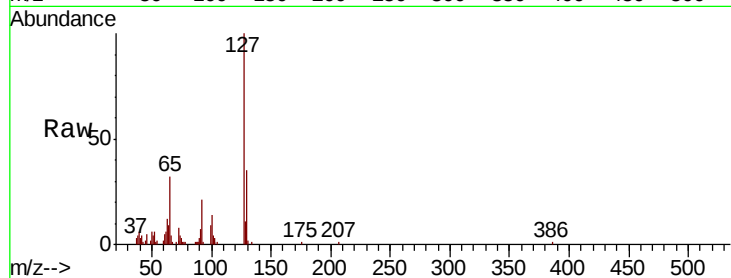




#33
4-Chloroaniline
Concen: 23.627 ng
RT: 10.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG043524.D
Acq: 6 Nov 2019 17:35

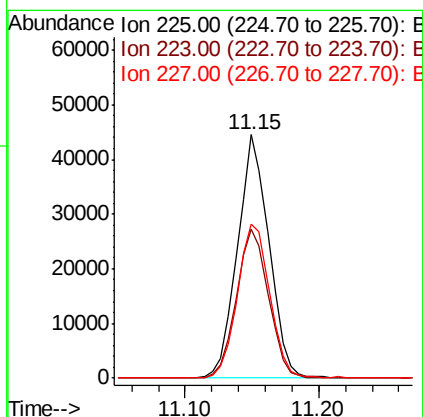
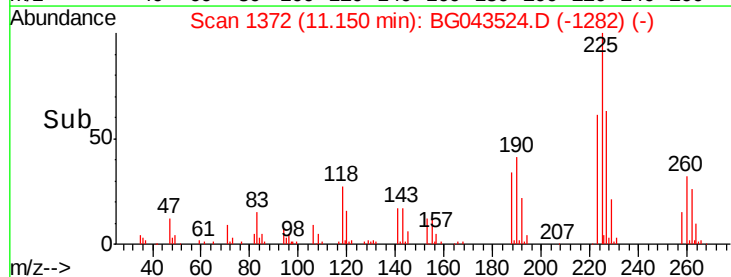
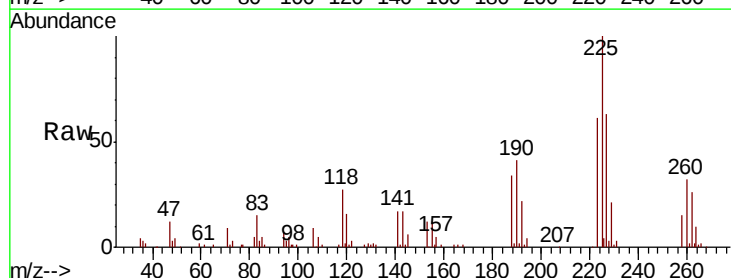
Instrument :
BNA_G
ClientSampleId :

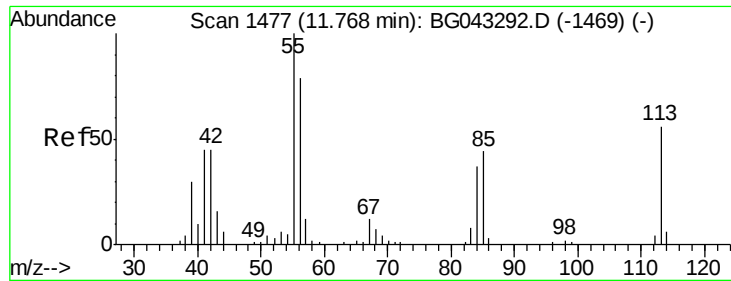
Tot Ion:127	Resp:	65411
Ion Ratio	Lower	Upper
127	100	
129	34.9	26.5 39.7
65	32.4	26.4 39.6
92	20.8	16.2 24.2



#34
Hexachlorobutadiene
Concen: 35.793 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG043524.D
Acq: 6 Nov 2019 17:35

Tgt Ion:225	Resp:	72690
Ion Ratio	Lower	Upper
225	100	
223	61.0	52.7 79.1
227	63.1	54.8 82.2

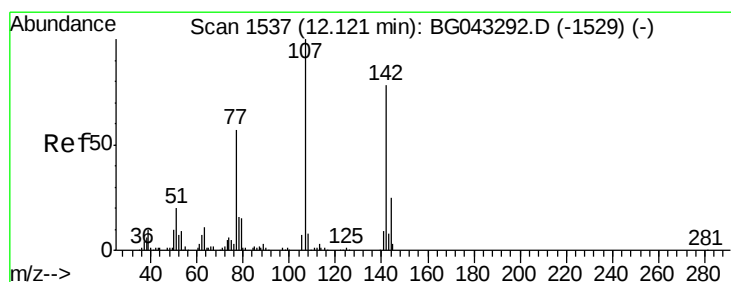
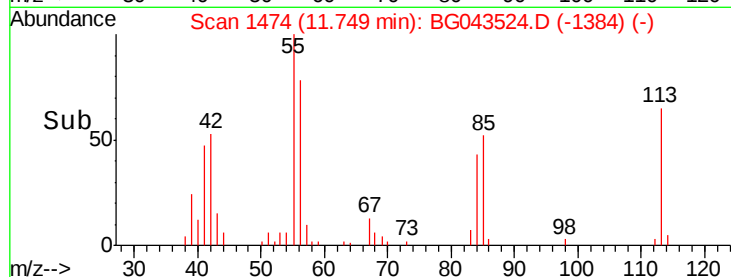
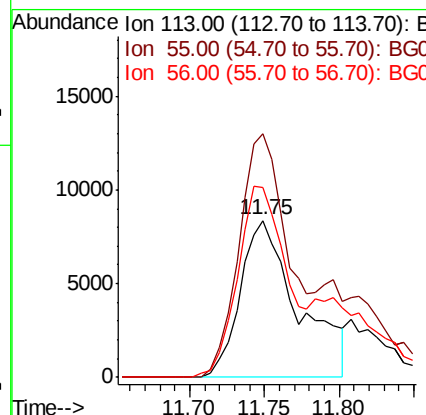
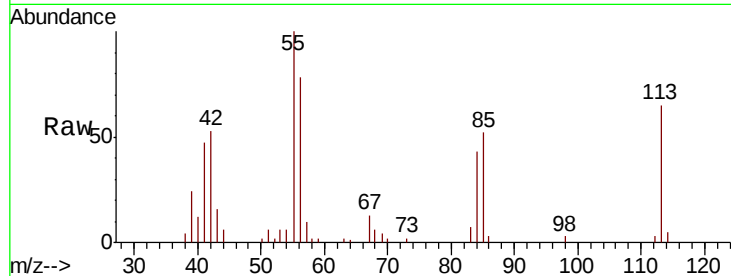




#35
 Caprolactam
 Concen: 30.035 ng
 RT: 11.75 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: BG043524.D
 Acq: 6 Nov 2019 17:35

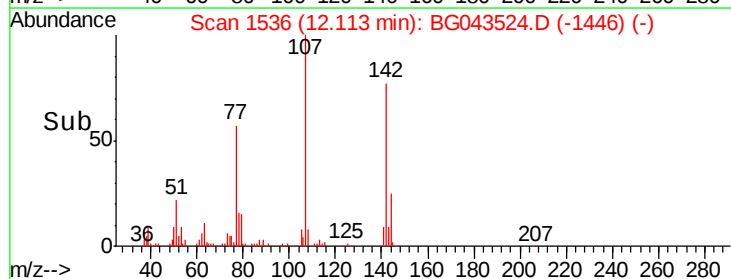
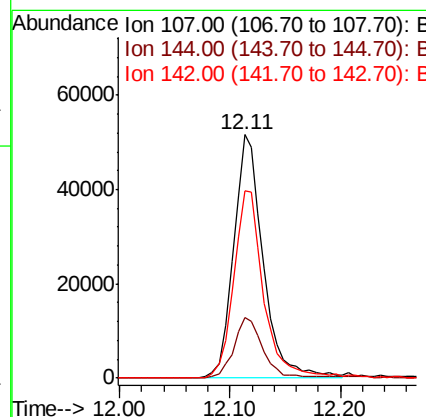
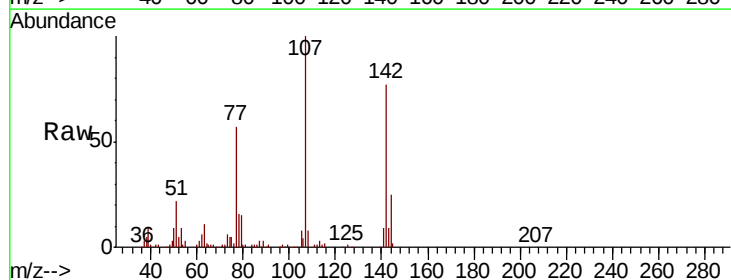
Instrument :
 BNA_G
 ClientSampleId :

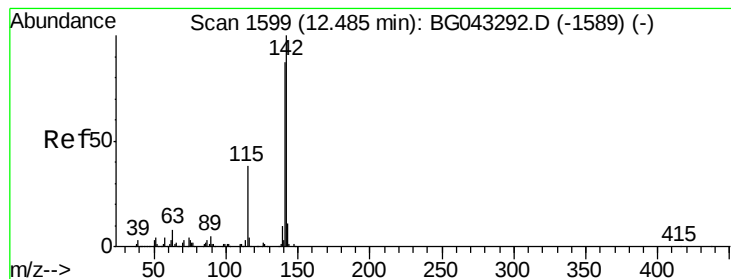
Tot Ion:113 Resp: 22548
 Ion Ratio Lower Upper
 113 100
 55 155.0 134.1 174.1
 56 121.0 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 40.696 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BG043524.D
 Acq: 6 Nov 2019 17:35

Tgt Ion:107 Resp: 96762
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.9 31.3
 142 77.0 59.6 89.4





#37

2-Methylnaphthalene

Concen: 40.247 ng

RT: 12.47 min Scan# 1597

Delta R.T. 0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

Instrument :

BNA_G

ClientSampleId :

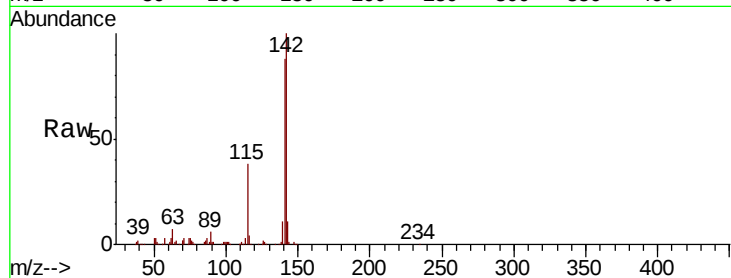
Tot Ion:142 Resp: 208568

Ion Ratio Lower Upper

142 100

141 88.0 72.2 108.2

115 38.4 33.2 49.8

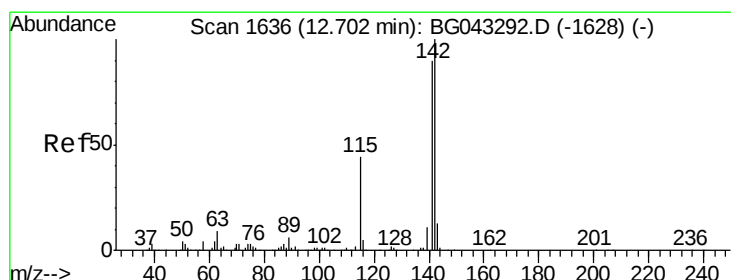
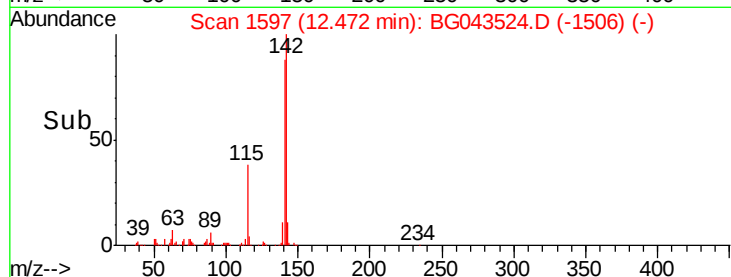
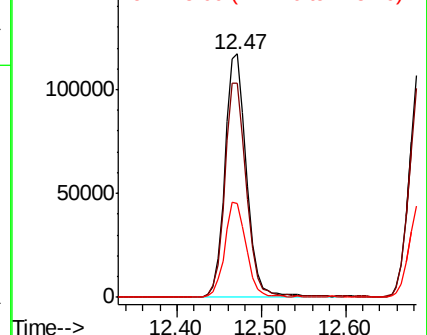


Abundance

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: 39.124 ng

RT: 12.69 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

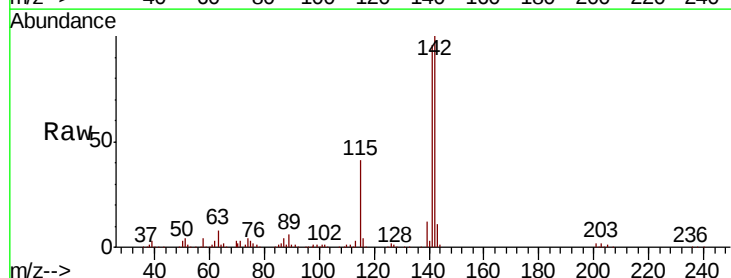
Tgt Ion:142 Resp: 192908

Ion Ratio Lower Upper

142 100

141 96.4 73.2 109.8

116 4.0 3.6 5.4

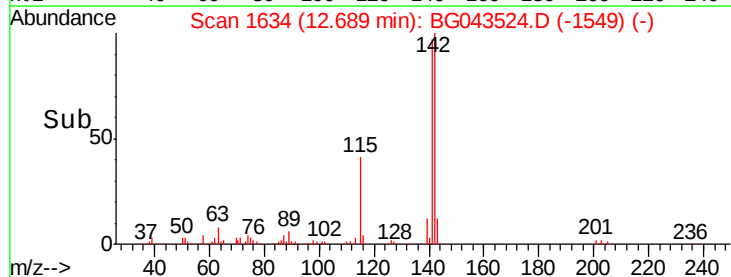
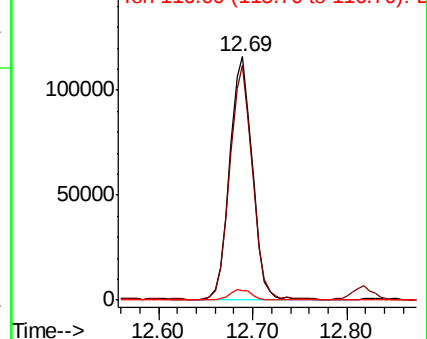


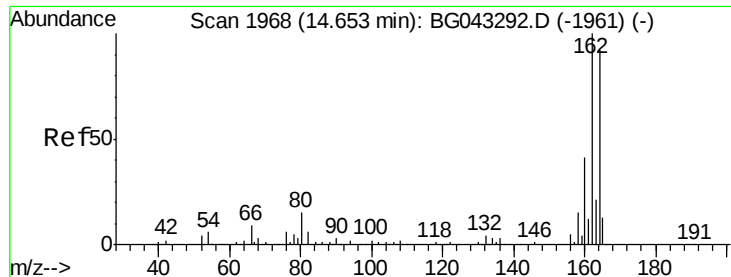
Abundance

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: 14.64 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

Instrument :

BNA_G

ClientSampleId :

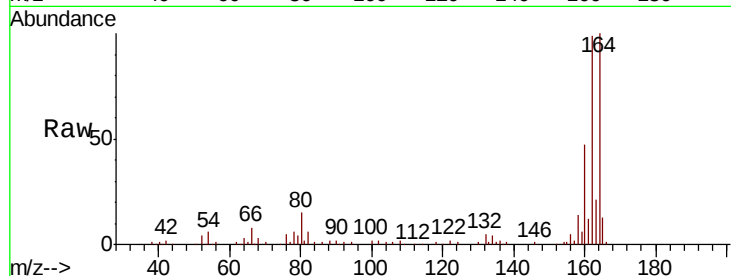
Tot Ion:164 Resp: 96913

Ion Ratio Lower Upper

164 100

162 99.4 83.5 125.3

160 47.0 36.5 54.7

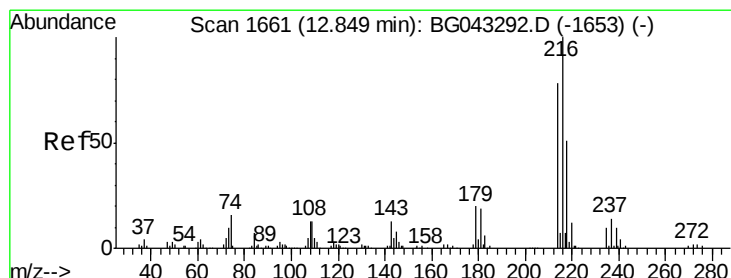
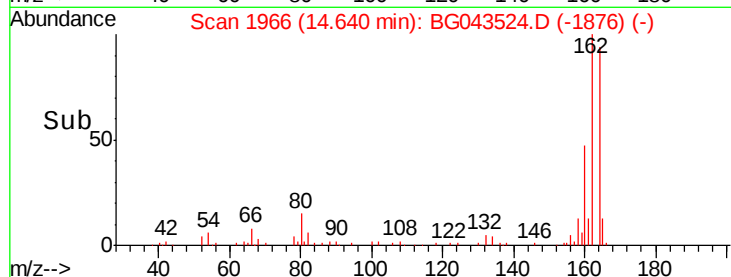
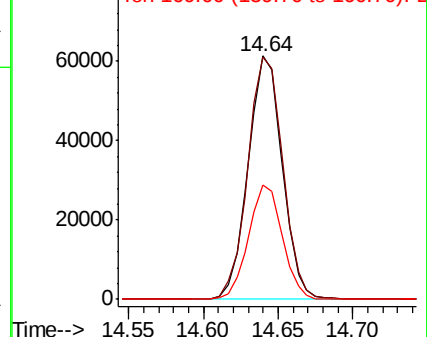


Abundance

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: 37.198 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

Tgt Ion:216 Resp: 133416

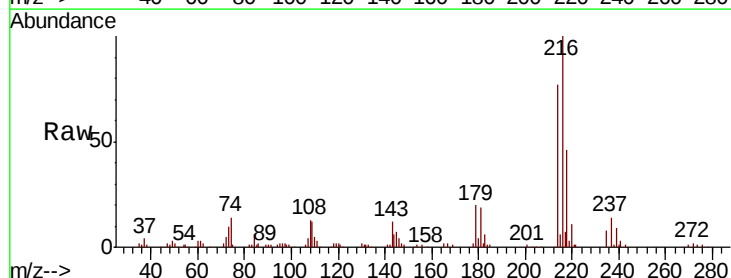
Ion Ratio Lower Upper

216 100

214 78.4 61.7 92.5

179 19.7 15.8 23.8

108 14.7 11.5 17.3



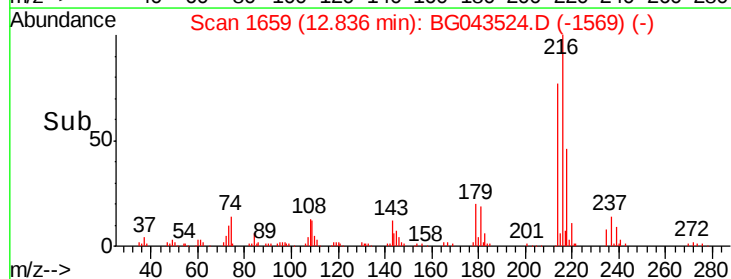
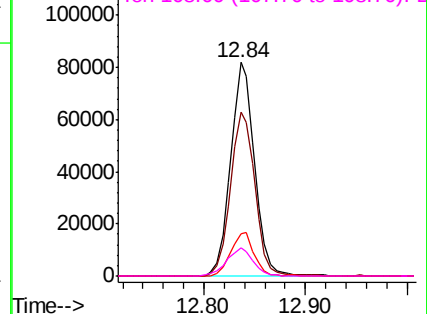
Abundance

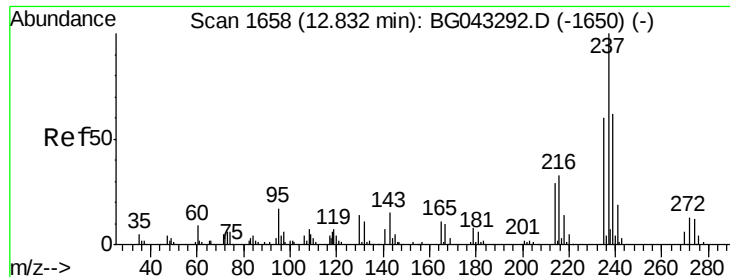
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 52.364 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

Instrument :

BNA_G

ClientSampleId :

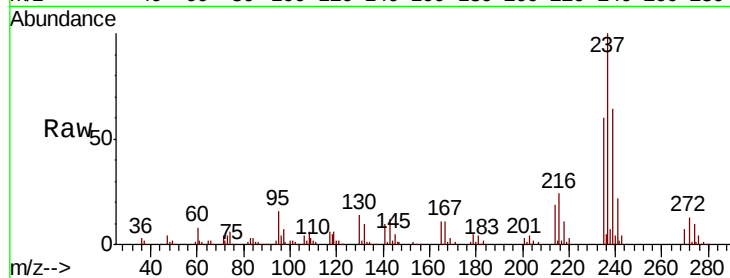
Tot Ion:237 Resp: 98657

Ion Ratio Lower Upper

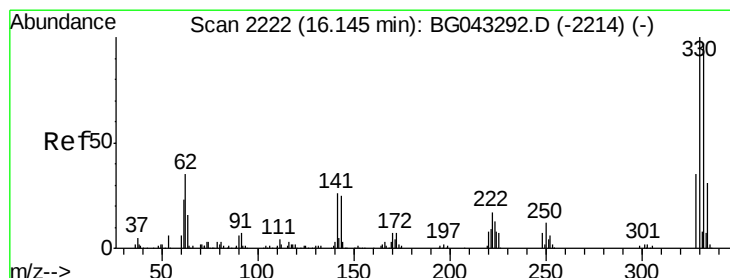
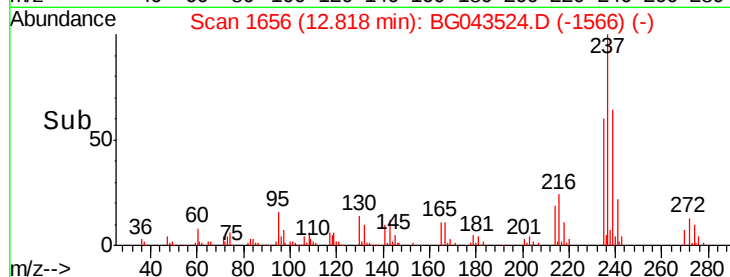
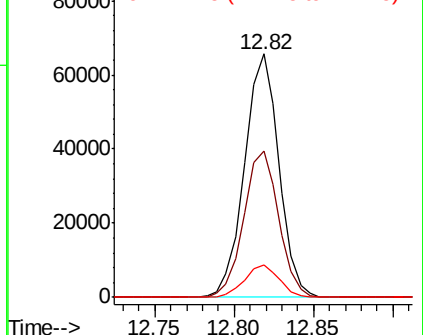
237 100

235 60.1 41.6 81.6

272 13.5 0.0 32.5



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: 96.685 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

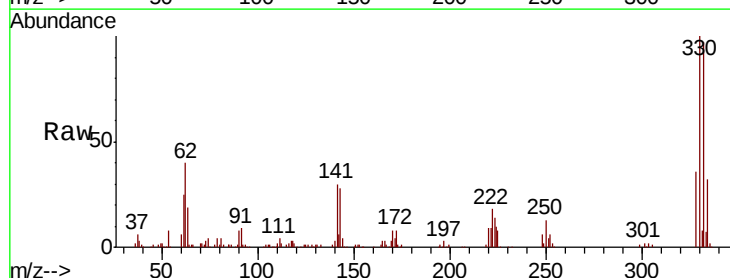
Tgt Ion:330 Resp: 178312

Ion Ratio Lower Upper

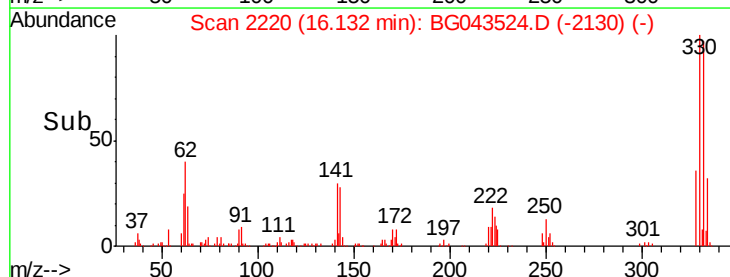
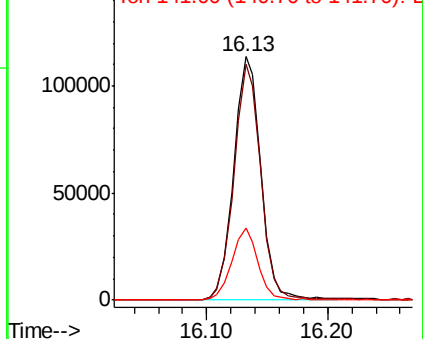
330 100

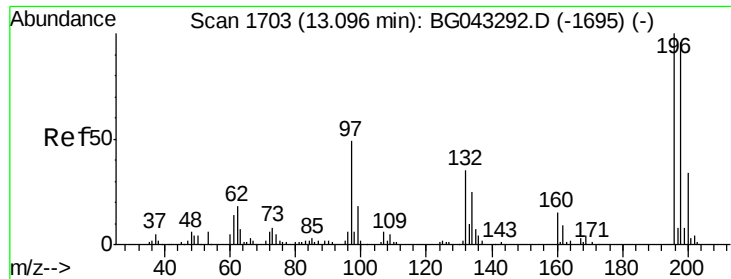
332 96.0 77.4 116.0

141 28.4 22.8 34.2



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

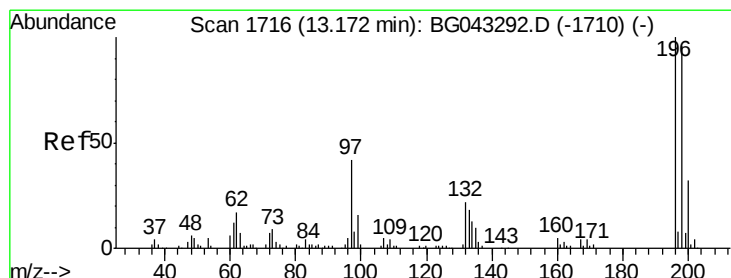
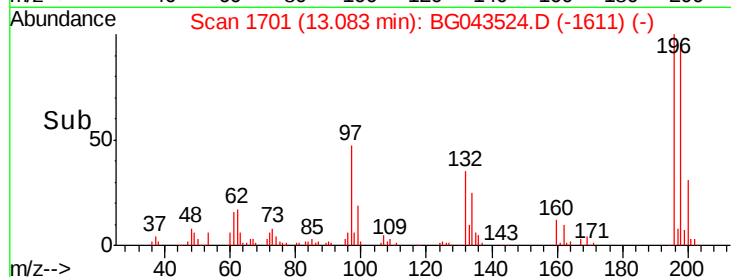
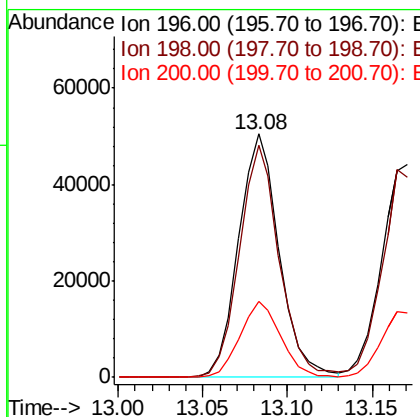
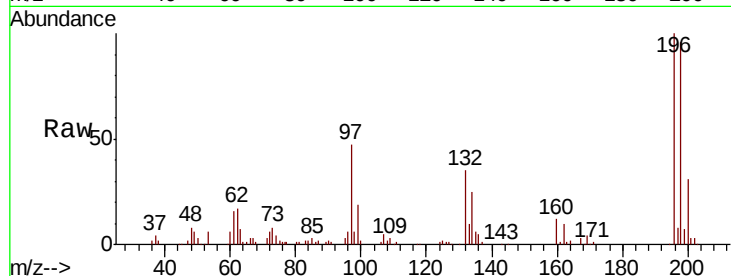




#43
 2,4,6-Trichlorophenol
 Concen: 39.911 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043524.D
 Acq: 6 Nov 2019 17:35

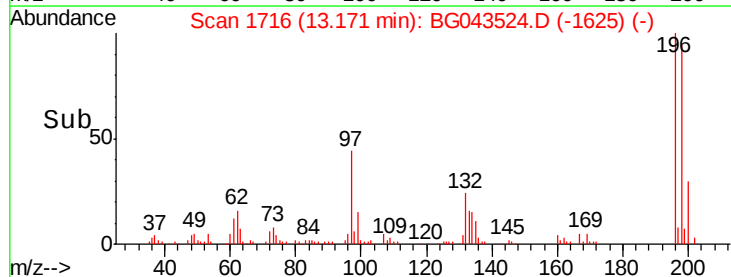
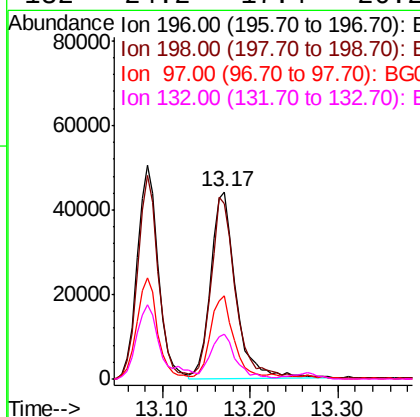
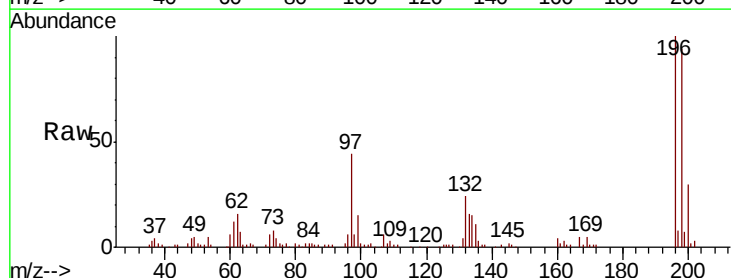
Instrument :
 BNA_G
 ClientSampleId :

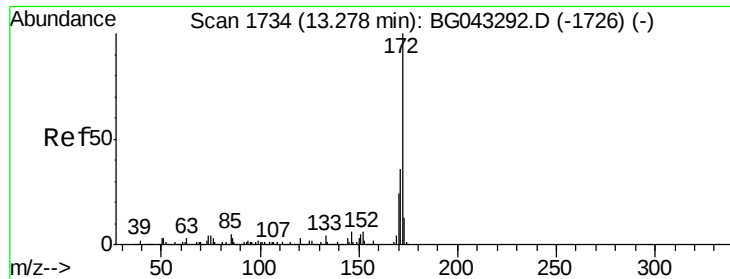
Tot Ion:196 Resp: 84300
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.8 113.6
 200 31.4 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 41.200 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG043524.D
 Acq: 6 Nov 2019 17:35

Tgt Ion:196 Resp: 87978
 Ion Ratio Lower Upper
 196 100
 198 93.8 74.5 111.7
 97 44.3 36.3 54.5
 132 24.2 17.4 26.2

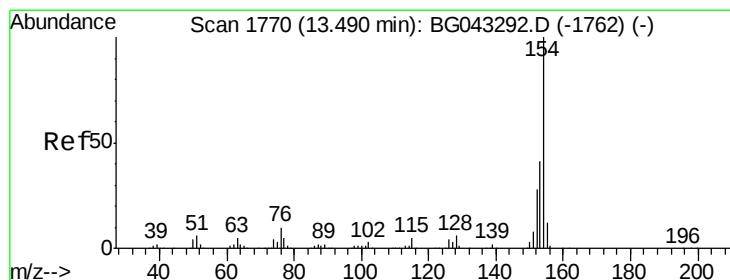
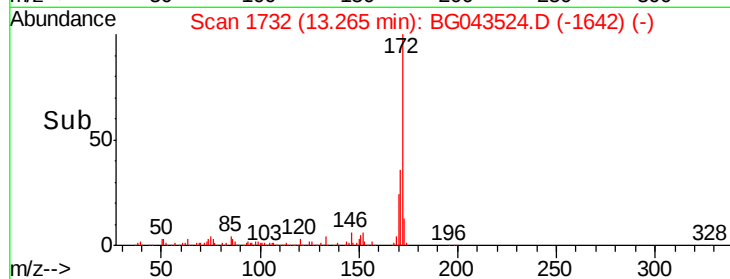
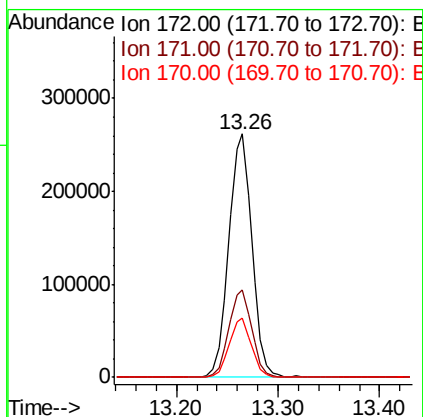
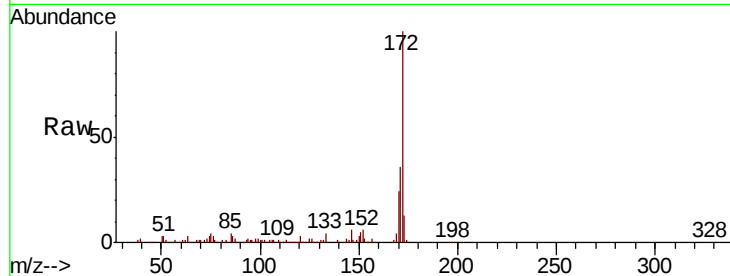




#45
2-Fluorobiphenyl
Concen: 58.921 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG043524.D
Acq: 6 Nov 2019 17:35

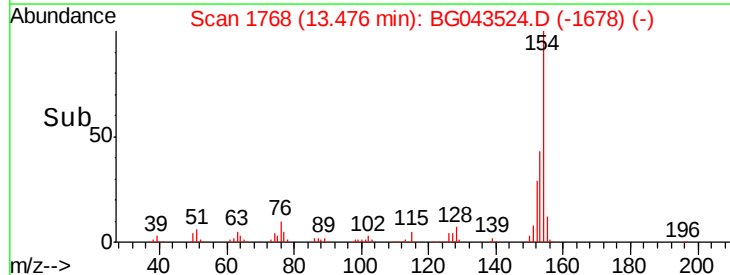
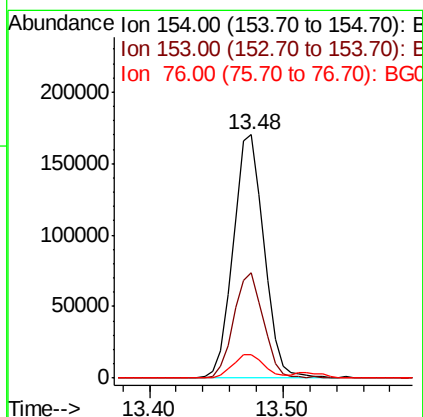
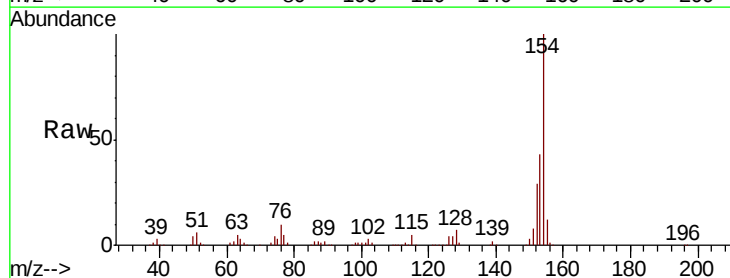
Instrument :
BNA_G
ClientSampleId :

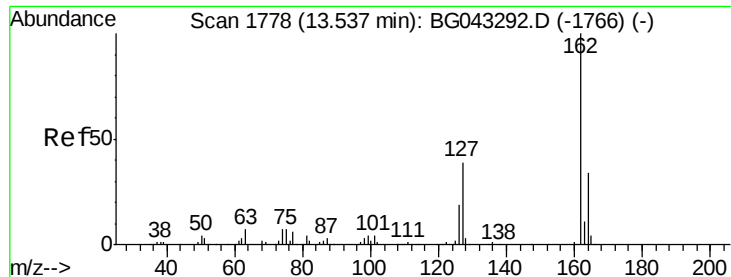
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	24.3	18.5	27.7



#46
1,1'-Biphenyl
Concen: 36.980 ng
RT: 13.48 min Scan# 1768
Delta R.T. -0.00 min
Lab File: BG043524.D
Acq: 6 Nov 2019 17:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.4	19.9	59.9
76	9.9	0.0	29.4

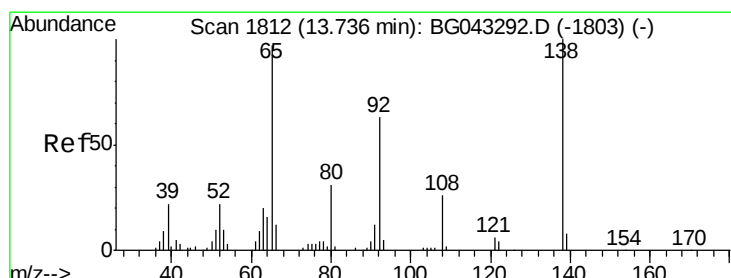
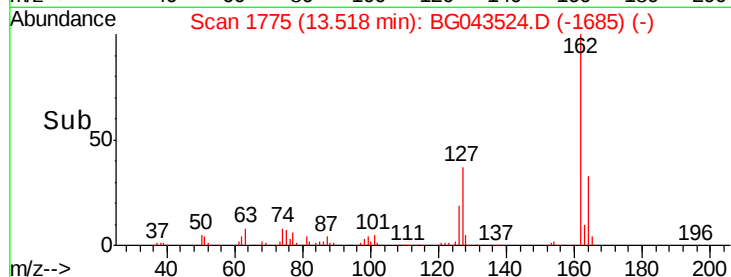
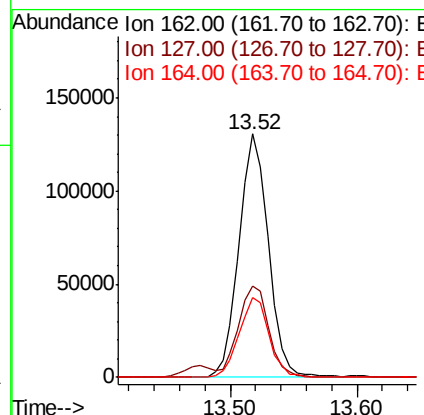
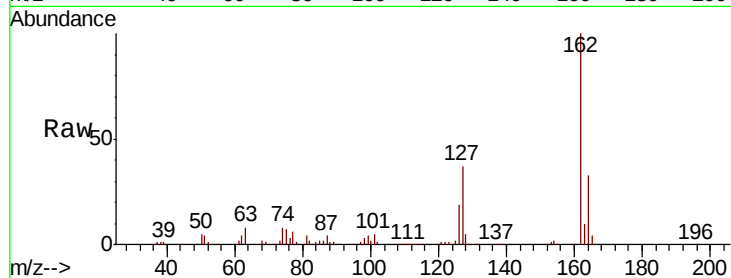




#47
2-Chloronaphthalene
Concen: 37.404 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BG043524.D
Acq: 6 Nov 2019 17:35

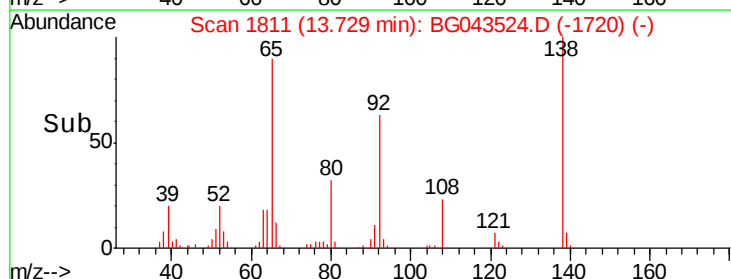
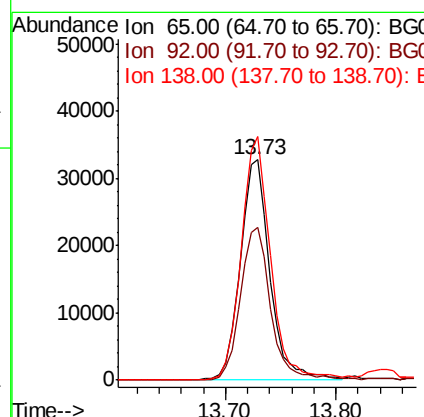
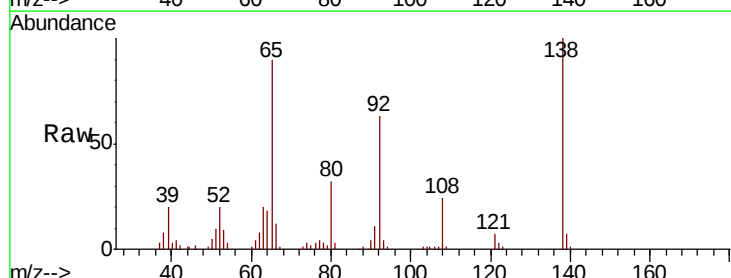
Instrument :
BNA_G
ClientSampleId :

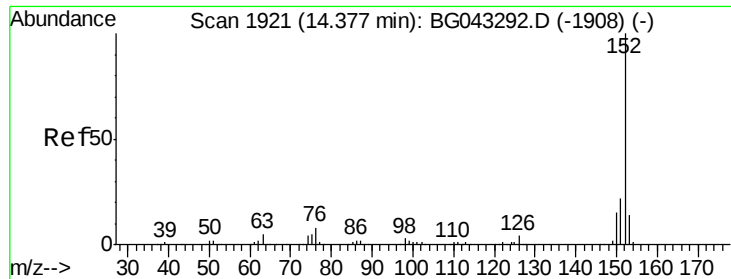
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	31.2	46.8
164	32.9	25.8	38.8



#48
2-Nitroaniline
Concen: 36.945 ng
RT: 13.73 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BG043524.D
Acq: 6 Nov 2019 17:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.6	56.2	84.2
138	110.6	82.6	123.8





#49

Acenaphthylene

Concen: 39.363 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

Instrument :

BNA_G

ClientSampled :

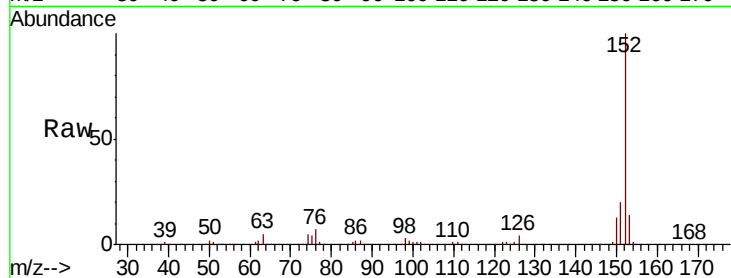
Tot Ion:152 Resp: 343659

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

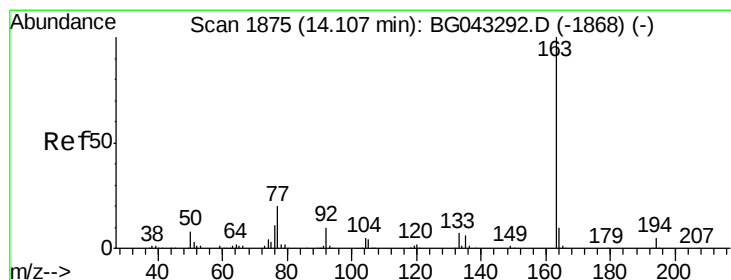
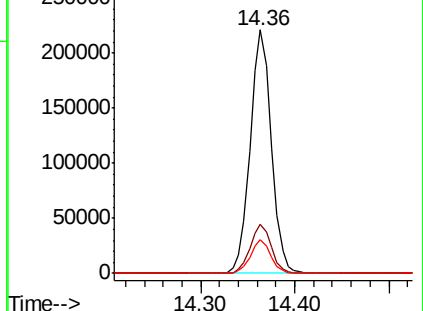
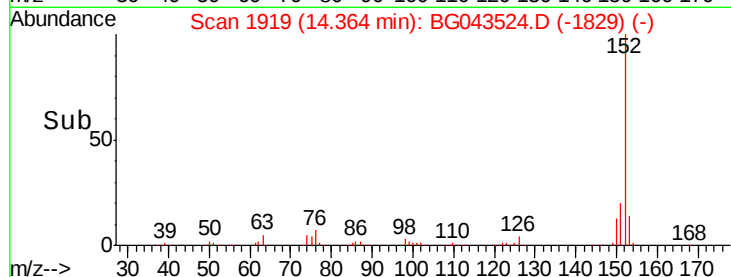
153 13.8 10.6 15.8



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: 36.649 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

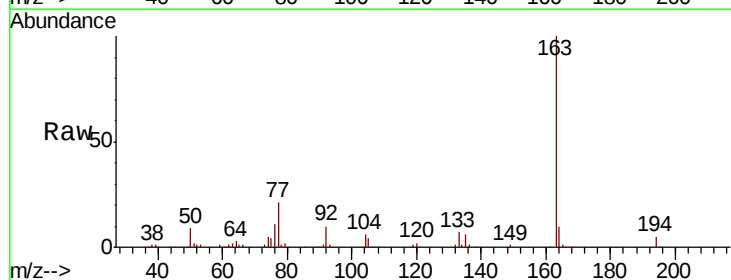
Tgt Ion:163 Resp: 275111

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.6

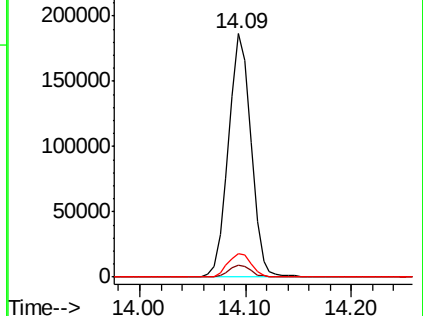
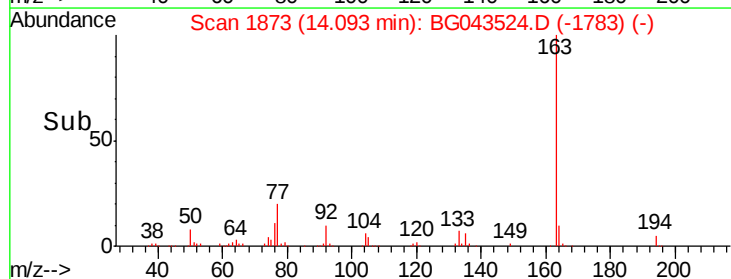
164 9.9 8.9 13.3

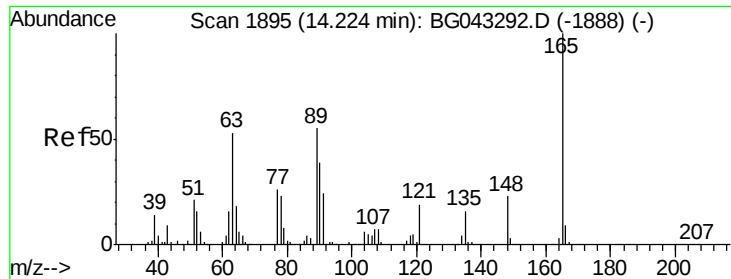


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.197 ng

RT: 14.22 min Scan# 1894

Delta R.T. 0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

Instrument :

BNA_G

ClientSampled :

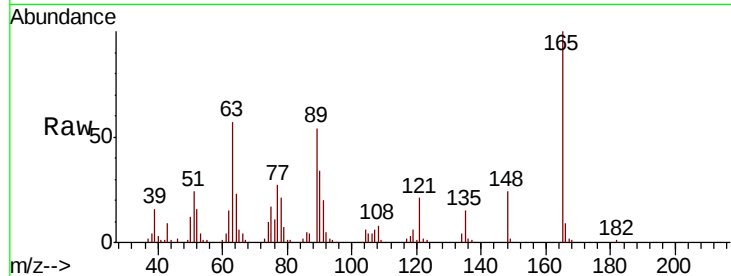
Tot Ion:165 Resp: 63922

Ion Ratio Lower Upper

165 100

63 57.3 46.6 69.8

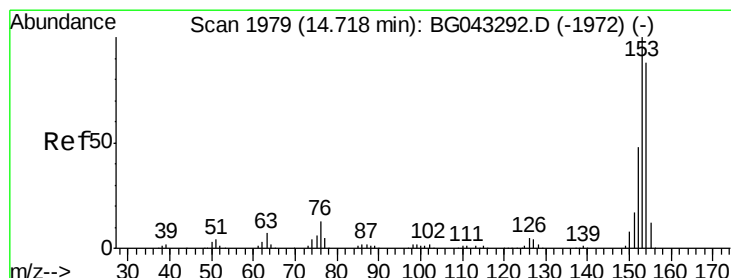
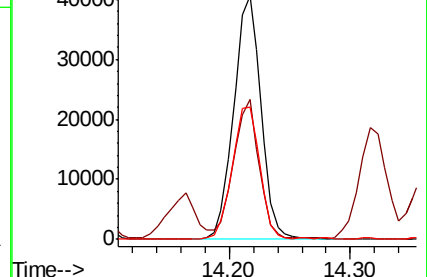
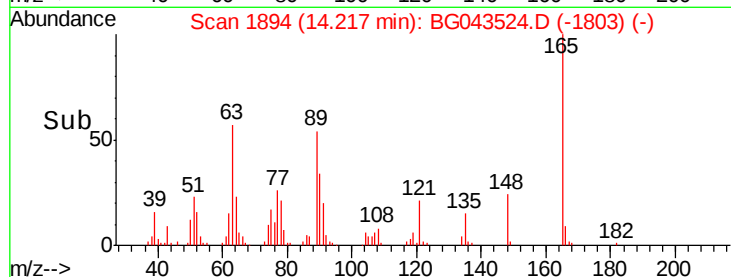
89 54.5 45.1 67.7



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: 37.334 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

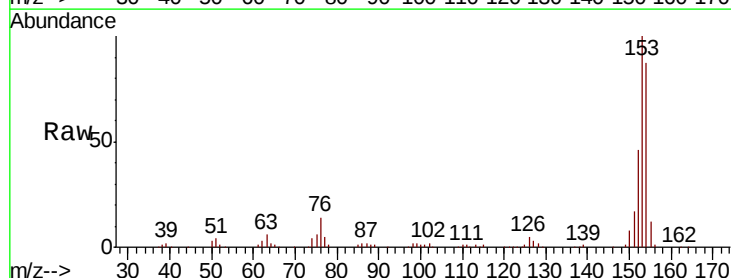
Tgt Ion:154 Resp: 198775

Ion Ratio Lower Upper

154 100

153 114.3 88.2 132.2

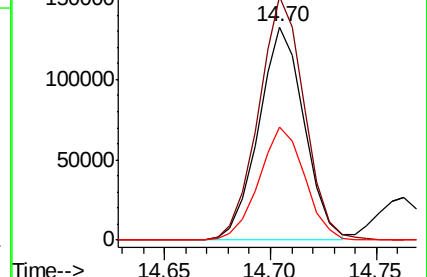
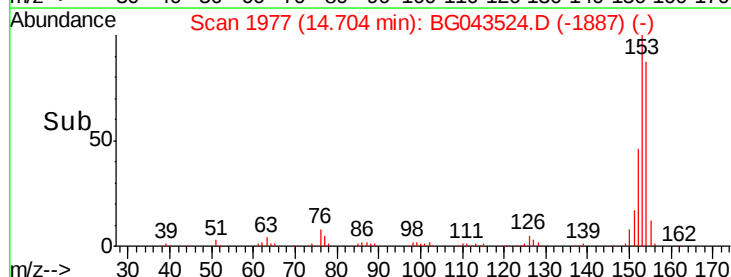
152 53.1 40.0 60.0

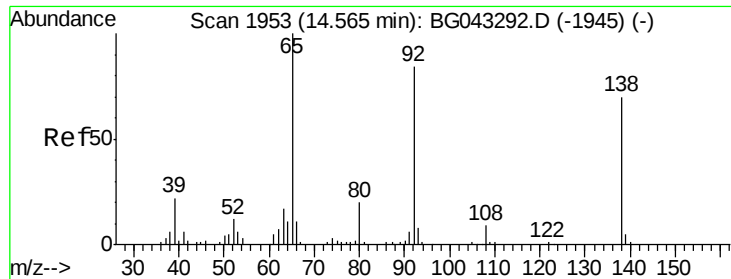


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

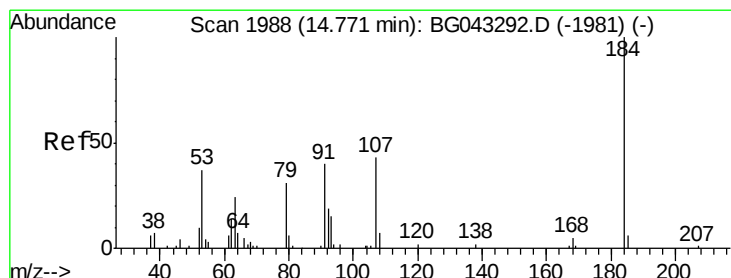
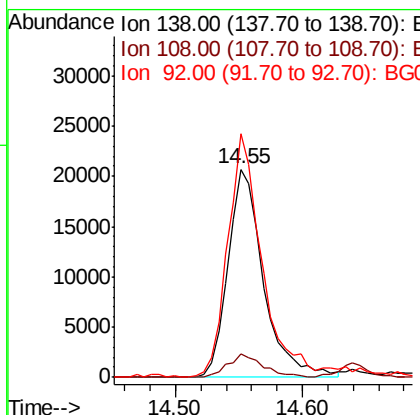
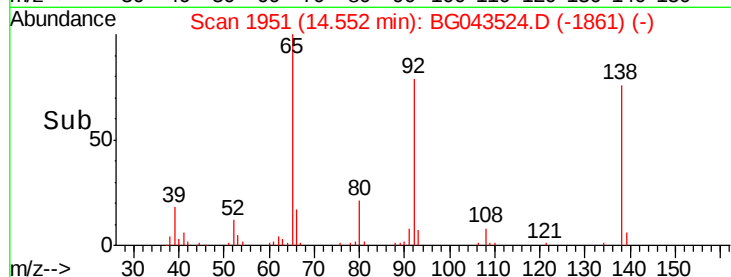
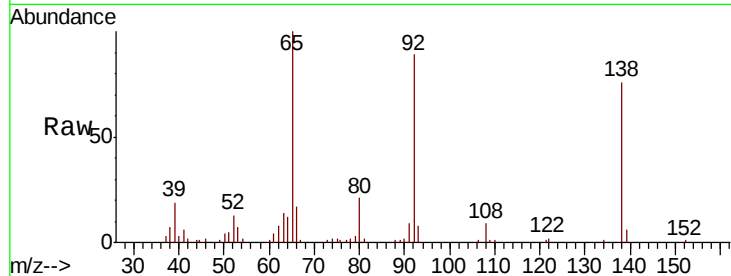




#53
3-Nitroaniline
Concen: 25.439 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG043524.D
Acq: 6 Nov 2019 17:35

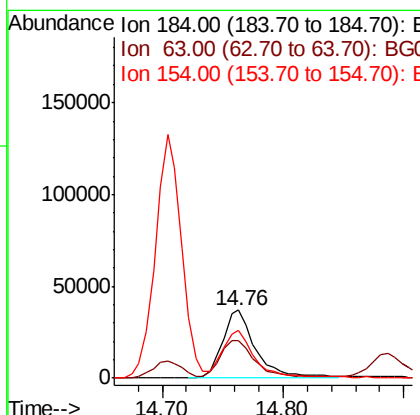
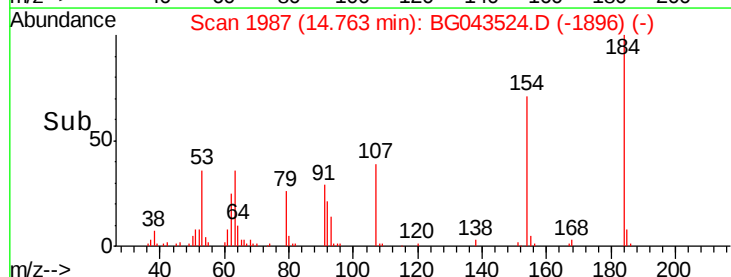
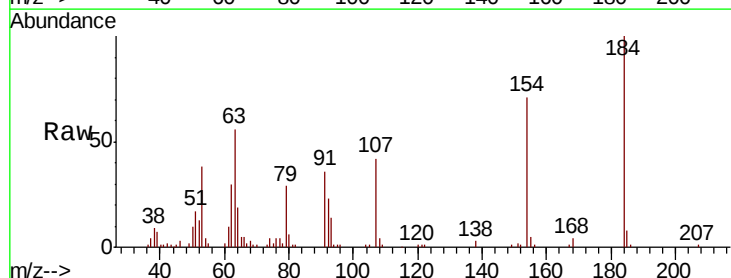
Instrument :
BNA_G
ClientSampleId :

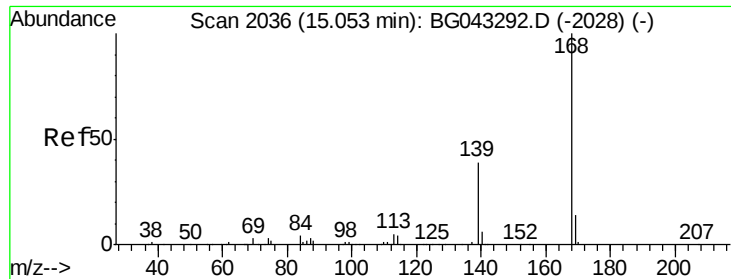
Tot Ion:138 Resp: 40053
Ion Ratio Lower Upper
138 100
108 11.2 8.0 12.0
92 116.9 90.9 136.3



#54
2,4-Dinitrophenol
Concen: 69.637 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG043524.D
Acq: 6 Nov 2019 17:35

Tgt Ion:184 Resp: 69858
Ion Ratio Lower Upper
184 100
63 55.9 51.3 76.9
154 70.9 55.4 83.0





#55

Dibenzofuran

Concen: 38.536 ng

RT: 15.04 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

Instrument :

BNA_G

ClientSampled :

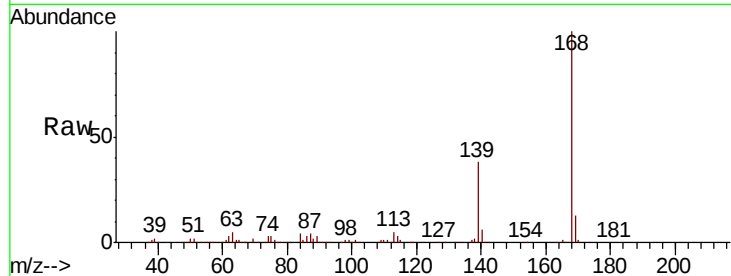
Tot Ion:168 Resp: 332717

Ion Ratio Lower Upper

168 100

139 38.3 31.0 46.6

169 12.8 11.7 17.5

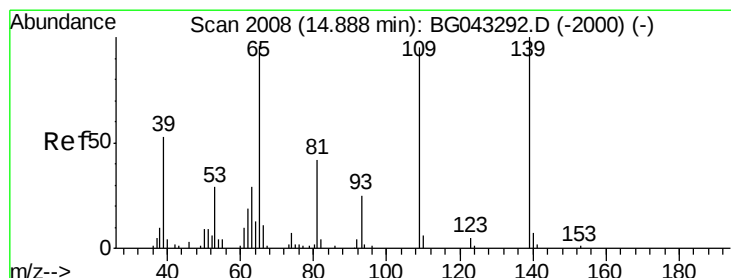
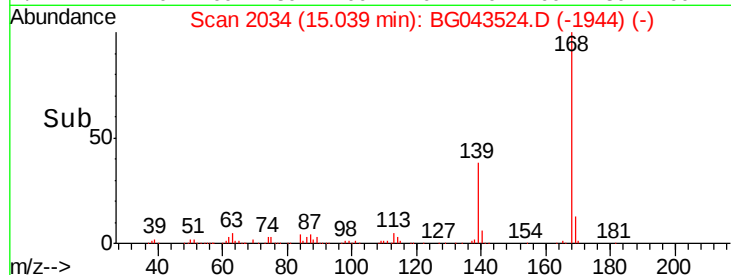
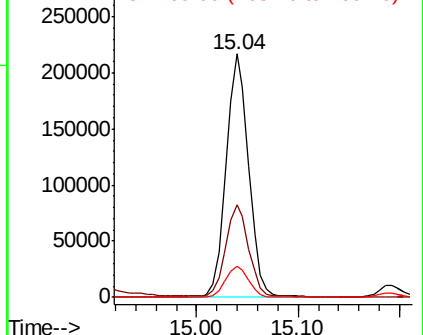


Abundance

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: 83.682 ng

RT: 14.89 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

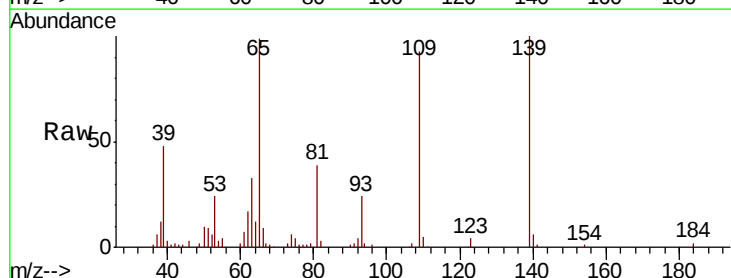
Tgt Ion:139 Resp: 88294

Ion Ratio Lower Upper

139 100

109 93.5 87.2 127.2

65 99.1 83.8 123.8

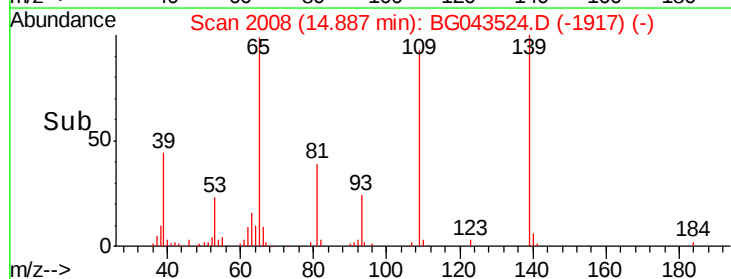
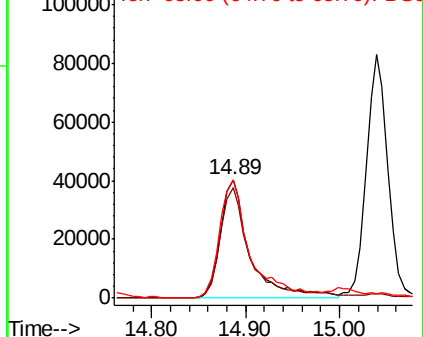


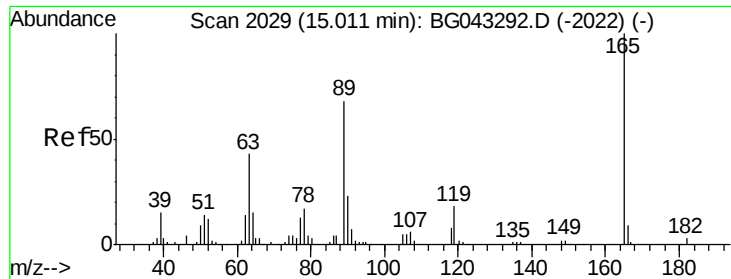
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

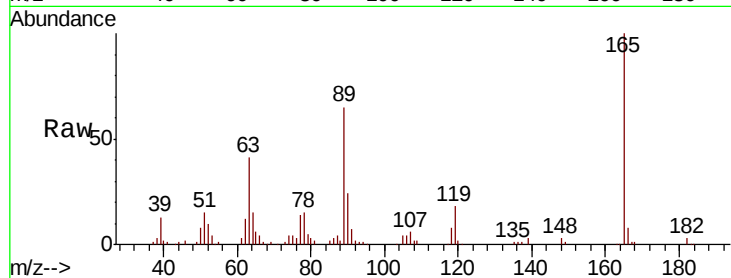




#57
2,4-Dinitrotoluene
Concen: 39.118 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG043524.D
Acq: 6 Nov 2019 17:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.2	33.2	49.8
89	64.6	52.2	78.4
182	2.7	2.0	3.0



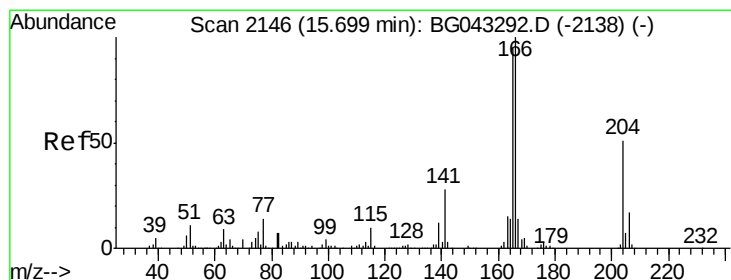
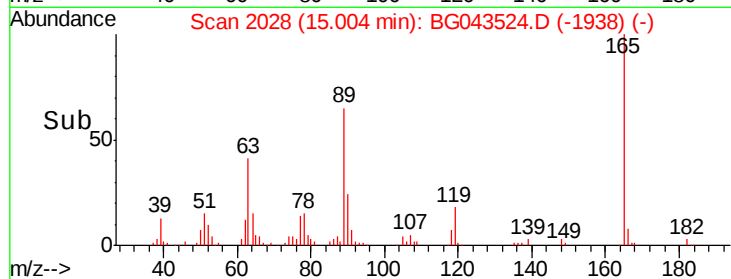
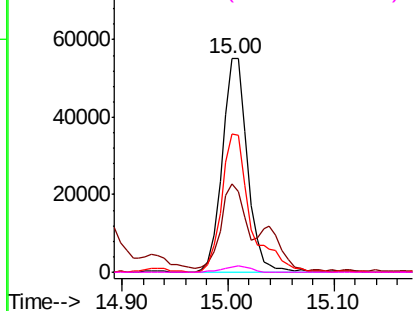
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

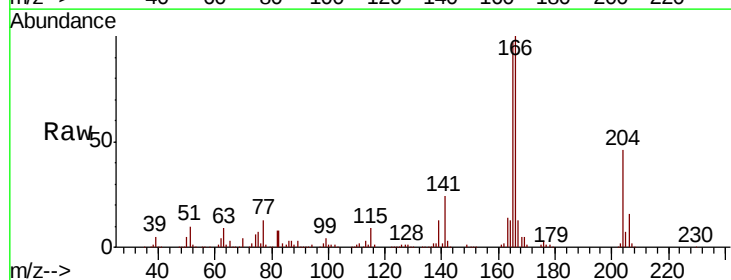
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.084 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG043524.D
Acq: 6 Nov 2019 17:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	79.0	118.6
167	13.2	10.5	15.7

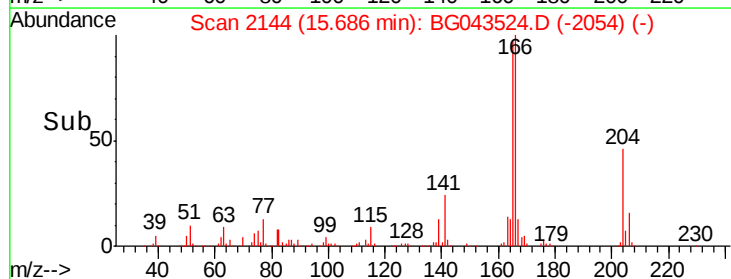
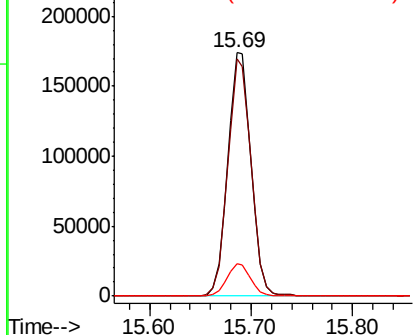


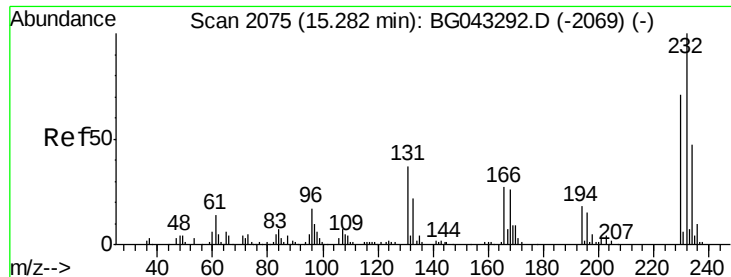
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

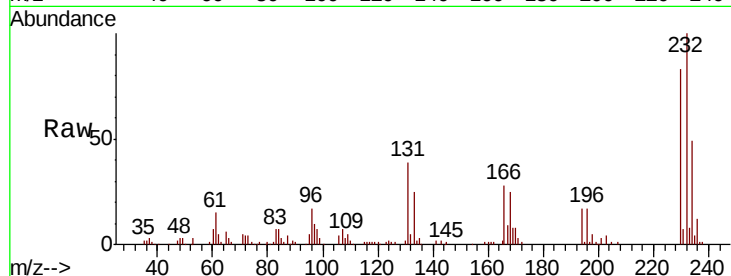




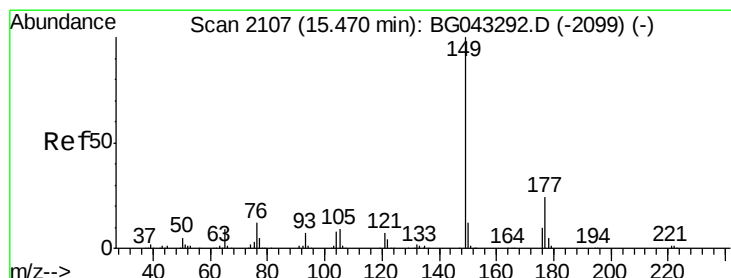
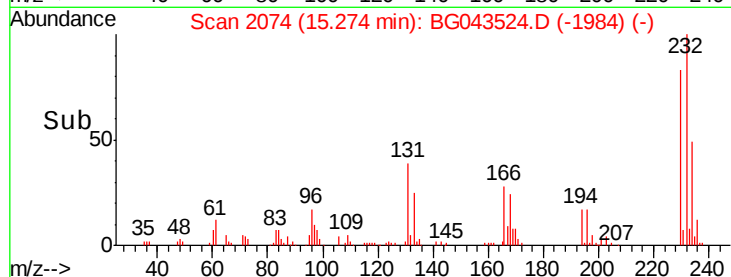
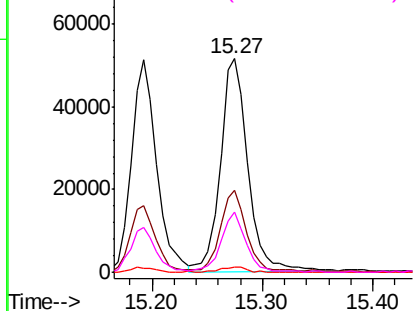
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.187 ng
 RT: 15.27 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG043524.D
 Acq: 6 Nov 2019 17:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	88905
Ion	Ratio	Lower	Upper
232	100		
131	37.0	26.9	40.3
130	2.2	1.8	2.6
166	24.8	20.9	31.3

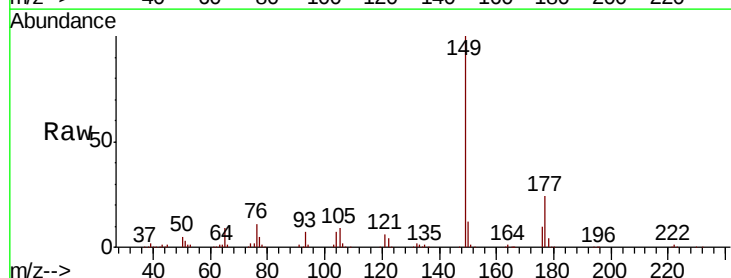


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

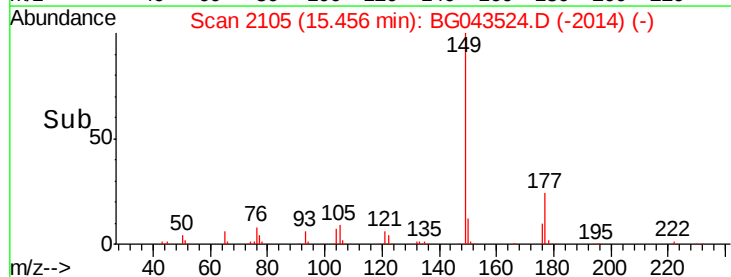
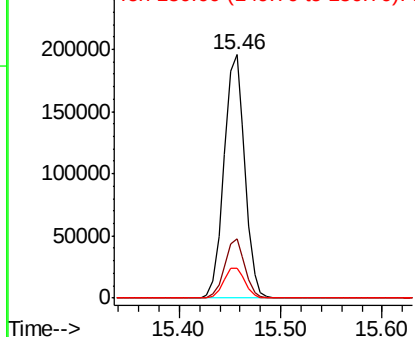


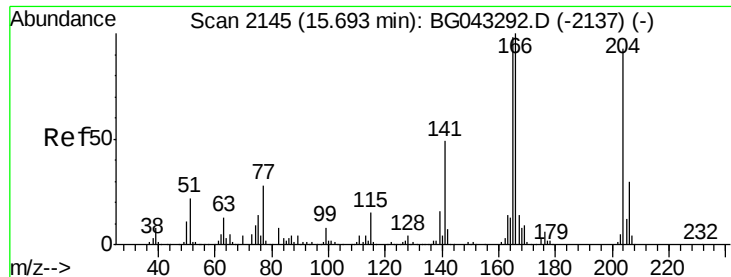
#60
 Diethylphthalate
 Concen: 36.765 ng
 RT: 15.46 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG043524.D
 Acq: 6 Nov 2019 17:35

Tgt Ion:	149	Resp:	277298
Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.6	29.4
150	12.4	10.8	16.2



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

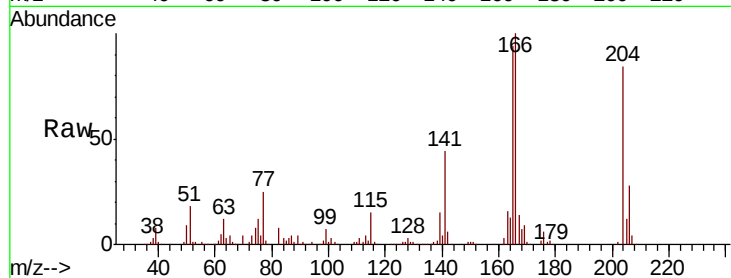




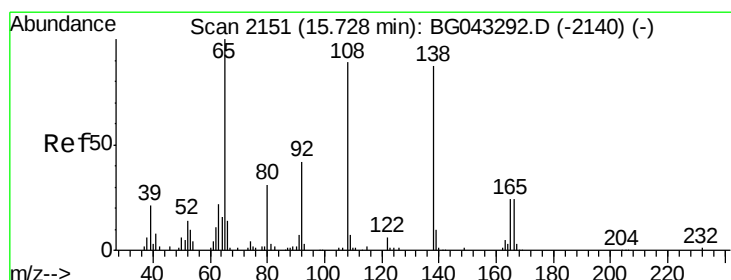
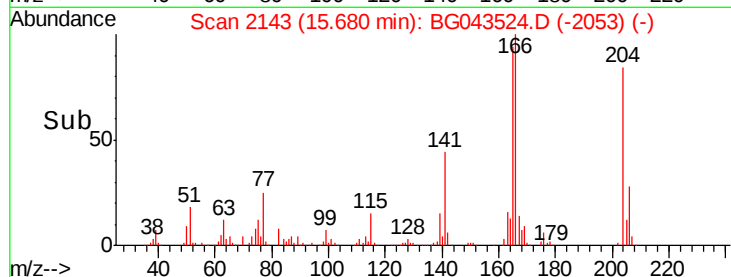
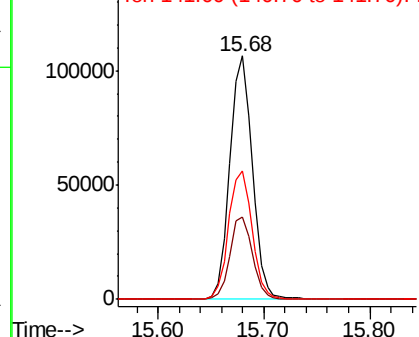
#61
4-Chlorophenyl-phenylether
Concen: 37.198 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG043524.D
Acq: 6 Nov 2019 17:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 157144
Ion Ratio Lower Upper
204 100
206 33.6 28.4 42.6
141 52.5 43.0 64.6

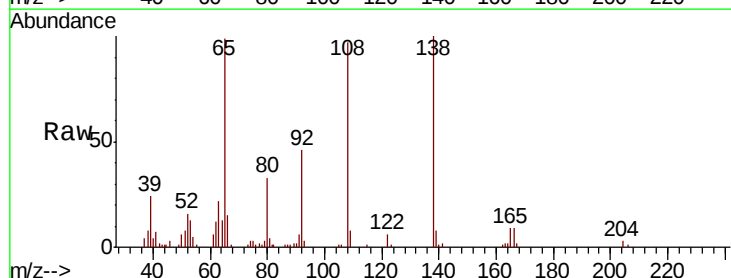


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

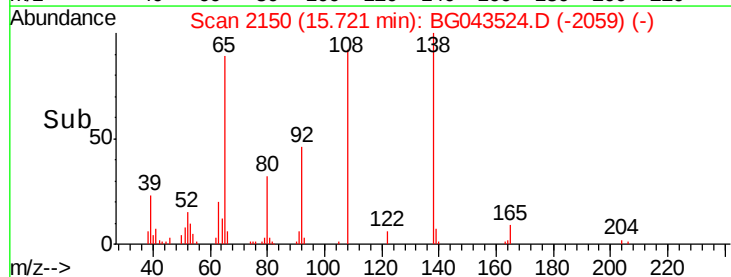
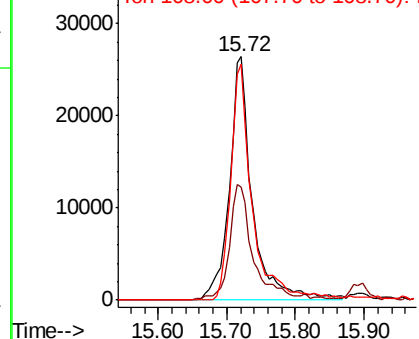


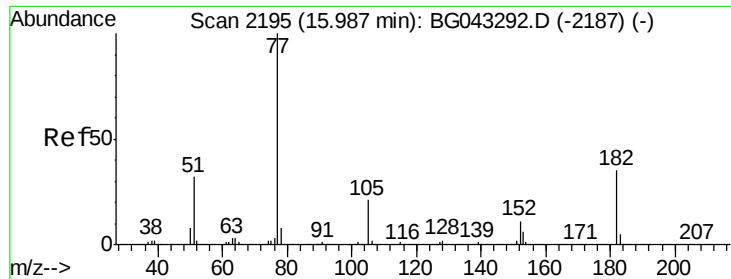
#62
4-Nitroaniline
Concen: 37.901 ng
RT: 15.72 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BG043524.D
Acq: 6 Nov 2019 17:35

Tgt Ion:138 Resp: 61629
Ion Ratio Lower Upper
138 100
92 46.4 33.4 73.4
108 96.9 78.0 118.0



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: 37.341 ng

RT: 15.97 min Scan# 2193

Delta R.T. -0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 227940

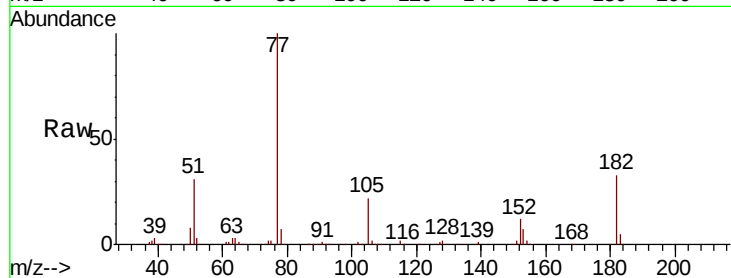
Ion Ratio Lower Upper

77 100

182 33.4 13.7 53.7

105 21.7 0.4 40.4

51 31.3 11.0 51.0

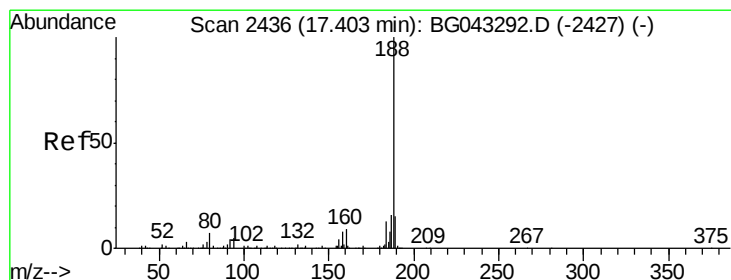
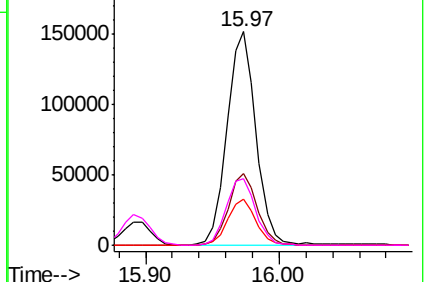
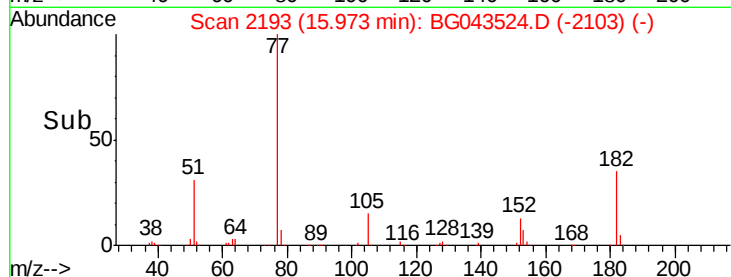


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.39 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

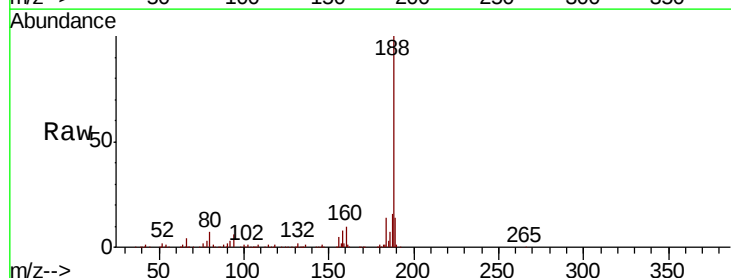
Tgt Ion: 188 Resp: 222824

Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.4

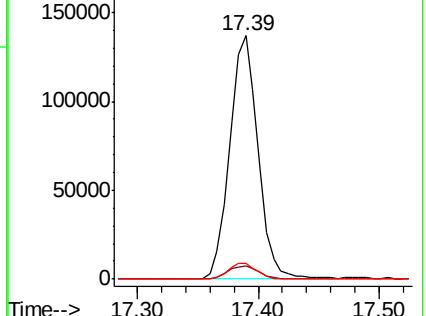
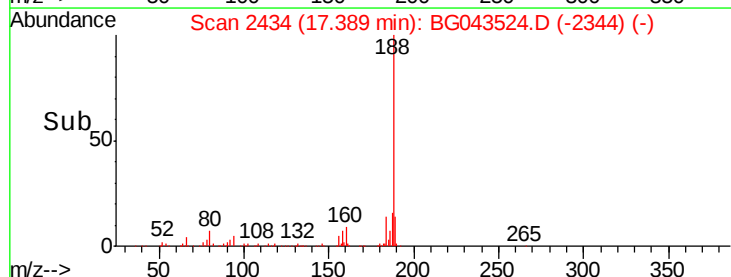
80 6.7 4.5 6.7

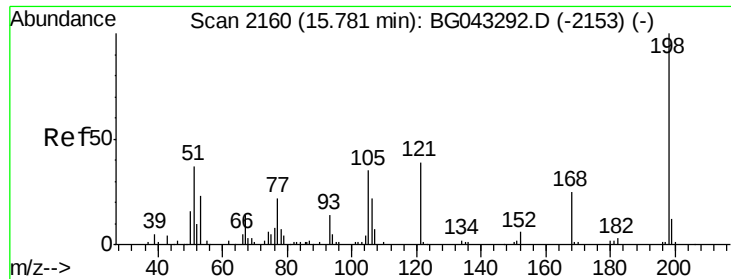


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

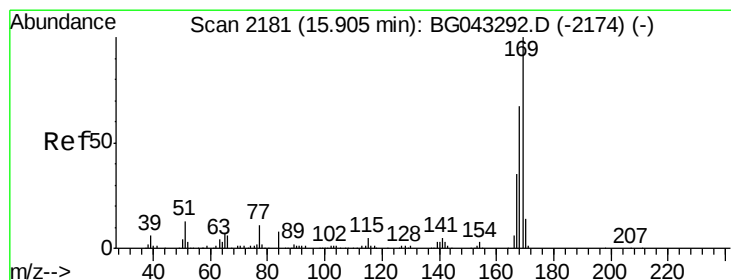
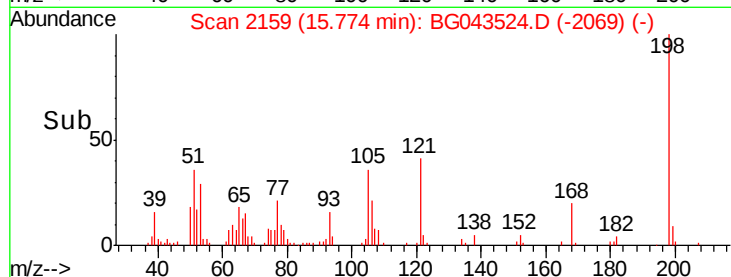
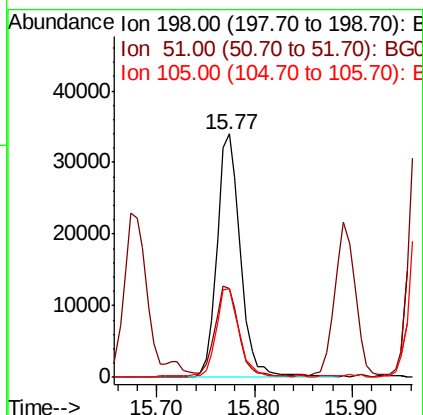
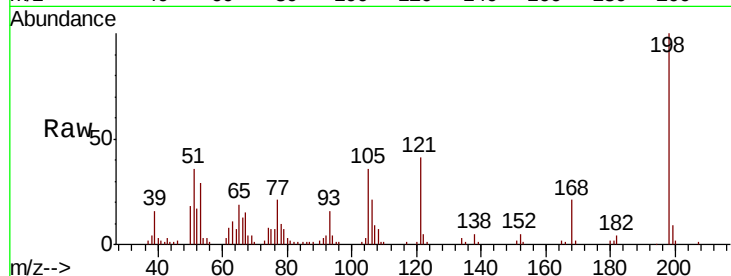




#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.022 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BG043524.D
 Acq: 6 Nov 2019 17:35

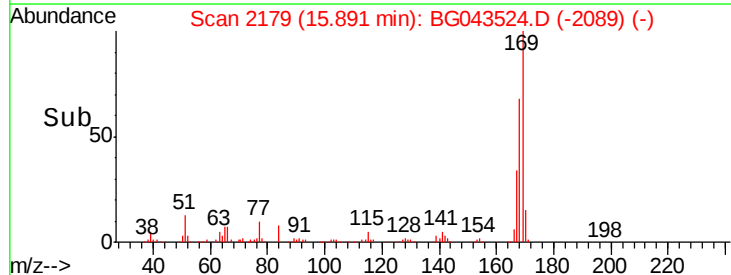
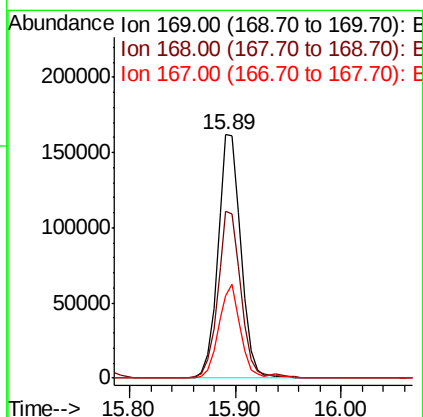
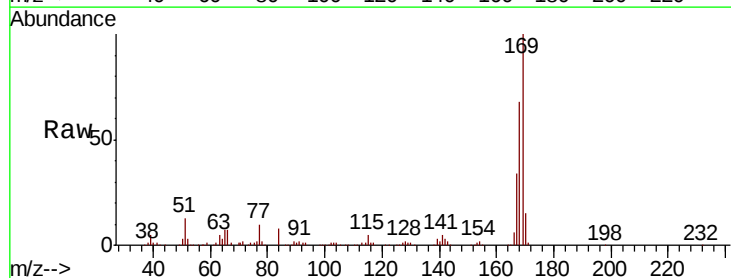
Instrument :
 BNA_G
 ClientSampled :

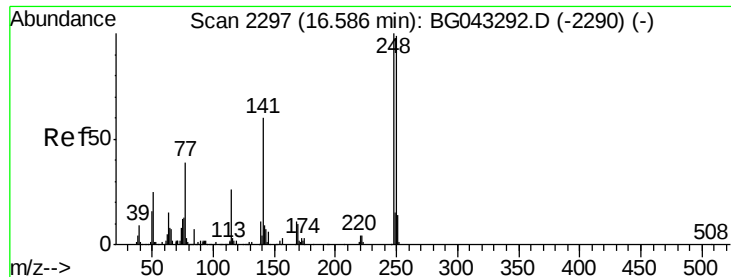
Tot Ion:198 Resp: 56416
 Ion Ratio Lower Upper
 198 100
 51 36.5 13.2 53.2
 105 36.4 15.8 55.8



#66
 n-Nitrosodiphenylamine
 Concen: 39.041 ng
 RT: 15.89 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BG043524.D
 Acq: 6 Nov 2019 17:35

Tgt Ion:169 Resp: 245600
 Ion Ratio Lower Upper
 169 100
 168 68.4 53.8 80.6
 167 34.1 27.5 41.3

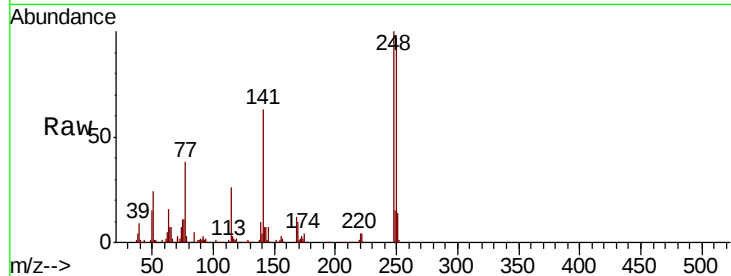




#67
4-Bromophenyl-phenylether
Concen: 36.811 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG043524.D
Acq: 6 Nov 2019 17:35

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.0	115.4
141	63.3	47.5	71.3

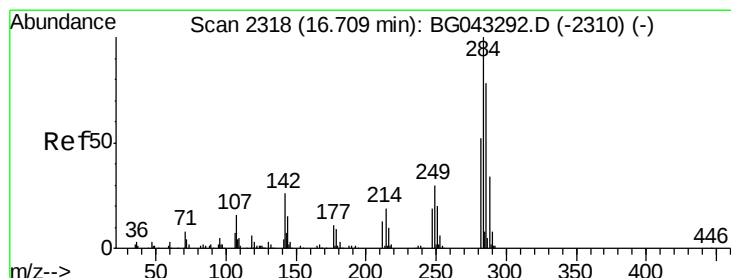
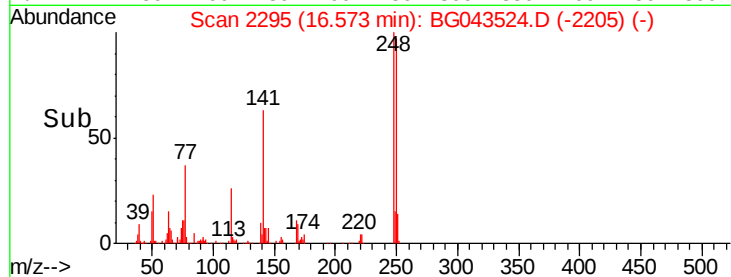
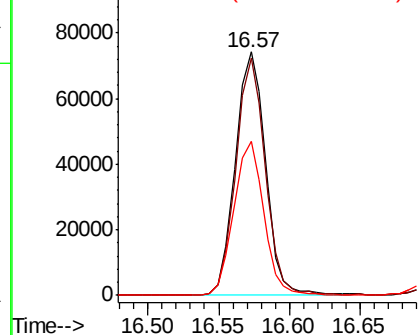


Abundance

Ion 248.00 (247.70 to 248.70): E

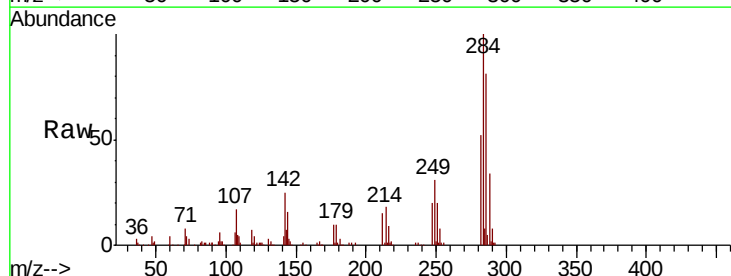
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 35.866 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG043524.D
Acq: 6 Nov 2019 17:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.2	19.8	29.8
249	30.7	23.8	35.6

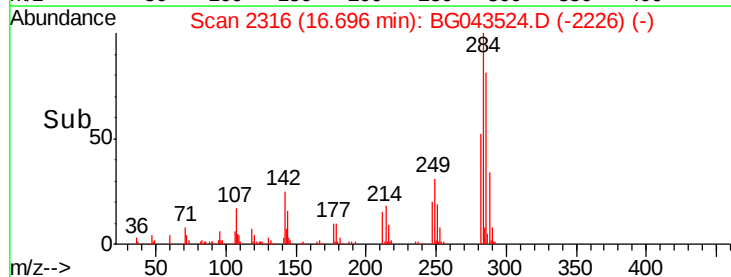
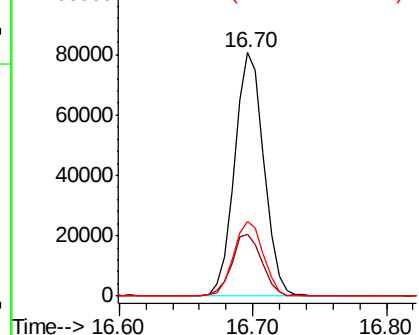


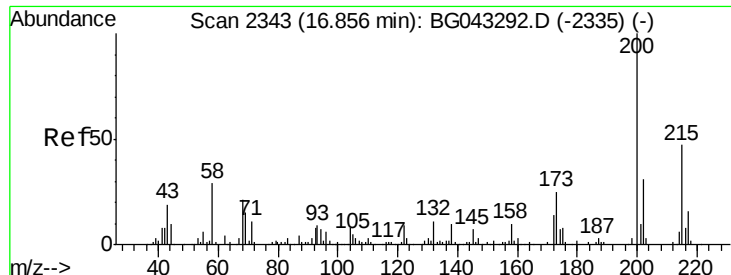
Abundance

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

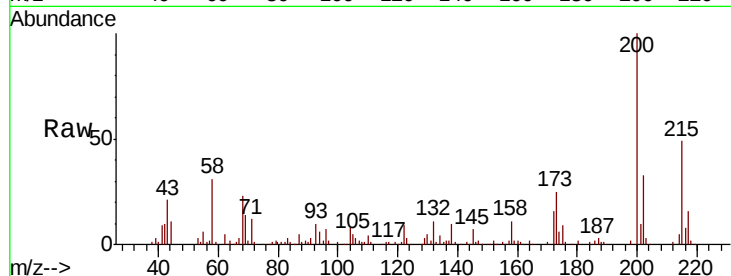




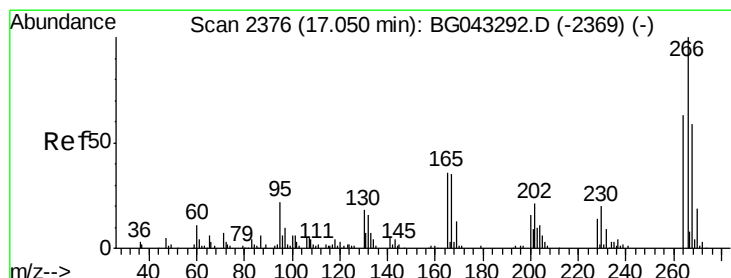
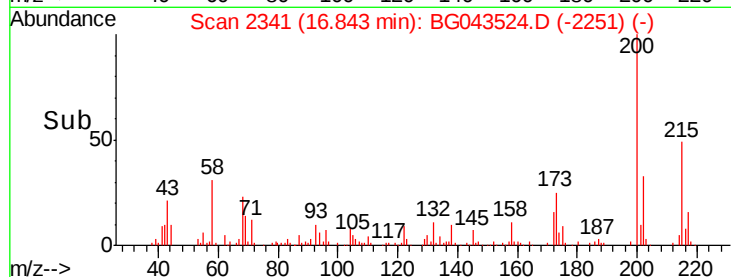
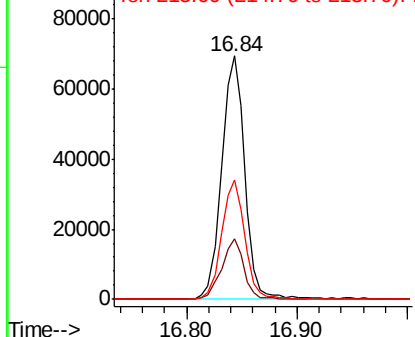
#69
Atrazine
Concen: 46.472 ng
RT: 16.84 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BG043524.D
Acq: 6 Nov 2019 17:35

Instrument :
BNA_G
ClientSampled :

Tot Ion:200 Resp: 101586
Ion Ratio Lower Upper
200 100
173 24.7 4.7 44.7
215 49.2 28.5 68.5

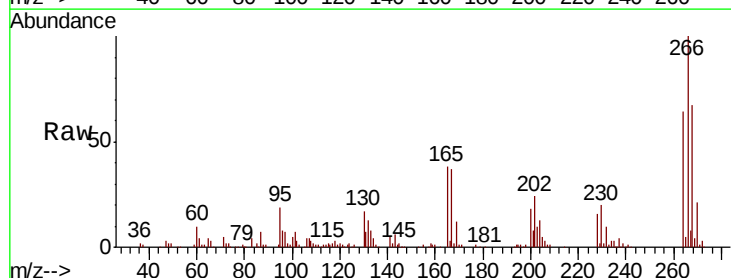


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

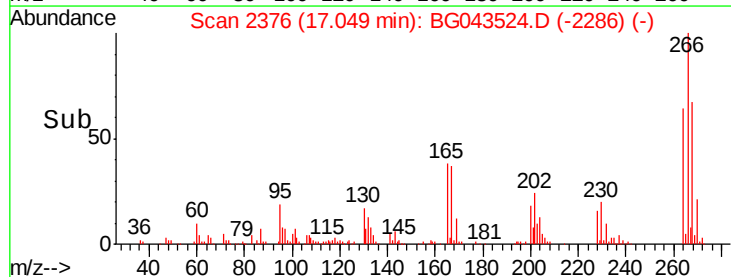
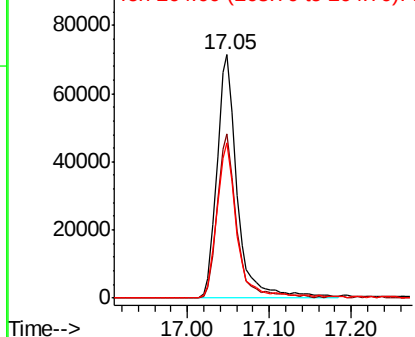


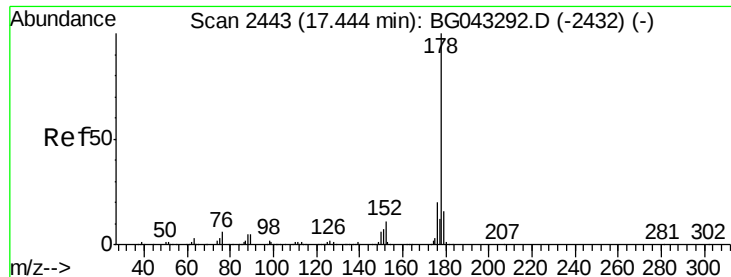
#70
Pentachlorophenol
Concen: 79.377 ng
RT: 17.05 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BG043524.D
Acq: 6 Nov 2019 17:35

Tgt Ion:266 Resp: 124500
Ion Ratio Lower Upper
266 100
268 67.2 50.4 75.6
264 63.7 48.9 73.3



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

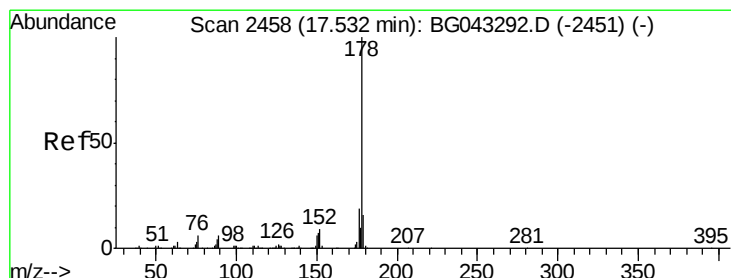
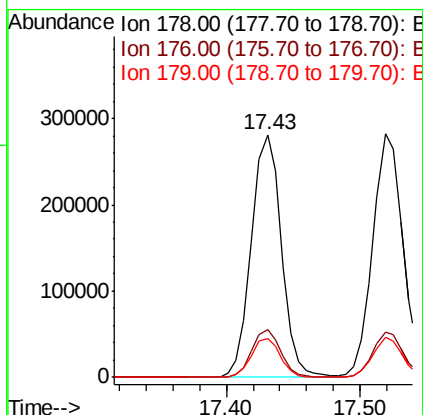
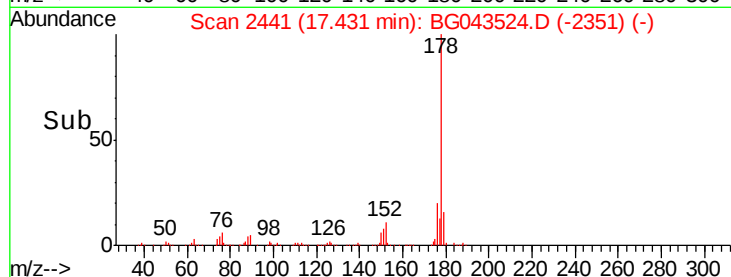
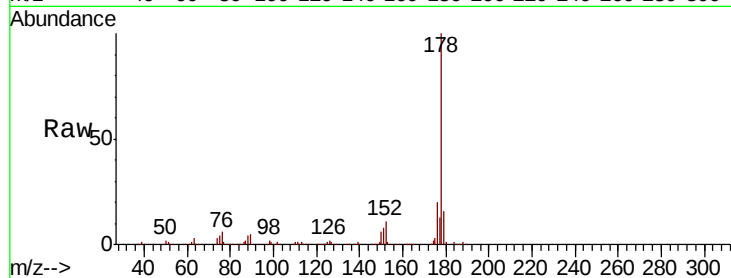




#71
Phenanthrene
Concen: 38.170 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG043524.D
Acq: 6 Nov 2019 17:35

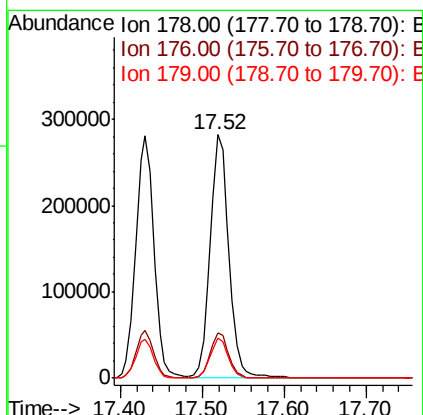
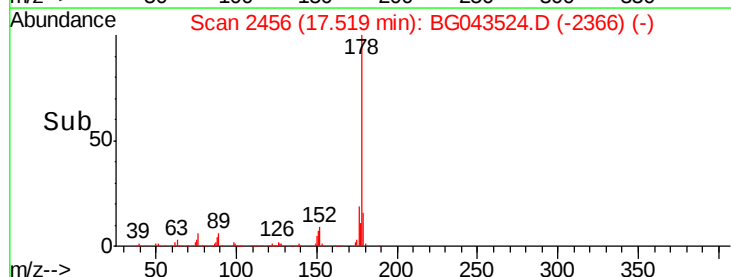
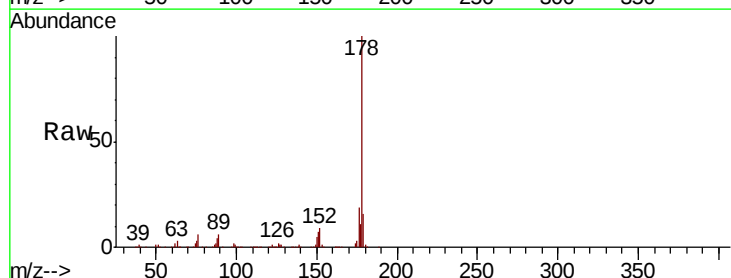
Instrument :
BNA_G
ClientSampleId :

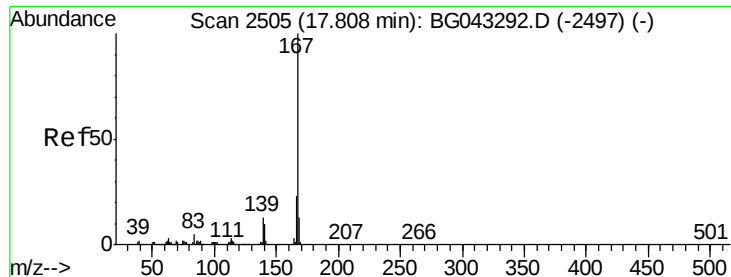
Tot Ion:178 Resp: 435528
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 16.1 13.0 19.6



#72
Anthracene
Concen: 39.355 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BG043524.D
Acq: 6 Nov 2019 17:35

Tgt Ion:178 Resp: 449287
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 16.3 13.7 20.5





#73

Carbazole

Concen: 39.429 ng

RT: 17.79 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

Instrument :

BNA_G

ClientSampled :

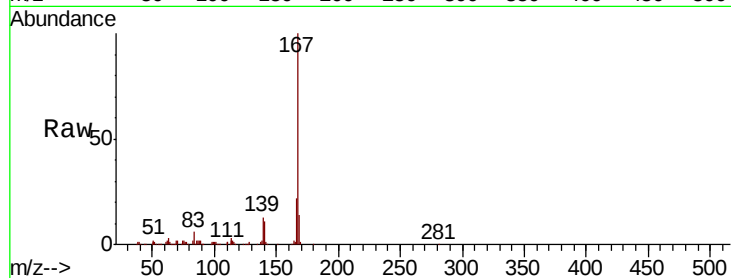
Tot Ion:167 Resp: 407628

Ion Ratio Lower Upper

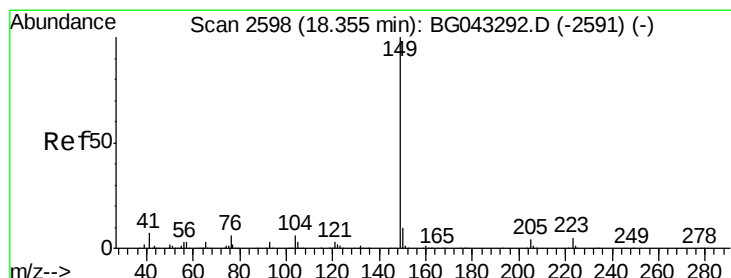
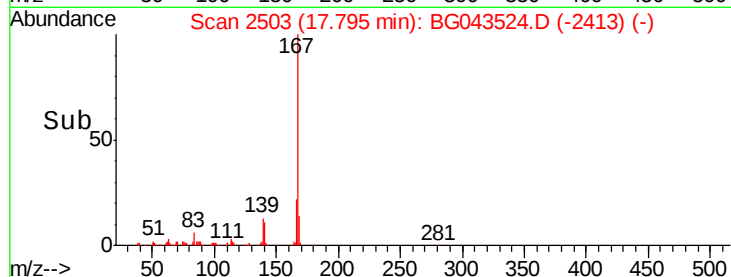
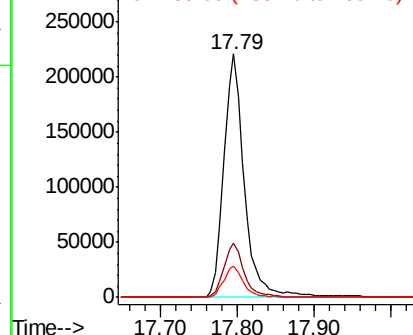
167 100

166 22.2 18.7 28.1

139 12.8 10.0 15.0



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: 38.163 ng

RT: 18.34 min Scan# 2596

Delta R.T. -0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

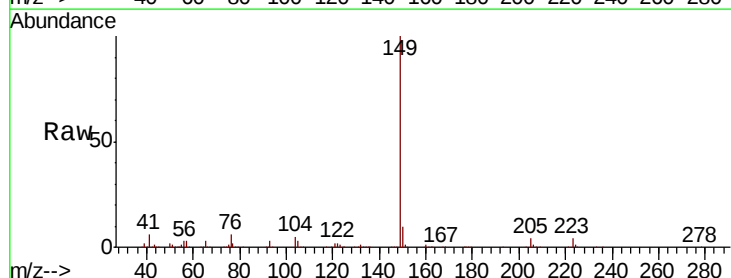
Tgt Ion:149 Resp: 478713

Ion Ratio Lower Upper

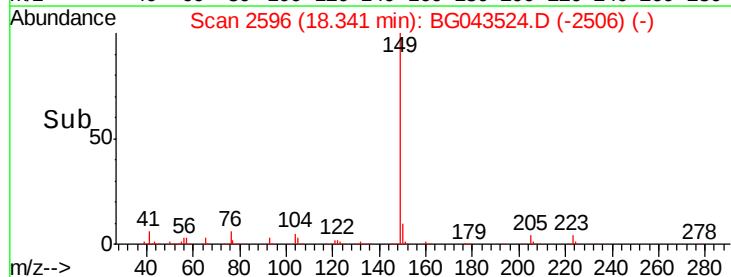
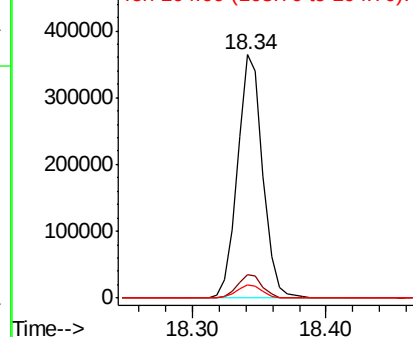
149 100

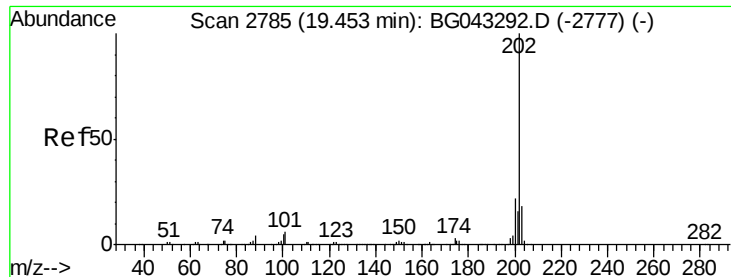
150 9.7 8.0 12.0

104 5.3 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.527 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG043524.D

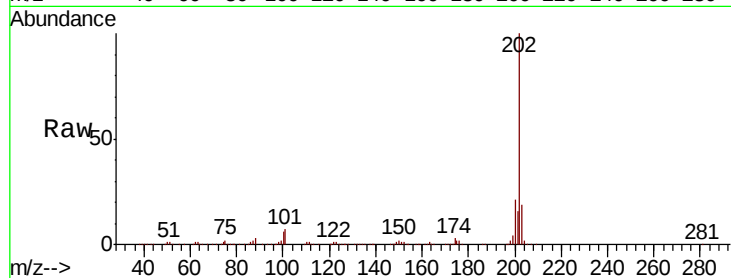
Acq: 6 Nov 2019 17:35

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	573109
Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	26.3
203	18.5	0.0	37.9

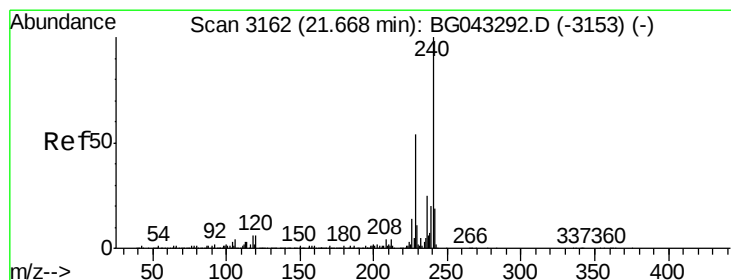
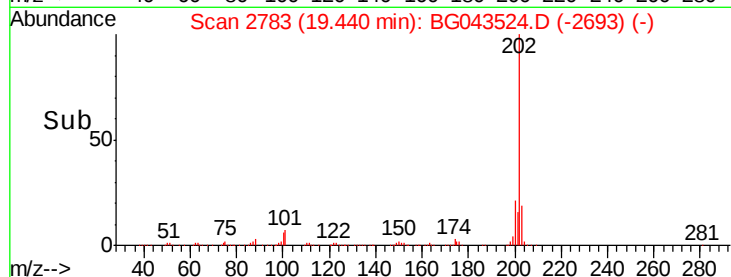
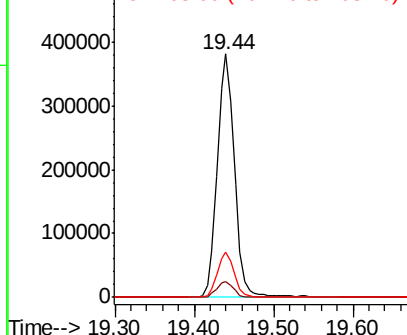


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

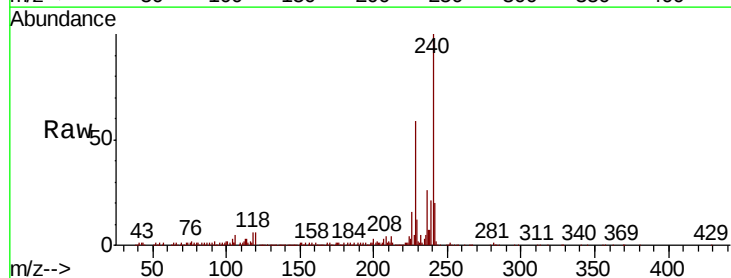
RT: 21.66 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

Tgt Ion:	240	Resp:	245124
Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.6	6.8
236	25.9	19.8	29.8

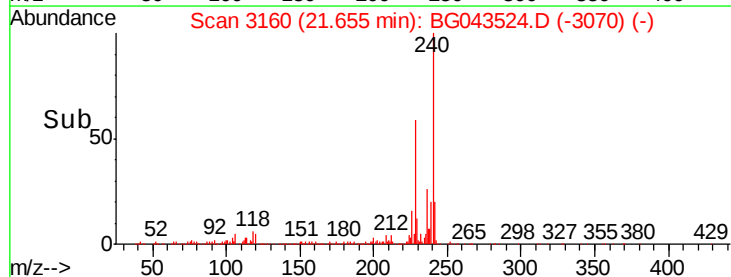
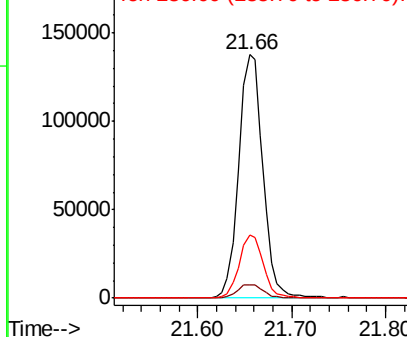


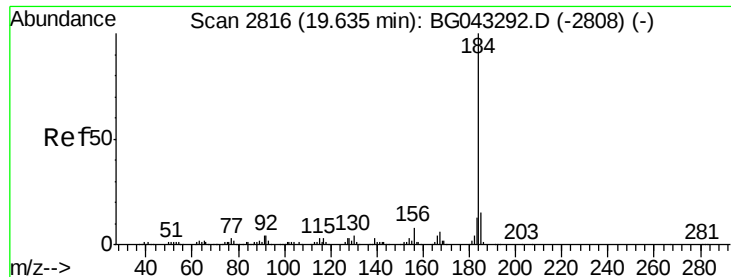
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.299 ng

RT: 19.63 min Scan# 2815

Delta R.T. 0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

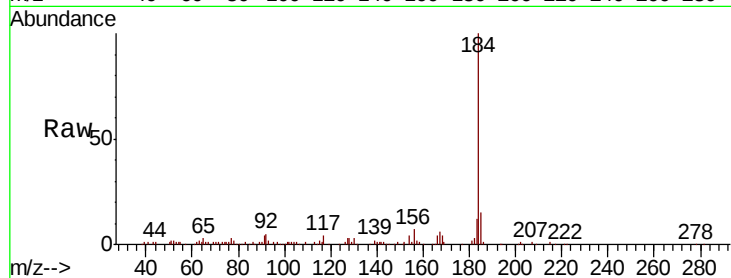
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 114937

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.0	16.4
183	11.7	10.0	15.0

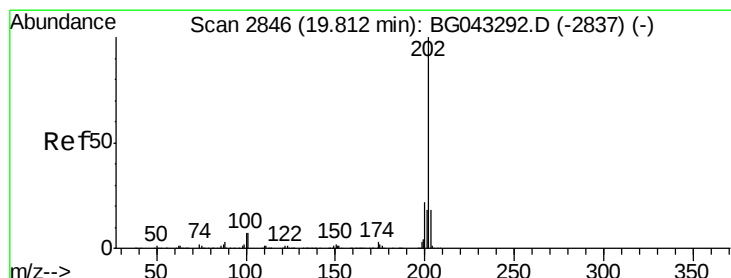
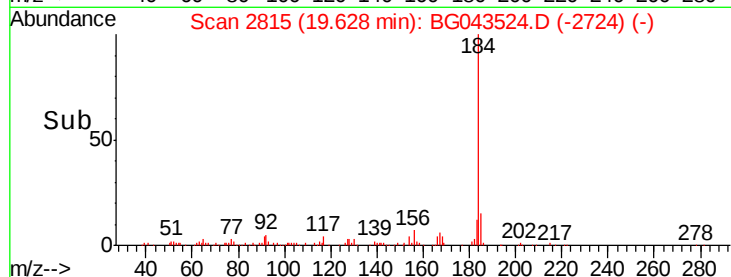
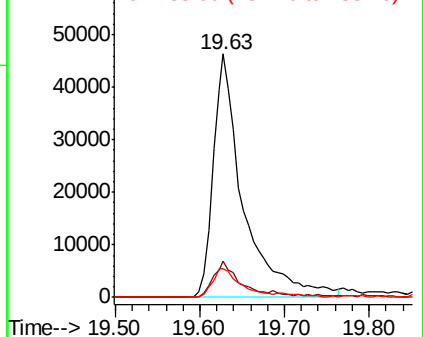


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.133 ng

RT: 19.80 min Scan# 2845

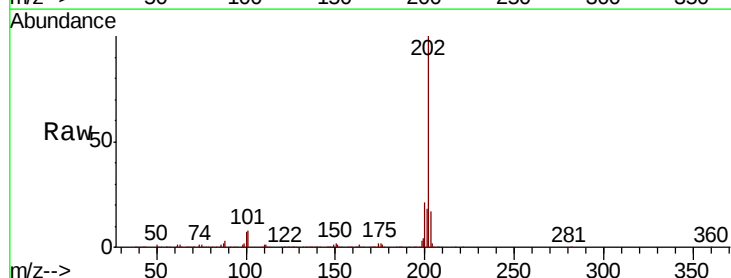
Delta R.T. 0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

Tgt Ion:202 Resp: 578586

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.5	14.7	22.1

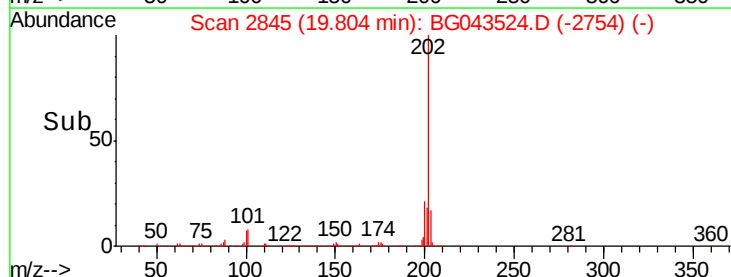
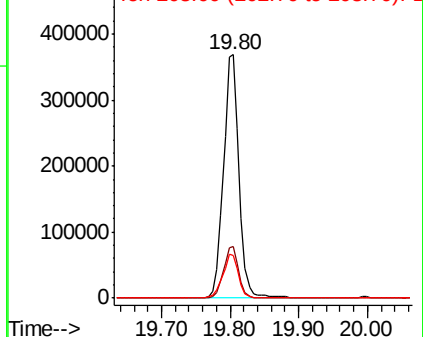


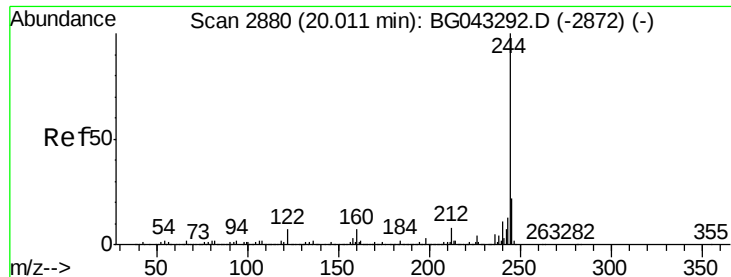
Abundance

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: 58.826 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

Instrument :

BNA_G

ClientSampleId :

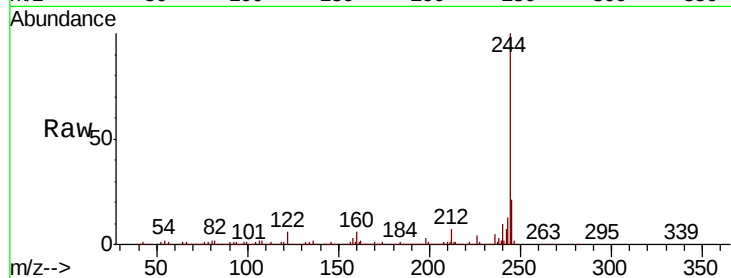
Tot Ion:244 Resp: 768622

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

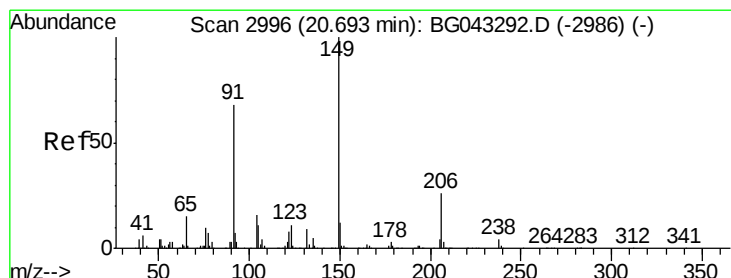
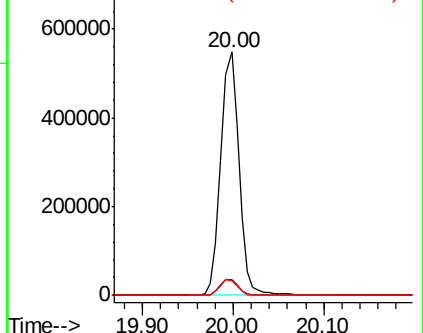
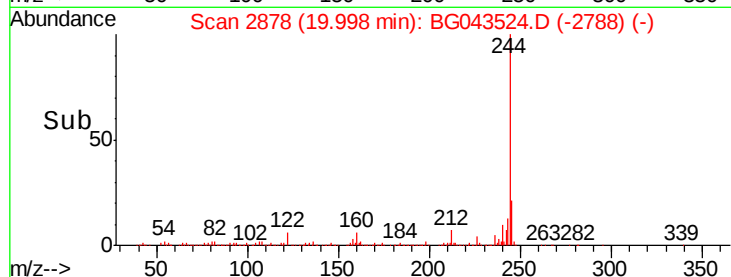
122 6.2 5.4 8.2



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: 37.501 ng

RT: 20.69 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

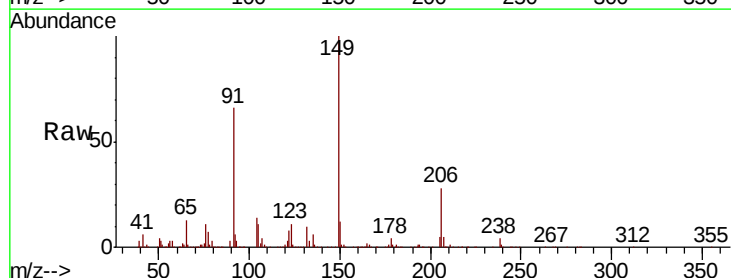
Tgt Ion:149 Resp: 215571

Ion Ratio Lower Upper

149 100

91 65.7 51.2 76.8

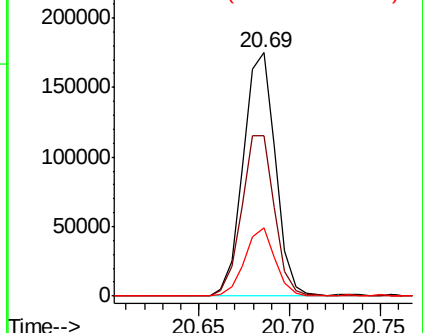
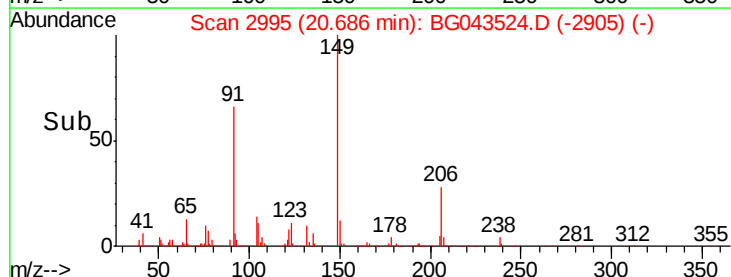
206 28.0 22.5 33.7

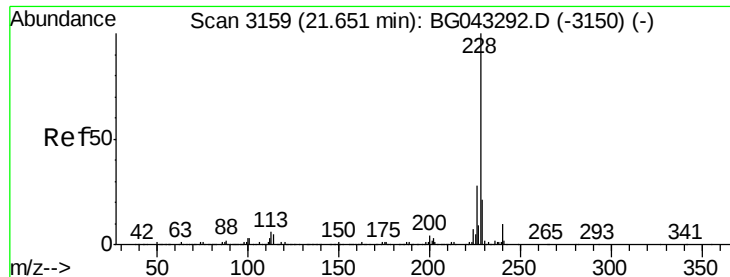


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

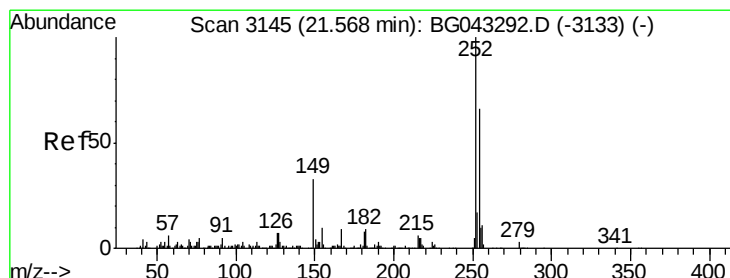
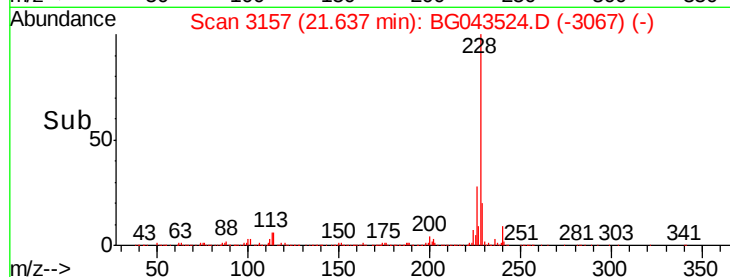
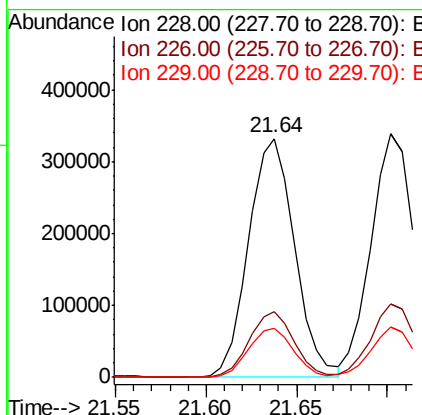
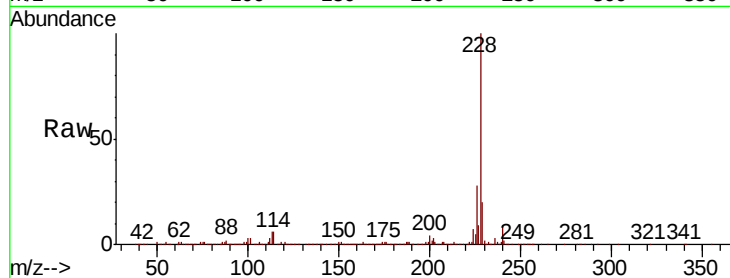




#81
Benzo(a)anthracene
Concen: 38.295 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BG043524.D
Acq: 6 Nov 2019 17:35

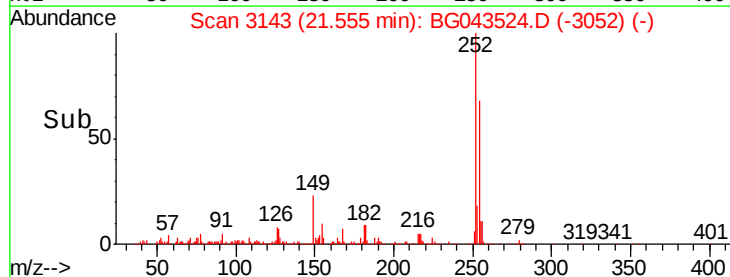
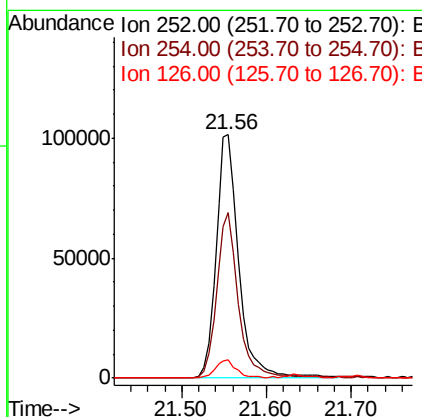
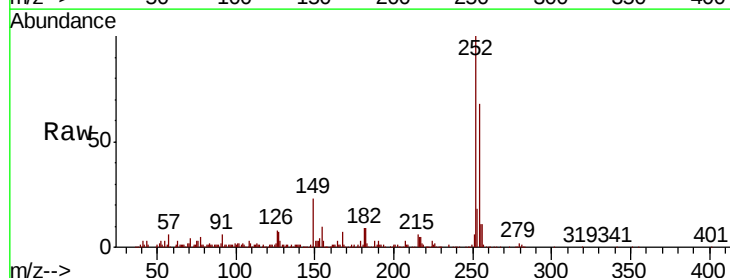
Instrument :
BNA_G
ClientSampled :

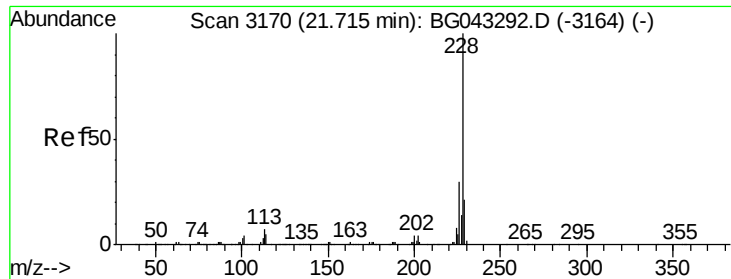
Tot Ion:228 Resp: 587989
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.2
229 20.3 17.0 25.4



#82
3,3'-Dichlorobenzidine
Concen: 32.052 ng
RT: 21.56 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BG043524.D
Acq: 6 Nov 2019 17:35

Tgt Ion:252 Resp: 190352
Ion Ratio Lower Upper
252 100
254 68.0 50.8 76.2
126 7.7 6.1 9.1

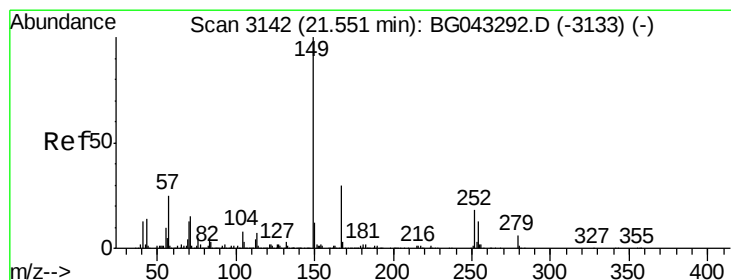
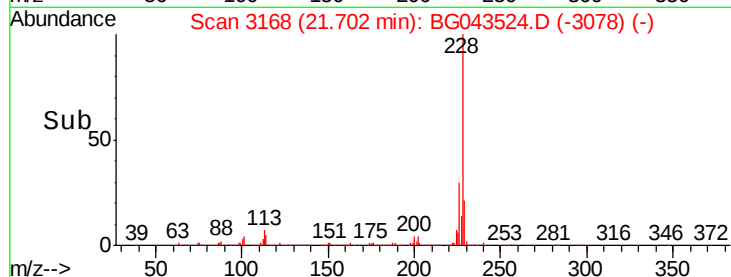
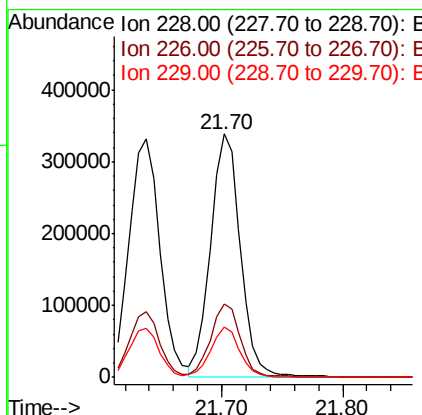
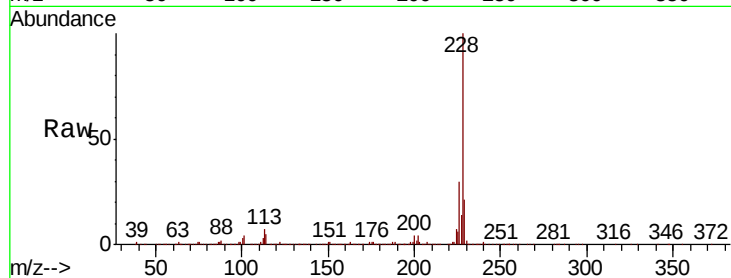




#83
 Chrysene
 Concen: 37.634 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.00 min
 Lab File: BG043524.D
 Acq: 6 Nov 2019 17:35

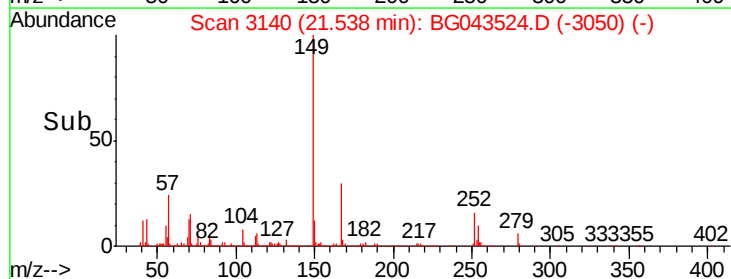
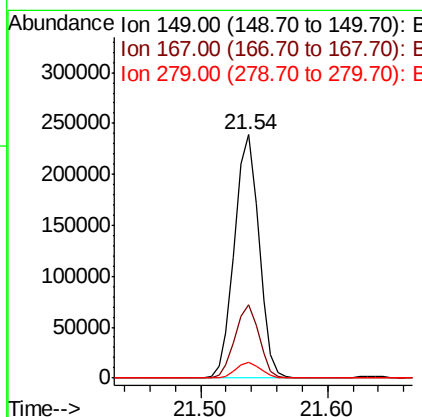
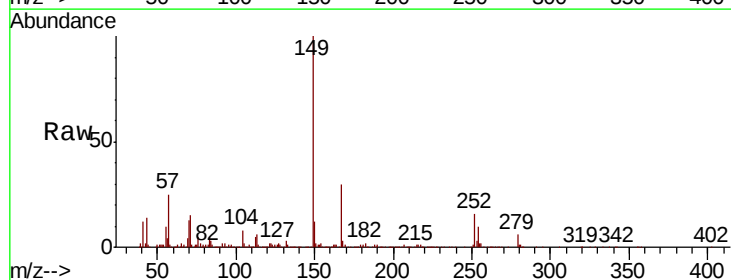
Instrument :
 BNA_G
 ClientSampleId :

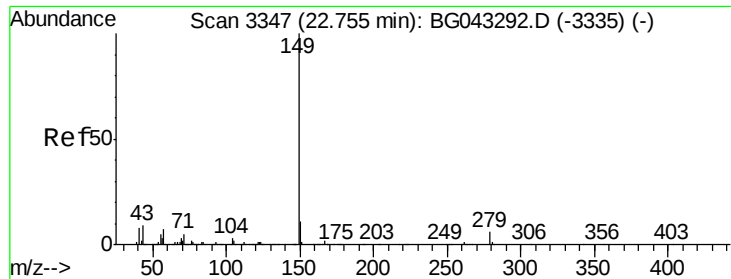
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.1	37.7
229	20.5	17.0	25.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.924 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.00 min
 Lab File: BG043524.D
 Acq: 6 Nov 2019 17:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.2	24.0	36.0
279	6.4	5.4	8.2





#85

Di-n-octyl phthalate

Concen: 40.318 ng

RT: 22.74 min Scan# 3344

Delta R.T. -0.00 min

Lab File: BG043524.D

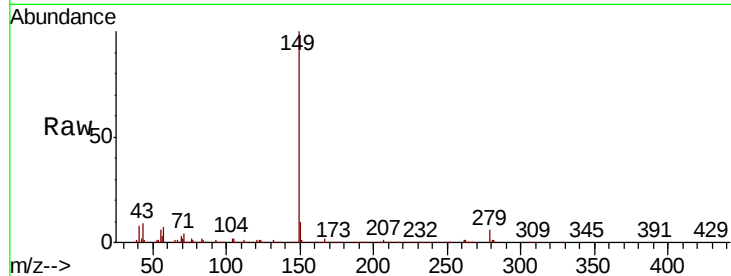
Acq: 6 Nov 2019 17:35

Instrument :

BNA_G

ClientSampleId :

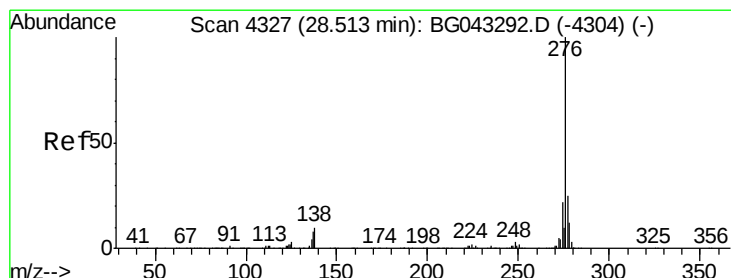
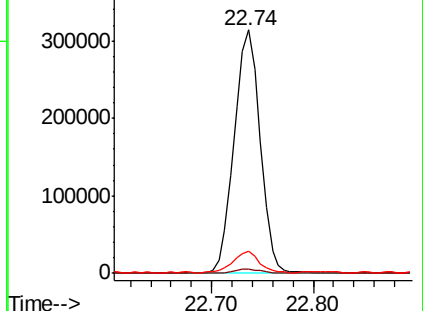
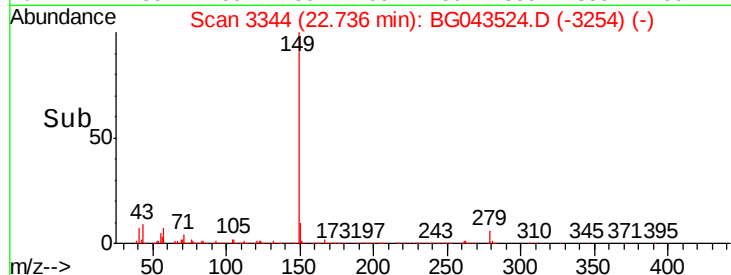
Tot Ion:149	Resp:	558557
Ion Ratio	Lower	Upper
149	100	
167	1.9	1.4 2.2
43	8.4	7.0 10.6



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: 39.601 ng

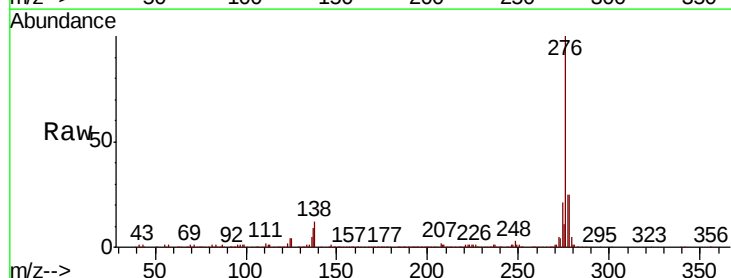
RT: 28.50 min Scan# 4325

Delta R.T. 0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

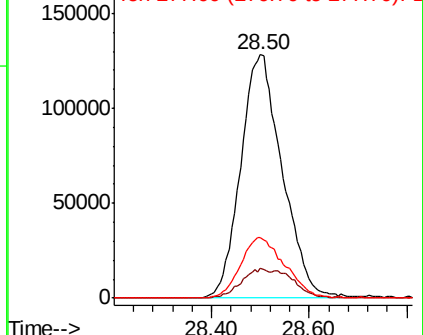
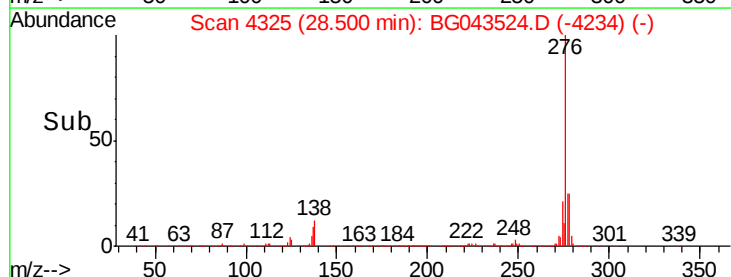
Tgt Ion:276	Resp:	758343
Ion Ratio	Lower	Upper
276	100	
138	7.9	6.8 10.2
277	26.4	20.9 31.3

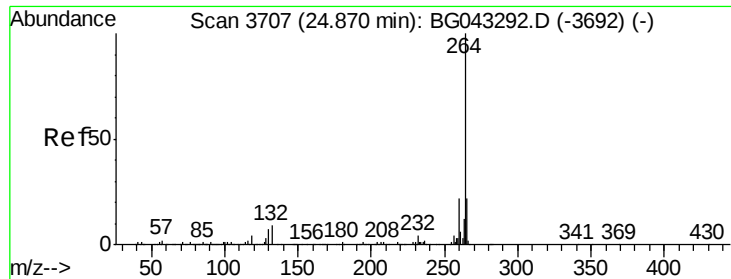


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

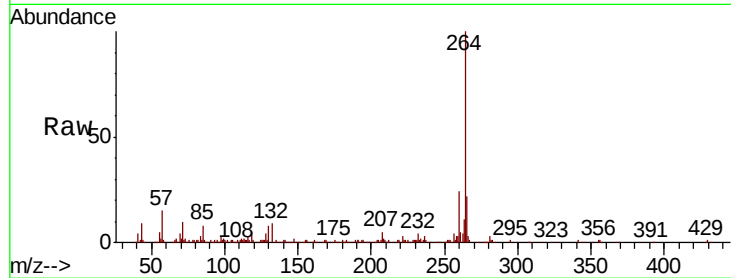
Instrument :

BNA_G

ClientSampled :

Tot Ion:264 Resp: 226857

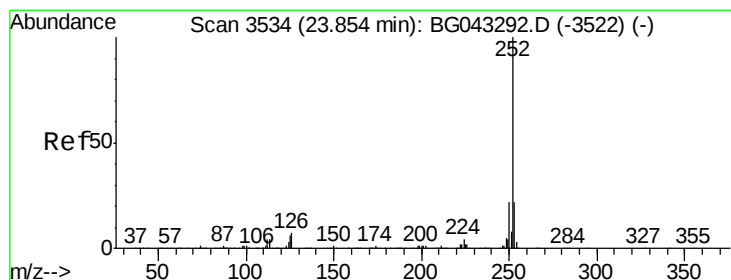
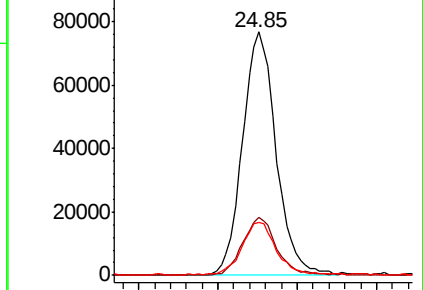
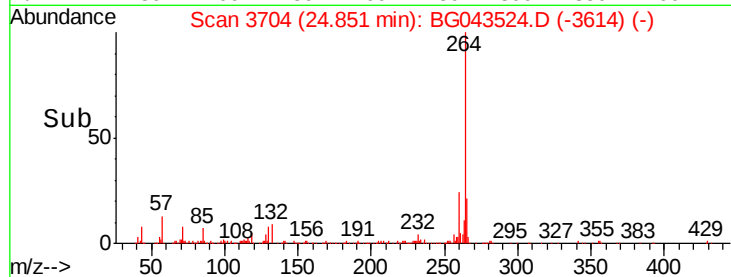
Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.5	26.3
265	21.6	17.4	26.0



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: 48.789 ng

RT: 23.84 min Scan# 3532

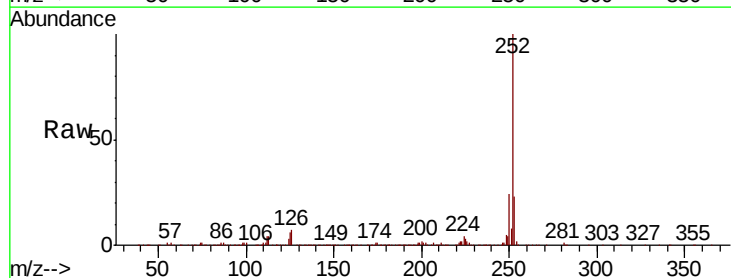
Delta R.T. -0.00 min

Lab File: BG043524.D

Acq: 6 Nov 2019 17:35

Tgt Ion:252 Resp: 626868

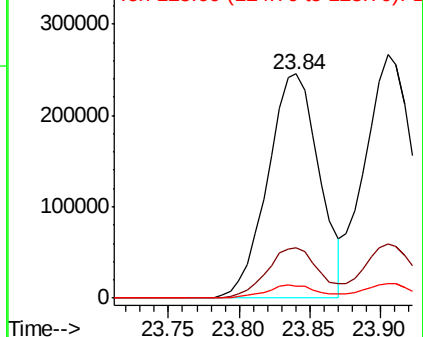
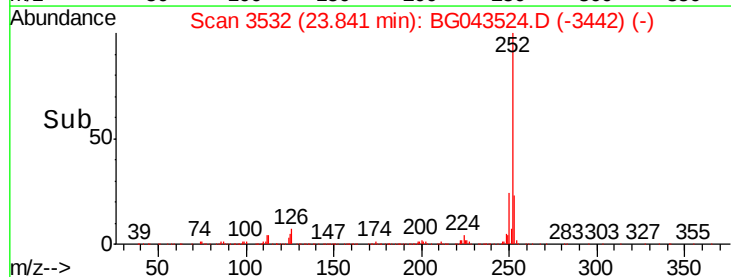
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	5.6	4.5	6.7

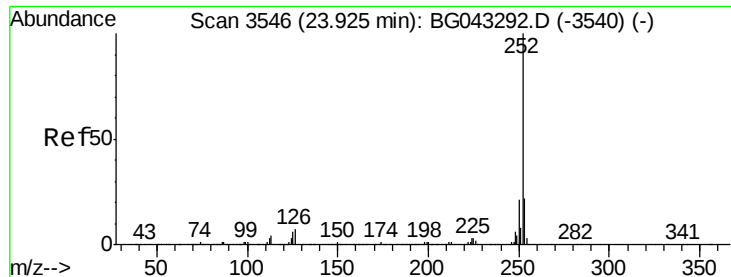


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

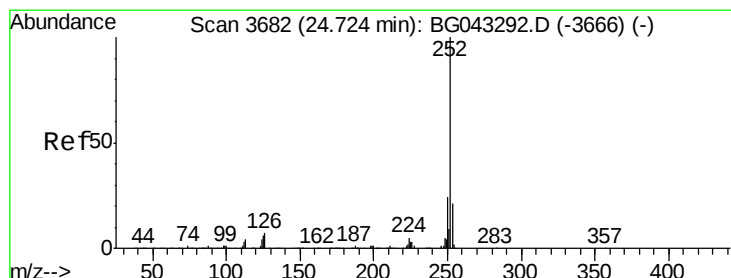
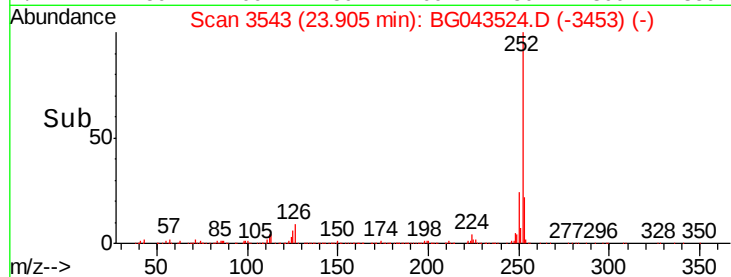
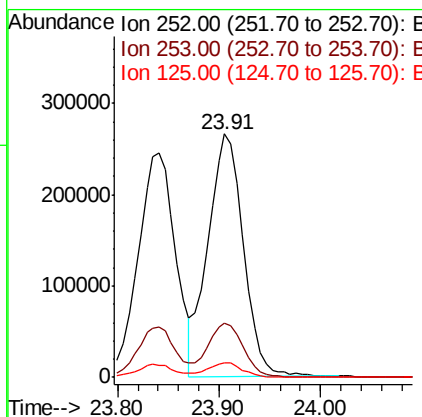
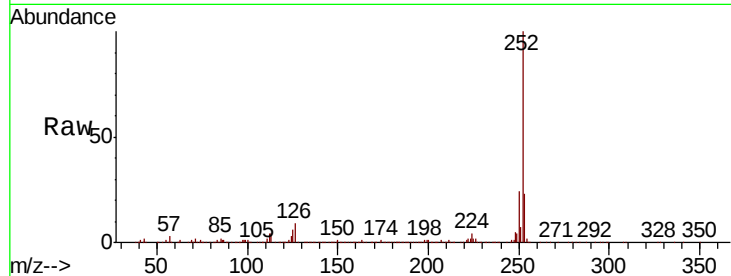




#89
Benzo(k)fluoranthene
Concen: 49.778 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.00 min
Lab File: BG043524.D
Acq: 6 Nov 2019 17:35

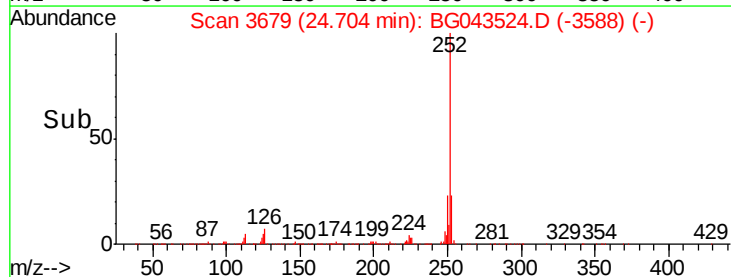
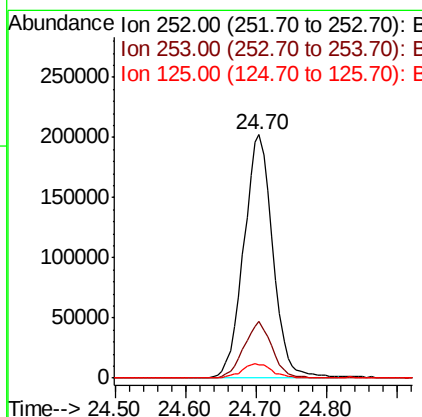
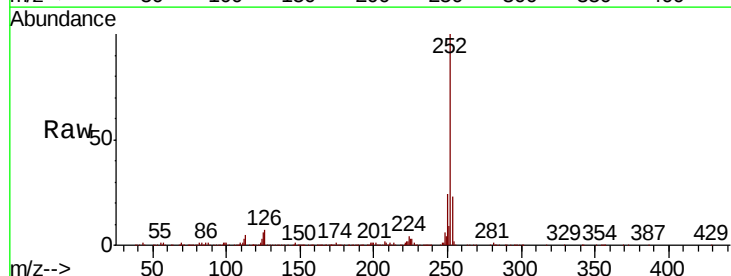
Instrument :
BNA_G
ClientSampleId :

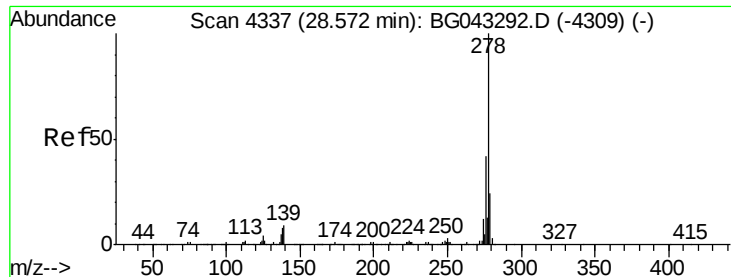
Tot Ion:252 Resp: 643861
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 6.2 4.6 6.8



#90
Benzo(a)pyrene
Concen: 47.277 ng
RT: 24.70 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG043524.D
Acq: 6 Nov 2019 17:35

Tgt Ion:252 Resp: 580057
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 5.6 5.4 8.2

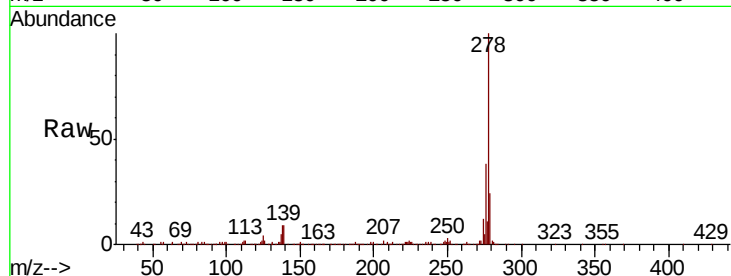




#91
Dibenzo(a,h)anthracene
Concen: 52.560 ng
RT: 28.55 min Scan# 4334
Delta R.T. -0.00 min
Lab File: BG043524.D
Acq: 6 Nov 2019 17:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.6	7.4	11.0
279	23.7	19.1	28.7

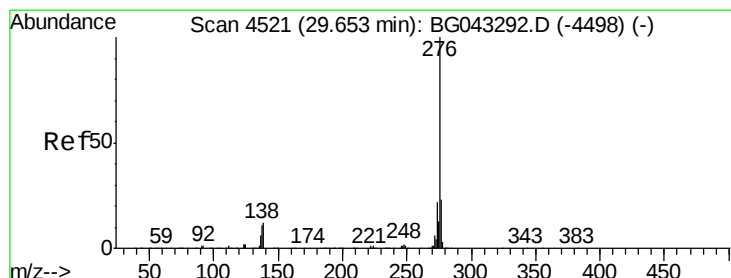
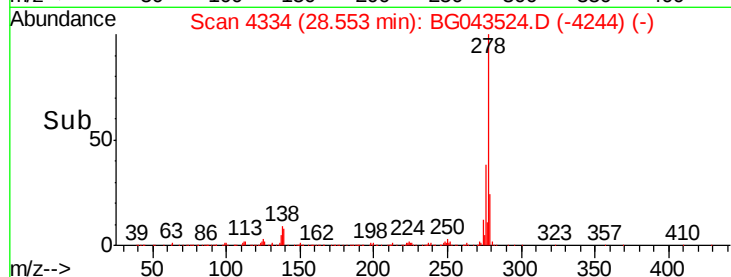
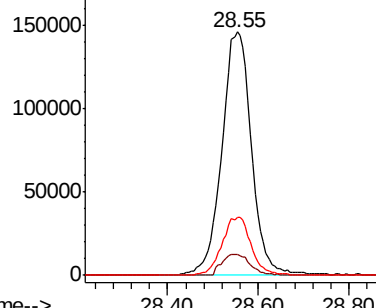


Abundance

Ion 278.00 (277.70 to 278.70): E

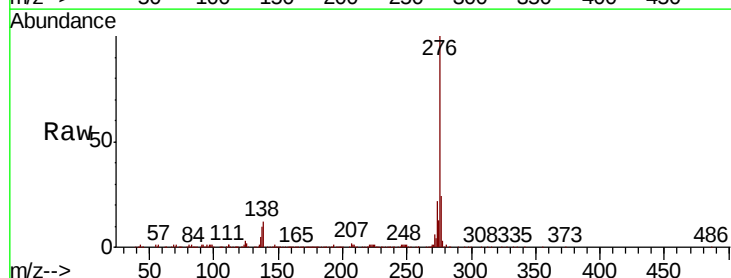
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 51.560 ng
RT: 29.63 min Scan# 4518
Delta R.T. 0.00 min
Lab File: BG043524.D
Acq: 6 Nov 2019 17:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.9	28.3
138	12.4	8.9	13.3



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

