

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
 Data File : BG043040.D
 Acq On : 4 Oct 2019 22:44
 Operator : JU
 Sample : K5154-13MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 05 04:53:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	79561	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	298771	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	217632	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	496593	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	531712	20.00	ng	-0.02
87) Perylene-d12	24.91	264	631792	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	341699	76.65	ng	-0.01
7) Phenol-d6	7.23	99	313724	48.87	ng	-0.01
23) Nitrobenzene-d5	9.23	82	464642	75.59	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	430977	115.16	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1072393	71.43	ng	-0.02
79) Terphenyl-d14	20.03	244	1941299	77.80	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	63309	34.060	ng	91
3) Pyridine	3.94	79	117659	22.506	ng	88
4) n-Nitrosodimethylamine	3.86	42	60756	24.167	ng	# 85
6) Aniline	7.39	93	214514	27.680	ng	98
8) 2-Chlorophenol	7.63	128	193220	41.559	ng	95
9) Benzaldehyde	7.20	77	140455	35.802	ng	94
10) Phenol	7.26	94	141887	24.089	ng	95
11) bis(2-Chloroethyl)ether	7.48	93	167367	36.725	ng	97
12) 1,3-Dichlorobenzene	7.95	146	192512	32.459	ng	99
13) 1,4-Dichlorobenzene	8.10	146	198048	33.497	ng	98
14) 1,2-Dichlorobenzene	8.42	146	186916	33.206	ng	98
15) Benzyl Alcohol	8.30	79	174488	36.150	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	261969	29.932	ng	97
17) 2-Methylphenol	8.51	107	154718	37.540	ng	94
18) Hexachloroethane	9.15	117	67976	30.528	ng	94
19) n-Nitroso-di-n-propylamine	8.87	70	151598	35.962	ng	94
20) 3+4-Methylphenols	8.84	107	189916	33.625	ng	92
22) Acetophenone	8.88	105	296860	38.546	ng	95
24) Nitrobenzene	9.27	77	233197	39.773	ng	97
25) Isophorone	9.79	82	434688	40.259	ng	98
26) 2-Nitrophenol	9.98	139	118334	47.410	ng	96
27) 2,4-Dimethylphenol	10.04	122	191814	50.042	ng	96
28) bis(2-Chloroethoxy)methane	10.27	93	240792	39.307	ng	99
29) 2,4-Dichlorophenol	10.52	162	214655	45.027	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	224659	36.493	ng	98
31) Naphthalene	10.92	128	574700	39.076	ng	99
32) Benzoic acid	10.15	122	44149	18.157	ng	88
33) 4-Chloroaniline	11.02	127	125544	19.672	ng	98
34) Hexachlorobutadiene	11.21	225	152778	33.144	ng	98
35) Caprolactam	11.80	113	14409	8.571	ng	# 63
36) 4-Chloro-3-methylphenol	12.15	107	225908	43.584	ng	97
37) 2-Methylnaphthalene	12.52	142	443642	39.541	ng	95
38) 1-Methylnaphthalene	12.73	142	419655	39.528	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	293737	35.897	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	371823	71.316	ng	93
43) 2,4,6-Trichlorophenol	13.12	196	200164	41.793	ng	97
44) 2,4,5-Trichlorophenol	13.19	196	210187	42.601	ng	99
46) 1,1'-Biphenyl	13.52	154	608685	36.881	ng	99
47) 2-Chloronaphthalene	13.56	162	475551	38.432	ng	99
48) 2-Nitroaniline	13.76	65	156031	37.919	ng	92
49) Acenaphthylene	14.41	152	753382	39.790	ng	99
50) Dimethylphthalate	14.14	163	802587	49.219	ng	99
51) 2,6-Dinitrotoluene	14.25	165	146775	42.267	ng	89
52) Acenaphthene	14.75	154	469813	37.071	ng	97
53) 3-Nitroaniline	14.58	138	78632	21.911	ng	95
54) 2,4-Dinitrophenol	14.79	184	182882	84.727	ng	92
55) Dibenzofuran	15.08	168	734690	39.189	ng	98
56) 4-Nitrophenol	14.90	139	114007	41.694	ng	98
57) 2,4-Dinitrotoluene	15.04	165	200257	39.380	ng	93
58) Fluorene	15.73	166	612658	38.277	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.31	232	210212	40.015	ng	# 99
60) Diethylphthalate	15.50	149	617935	37.236	ng	98
61) 4-Chlorophenyl-phenylether	15.72	204	357460	37.238	ng	99
62) 4-Nitroaniline	15.75	138	143489	36.661	ng	98
63) Azobenzene	16.01	77	543946	36.002	ng	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	130378	46.397	ng	90
66) n-Nitrosodiphenylamine	15.94	169	547308	41.749	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	256111	41.091	ng	98
68) Hexachlorobenzene	16.73	284	277892	40.044	ng	98
69) Atrazine	16.88	200	206645	37.434	ng	93
70) Pentachlorophenol	17.08	266	341228	85.214	ng	99
71) Phenanthrene	17.47	178	961826	39.673	ng	97
72) Anthracene	17.56	178	986069	40.742	ng	100
73) Carbazole	17.83	167	892030	39.745	ng	99
74) Di-n-butylphthalate	18.39	149	1015180	37.911	ng	99
75) Fluoranthene	19.47	202	1209850	37.729	ng	99
77) Benzidine	19.65	184	714496	53.667	ng	99
78) Pyrene	19.84	202	1242232	39.143	ng	99
80) Butylbenzylphthalate	20.72	149	480796	39.913	ng	99
81) Benzo(a)anthracene	21.68	228	1286286	38.825	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	278927	21.466	ng	96
83) Chrysene	21.74	228	1242727	38.653	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	692136	40.379	ng	97
85) Di-n-octyl phthalate	22.79	149	1168933	41.704	ng	97
86) Indeno(1,2,3-cd)pyrene	28.59	276	1660528	41.487	ng	# 98
88) Benzo(b)fluoranthene	23.90	252	1373537	38.422	ng	99
89) Benzo(k)fluoranthene	23.96	252	1363190	38.546	ng	99
90) Benzo(a)pyrene	24.76	252	1358574	40.281	ng	98
91) Dibenzo(a,h)anthracene	28.65	278	1402686	40.558	ng	99
92) Benzo(g,h,i)perylene	29.72	276	1371310	40.923	ng	98

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

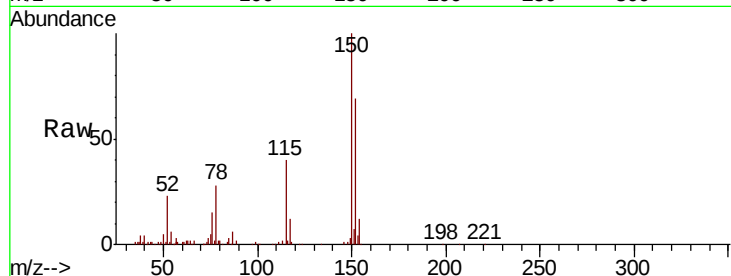


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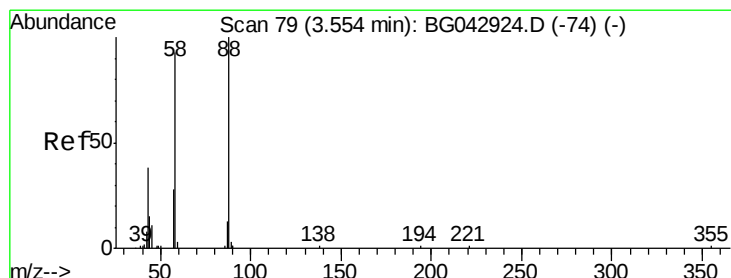
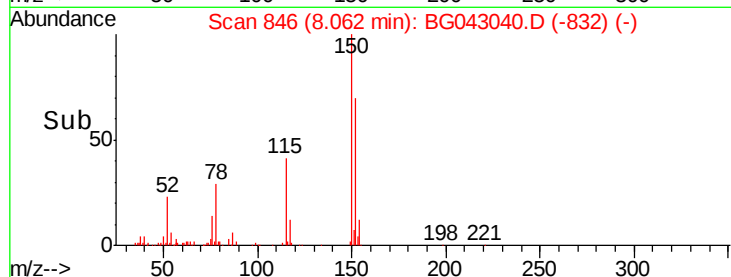
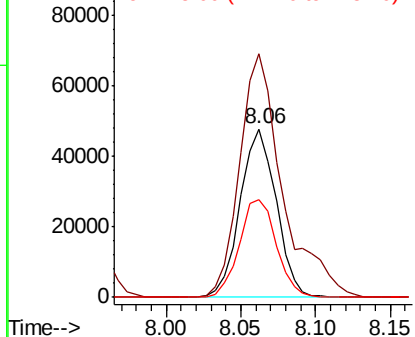
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 79561
Ion Ratio Lower Upper
152 100
150 144.4 115.0 172.4
115 58.1 47.0 70.6



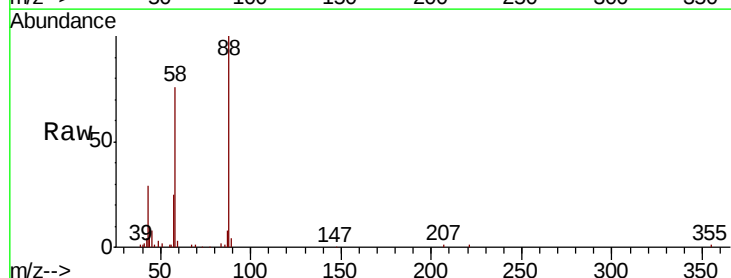
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



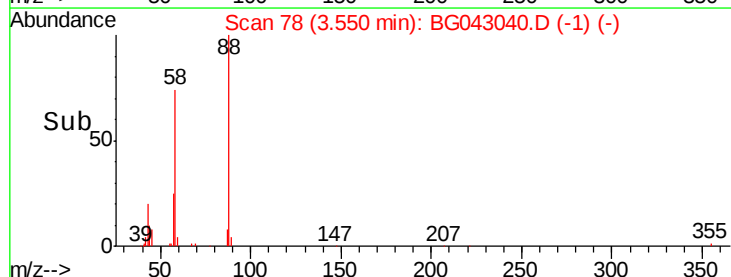
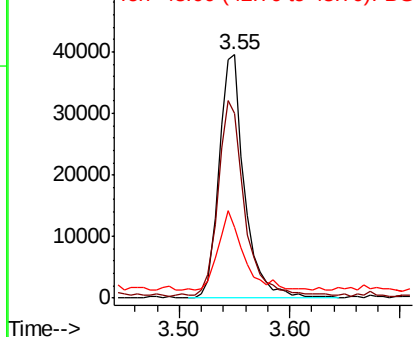
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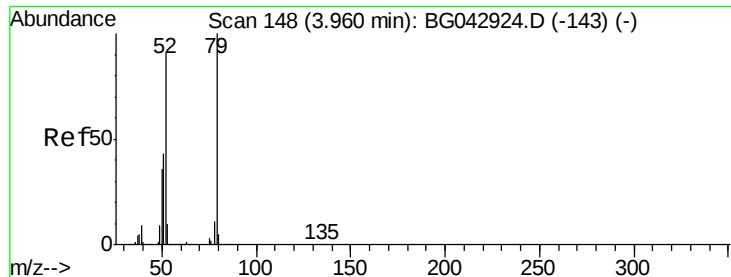
1,4-Dioxane
Concen: 34.060 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.00 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion: 88 Resp: 63309
Ion Ratio Lower Upper
88 100
58 84.8 74.3 111.5
43 31.6 29.8 44.8



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





#3

Pvridine

Concen: 22.506 ng

RT: 3.94 min Scan# 145

Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Instrument :

BNA_G

ClientSampleId :

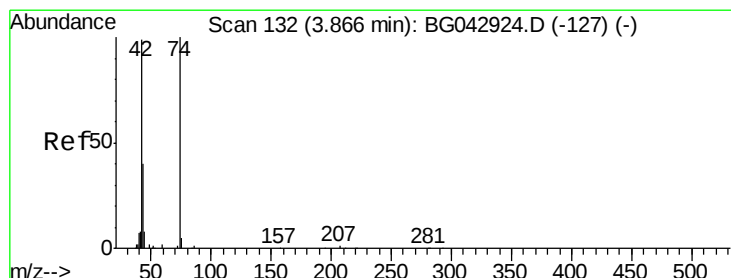
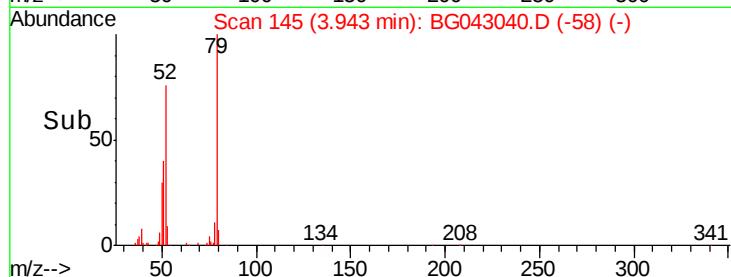
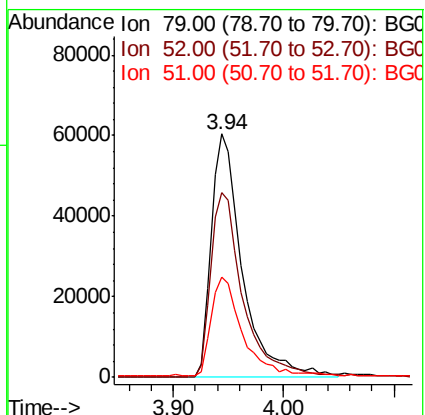
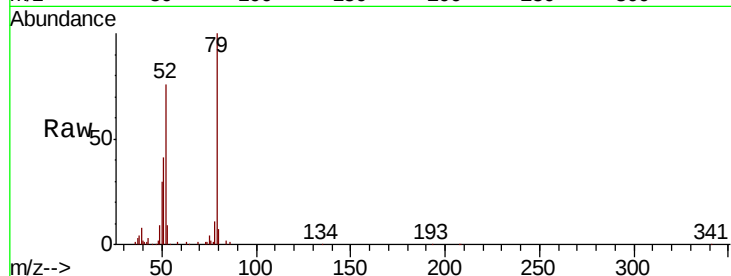
Tot Ion: 79 Resp: 117659

Ion Ratio Lower Upper

79 100

52 76.0 73.0 109.4

51 41.0 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 24.167 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.00 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

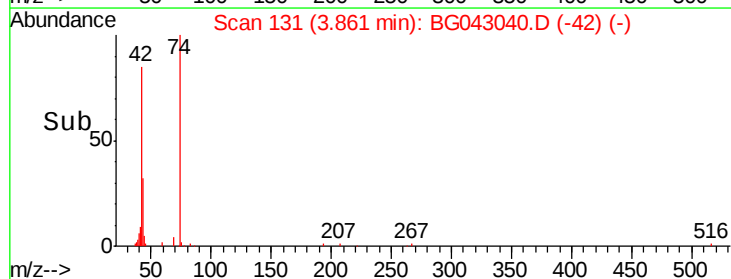
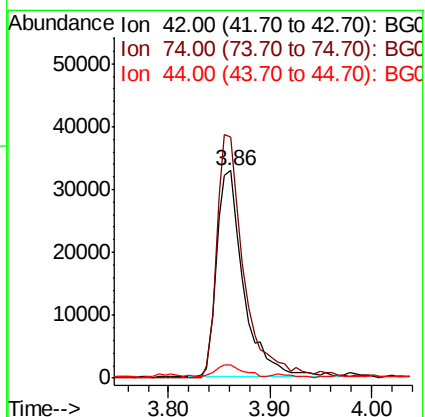
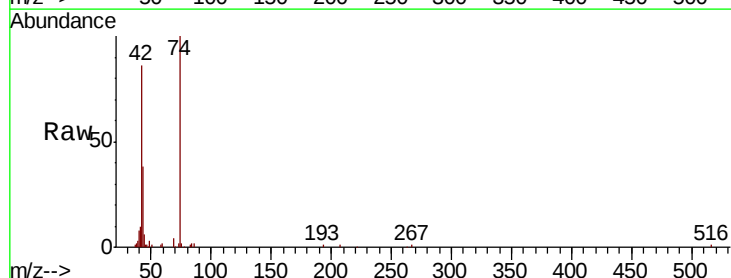
Tgt Ion: 42 Resp: 60756

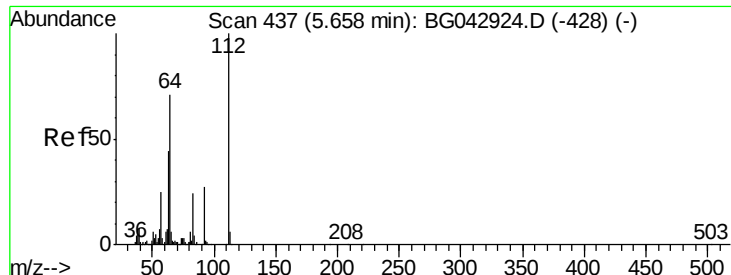
Ion Ratio Lower Upper

42 100

74 116.1 80.5 120.7

44 6.7 6.9 10.3#





#5

2-Fluorophenol

Concen: 76.646 ng

RT: 5.65 min Scan# 435

Delta R.T. -0.01 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Instrument :

BNA_G

ClientSampleId :

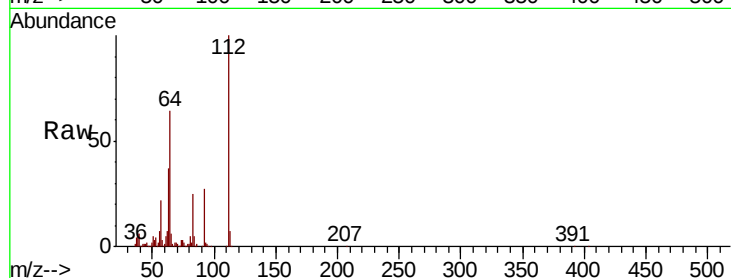
Tot Ion:112 Resp: 341699

Ion Ratio Lower Upper

112 100

64 63.6 56.6 84.8

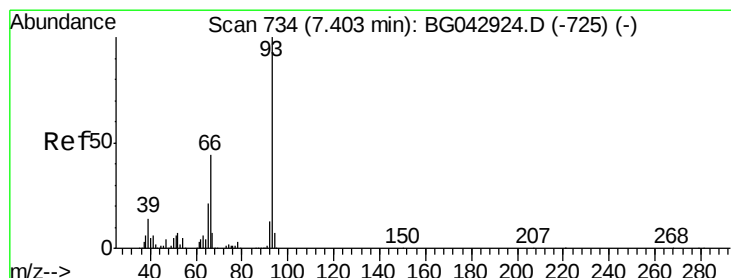
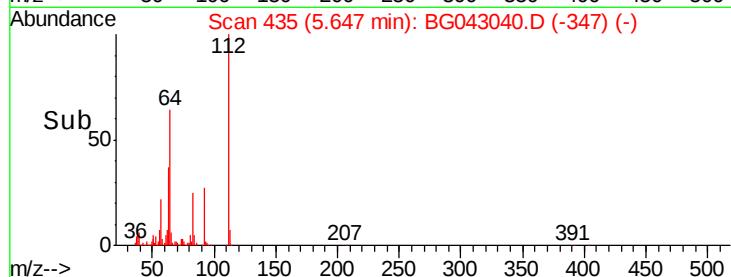
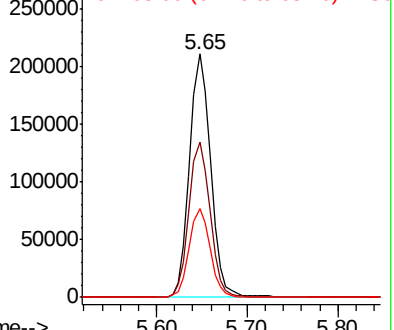
63 36.7 35.1 52.7



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: 27.680 ng

RT: 7.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

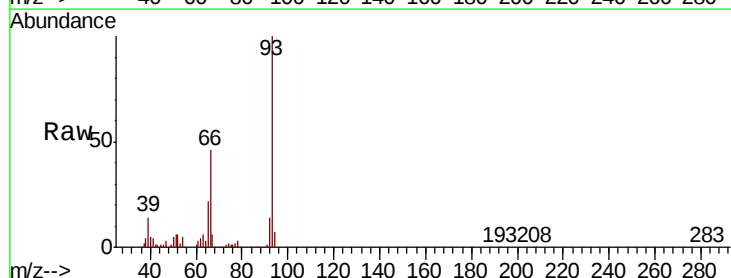
Tgt Ion: 93 Resp: 214514

Ion Ratio Lower Upper

93 100

66 45.6 35.0 52.6

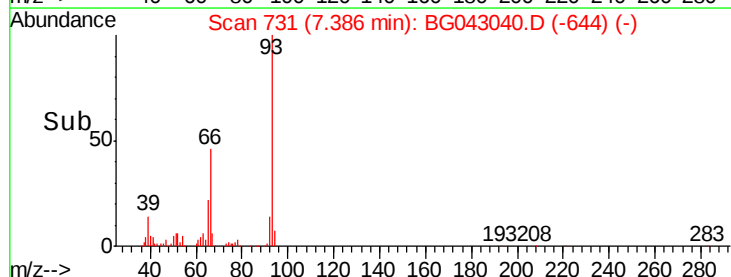
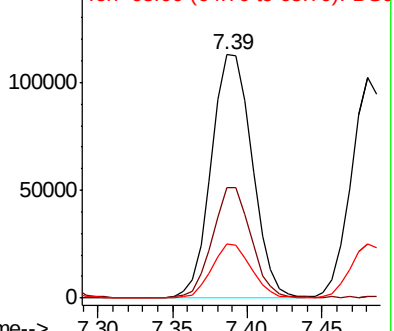
65 22.3 17.4 26.0

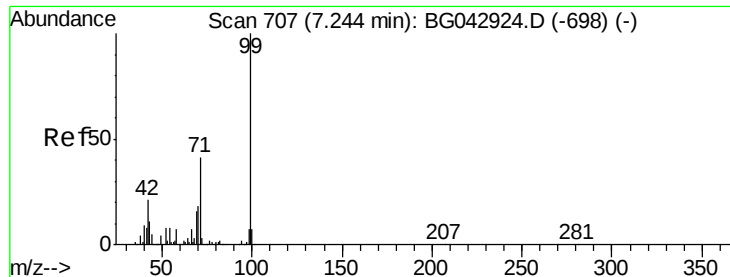


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 48.867 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Instrument :

BNA_G

ClientSampleId :

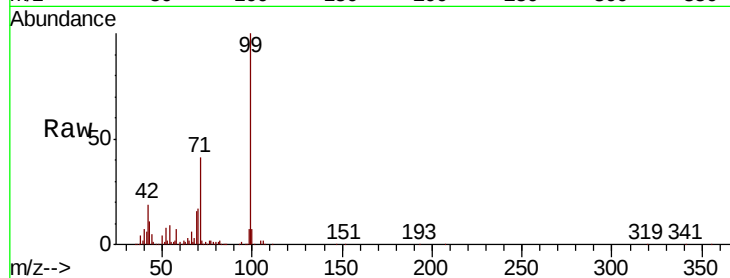
Tot Ion: 99 Resp: 313724

Ion Ratio Lower Upper

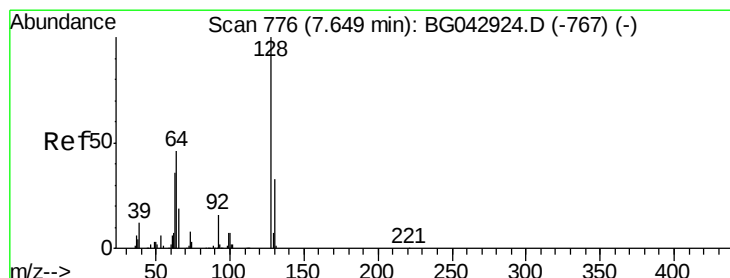
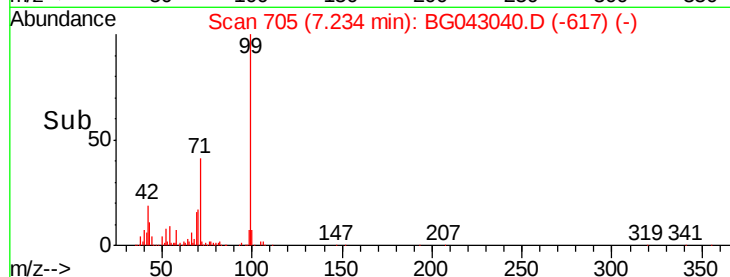
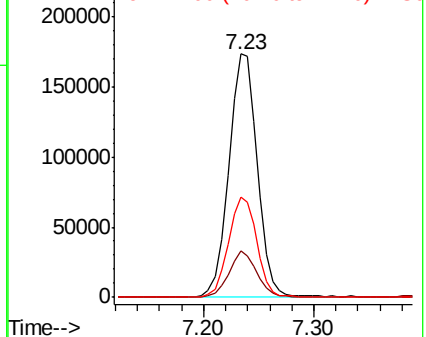
99 100

42 19.1 17.2 25.8

71 41.0 33.1 49.7



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: 41.559 ng

RT: 7.63 min Scan# 773

Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

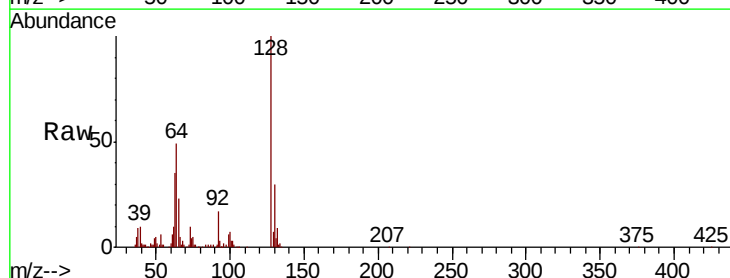
Tgt Ion: 128 Resp: 193220

Ion Ratio Lower Upper

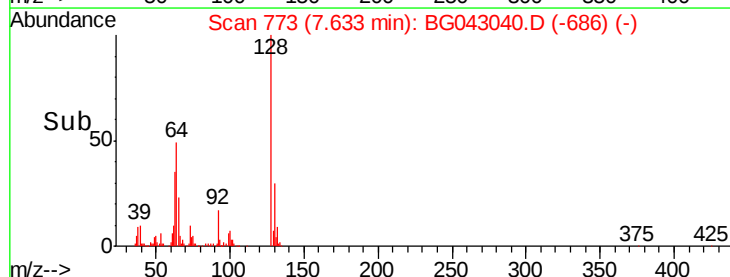
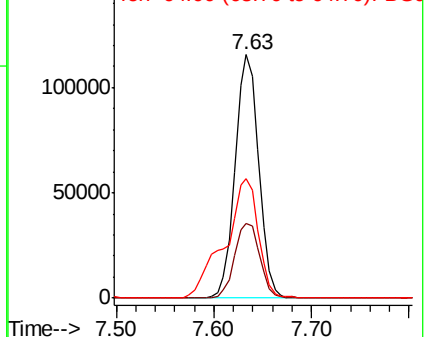
128 100

130 30.5 12.5 52.5

64 49.2 32.8 72.8



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





#9

Benzaldehyde

Concen: 35.802 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Instrument :

BNA_G

ClientSampleId :

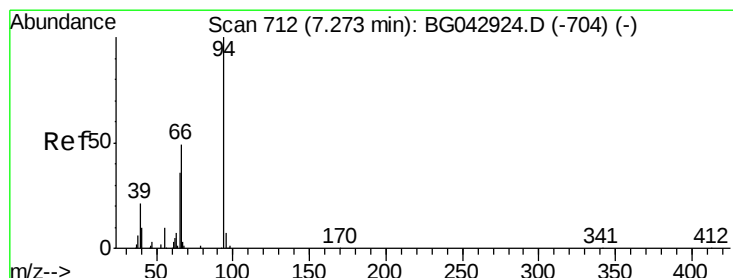
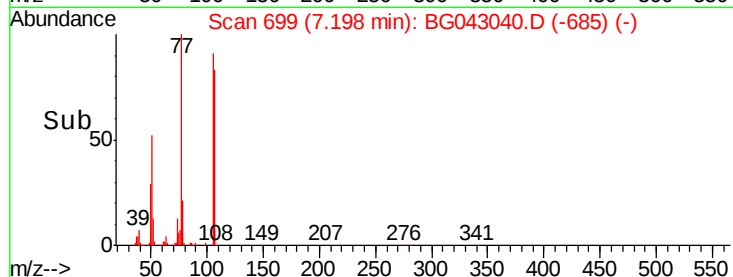
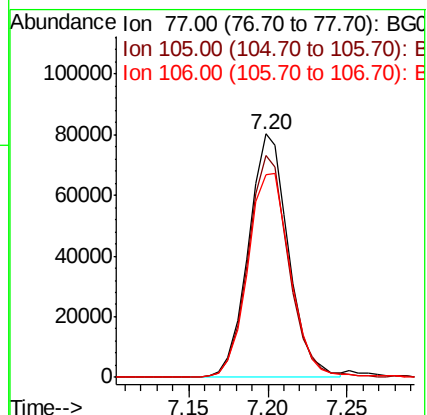
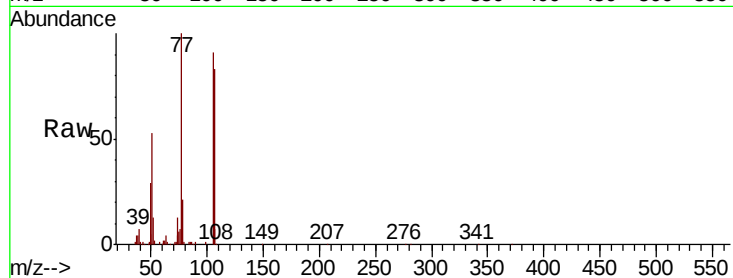
Tot Ion: 77 Resp: 140455

Ion Ratio Lower Upper

77 100

105 91.0 64.6 104.6

106 83.0 59.4 99.4



#10

Phenol

Concen: 24.089 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

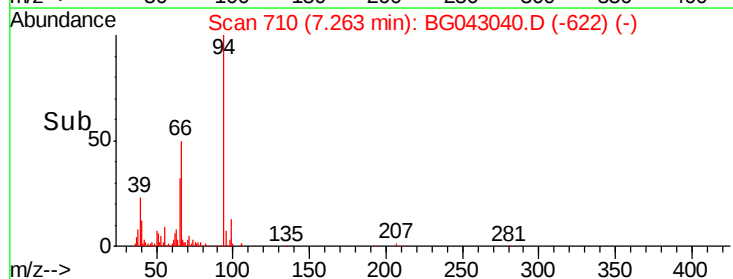
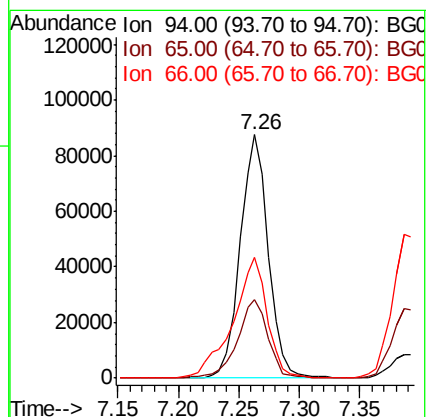
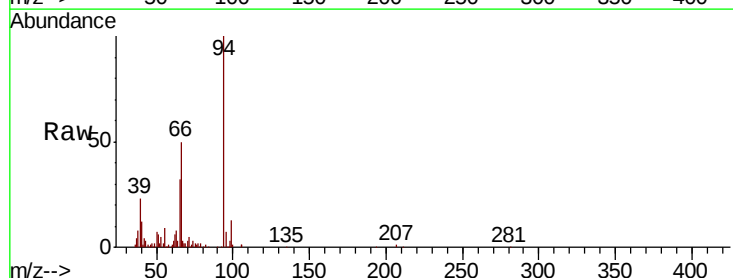
Tgt Ion: 94 Resp: 141887

Ion Ratio Lower Upper

94 100

65 32.1 16.6 56.6

66 49.7 32.4 72.4

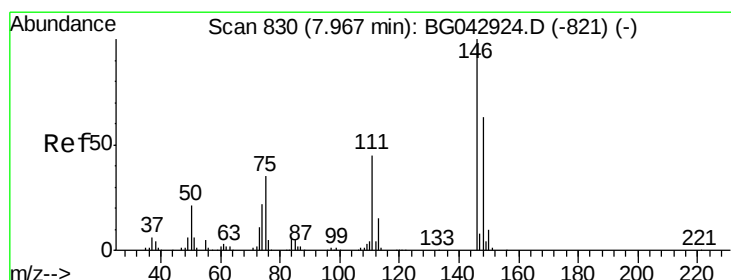
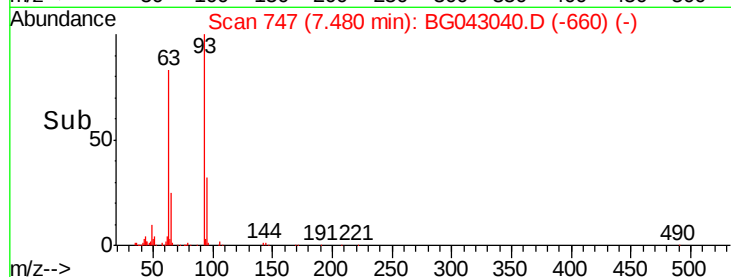
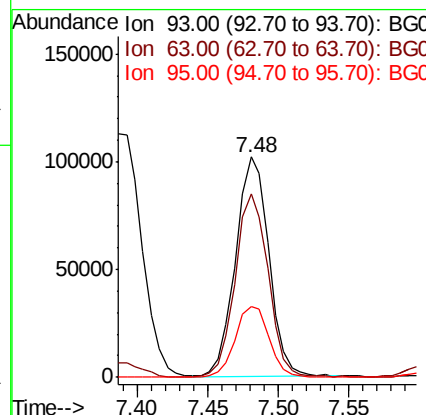
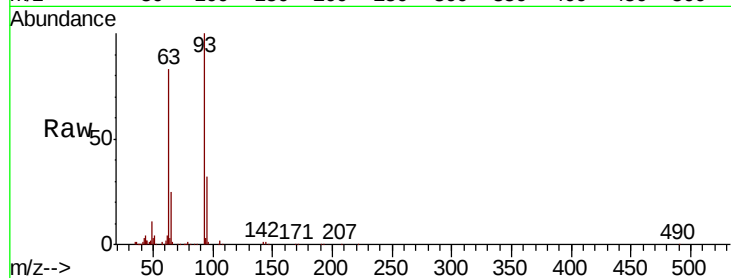




#11
bis(2-Chloroethyl)ether
Concen: 36.725 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

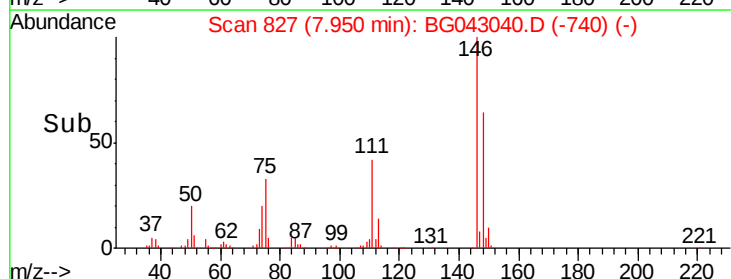
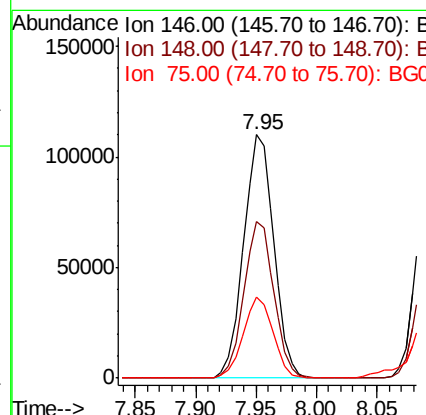
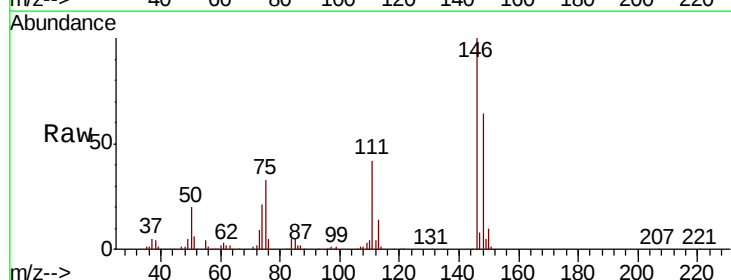
Instrument :
BNA_G
ClientSampled :

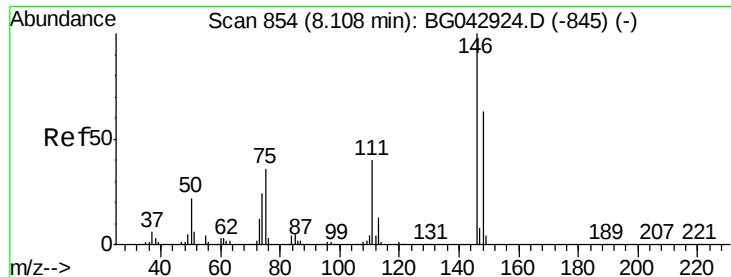
Tot Ion	Ratio	Lower	Upper
93	100		
63	83.2	67.4	107.4
95	32.0	11.9	51.9



#12
1,3-Dichlorobenzene
Concen: 32.459 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.7	76.1
75	33.2	27.7	41.5





#13

1,4-Dichlorobenzene

Concen: 33.497 ng

RT: 8.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Instrument :

BNA_G

ClientSampleId :

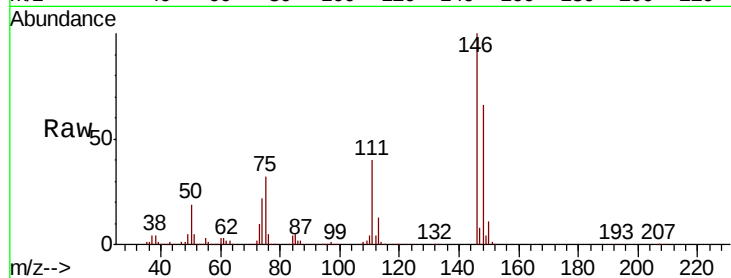
Tot Ion:146 Resp: 198048

Ion Ratio Lower Upper

146 100

148 65.6 50.9 76.3

111 40.4 31.8 47.8

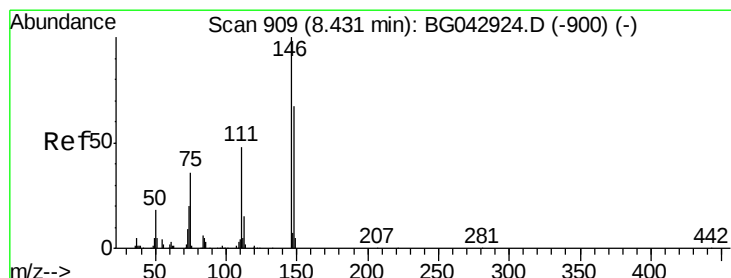
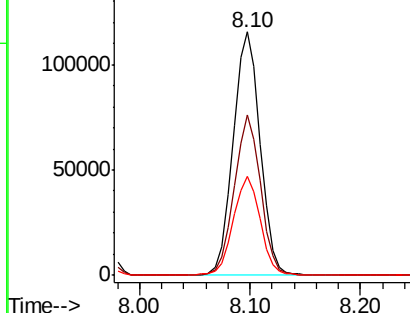
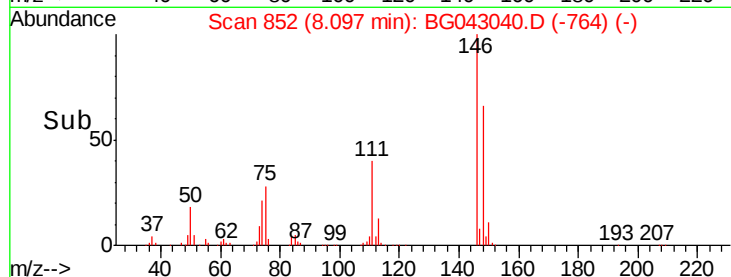


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 33.206 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

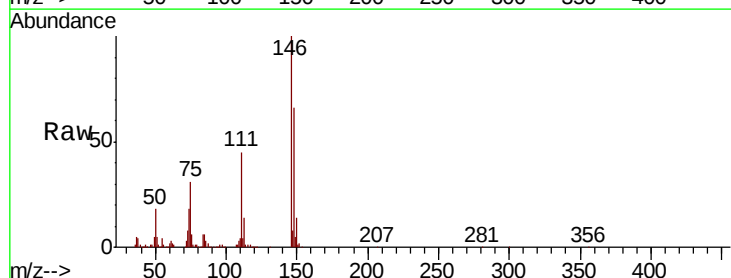
Tgt Ion:146 Resp: 186916

Ion Ratio Lower Upper

146 100

148 66.2 53.4 80.2

111 45.5 38.5 57.7

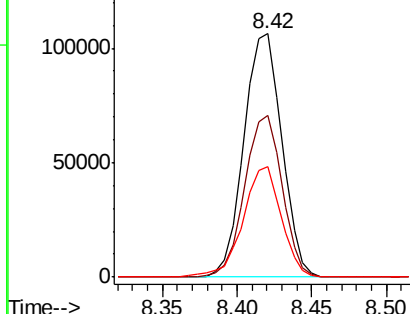
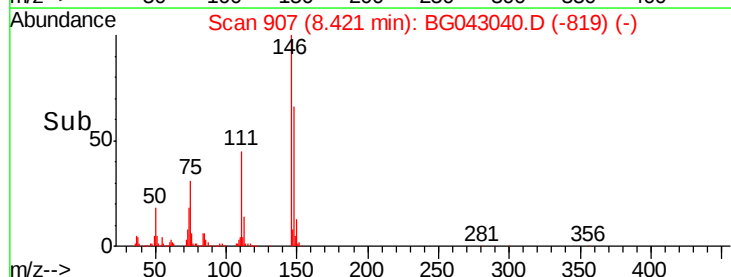


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.150 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Instrument :

BNA_G

ClientSampleId :

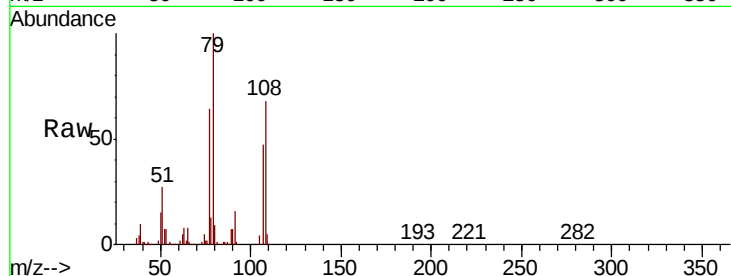
Tot Ion: 79 Resp: 174488

Ion Ratio Lower Upper

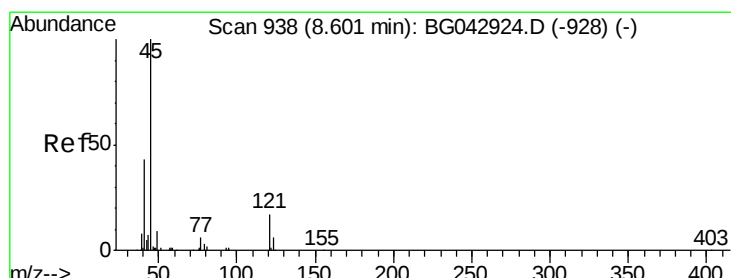
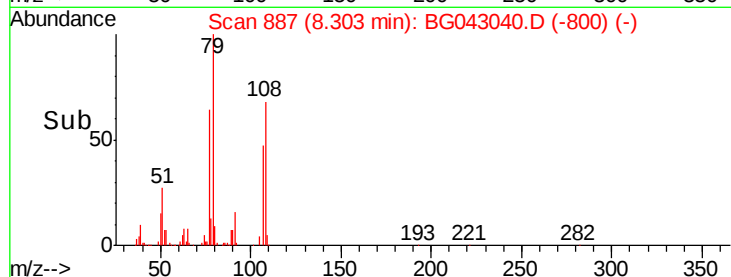
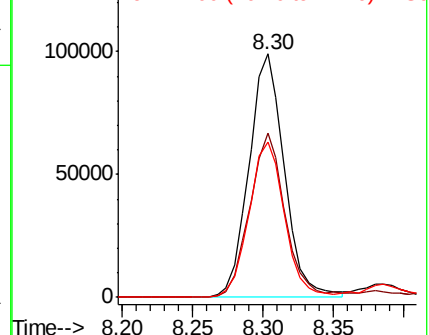
79 100

108 67.6 55.7 83.5

77 63.9 53.3 79.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.932 ng

RT: 8.59 min Scan# 935

Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

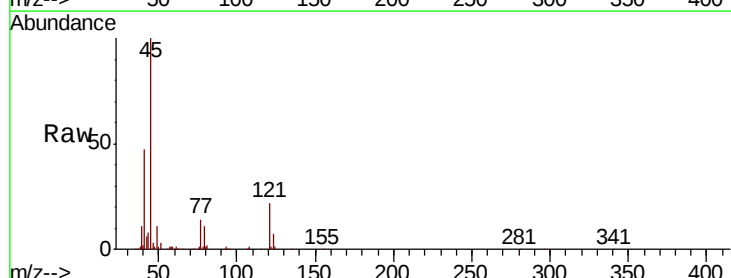
Tgt Ion: 45 Resp: 261969

Ion Ratio Lower Upper

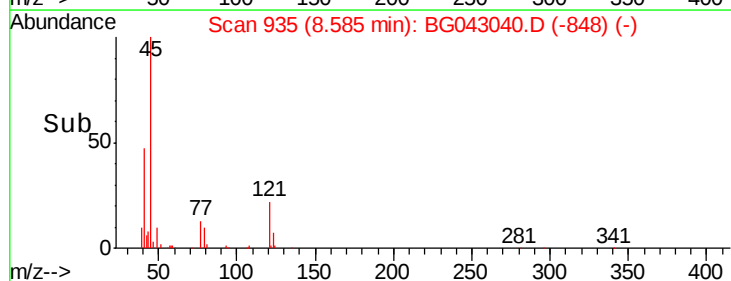
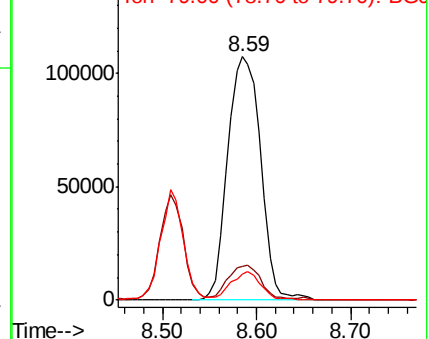
45 100

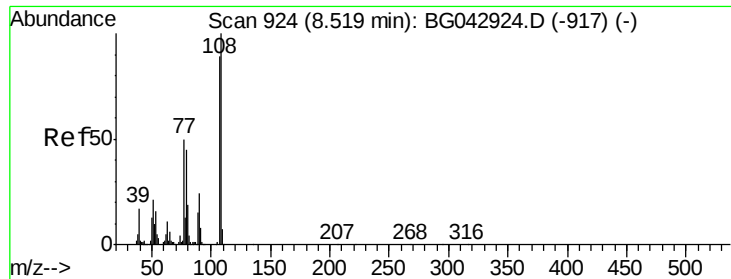
77 14.1 0.0 32.8

79 10.6 0.0 29.4



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





#17

2-Methylphenol

Concen: 37.540 ng

RT: 8.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 154718

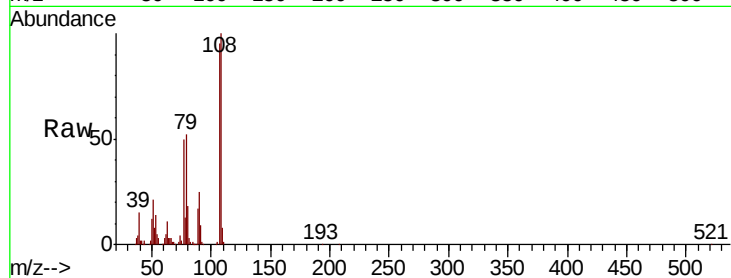
Ion Ratio Lower Upper

107 100

108 105.6 89.9 134.9

77 52.4 45.4 68.2

79 54.6 41.4 62.0



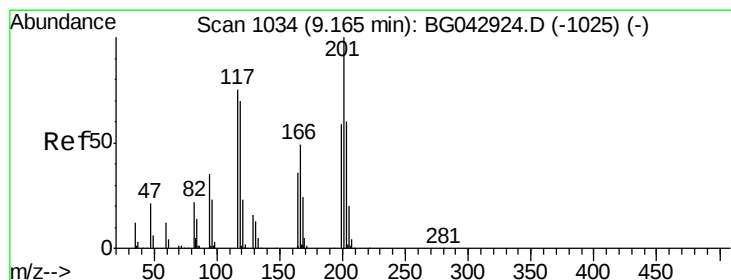
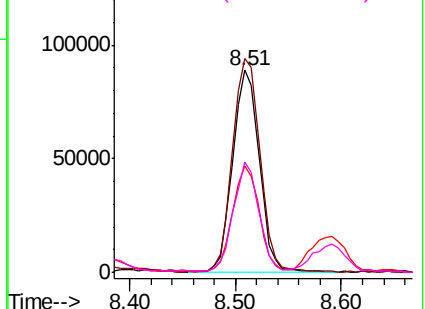
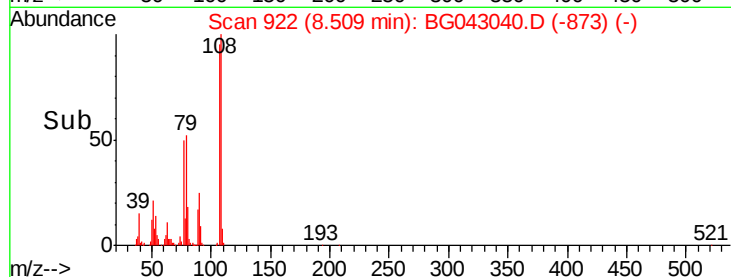
Abundance

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): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 30.528 ng

RT: 9.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

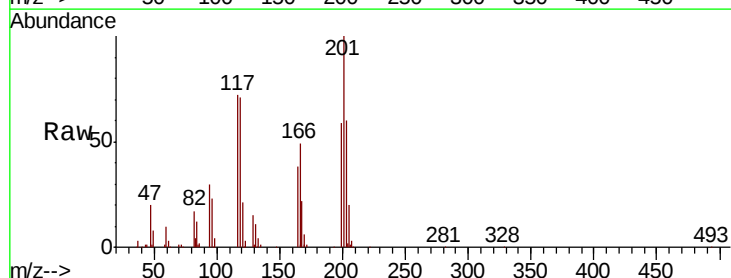
Tgt Ion:117 Resp: 67976

Ion Ratio Lower Upper

117 100

119 98.7 74.6 111.8

201 139.1 106.0 159.0

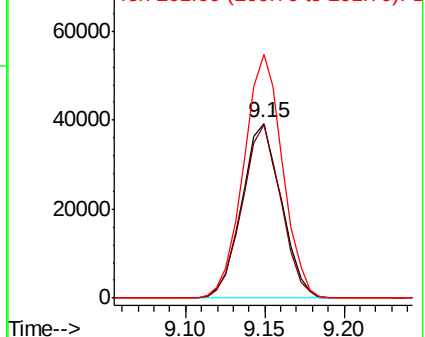
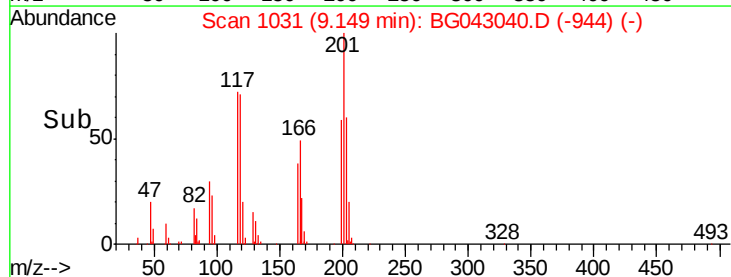


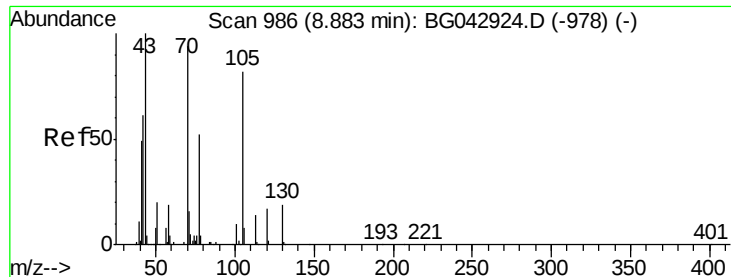
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

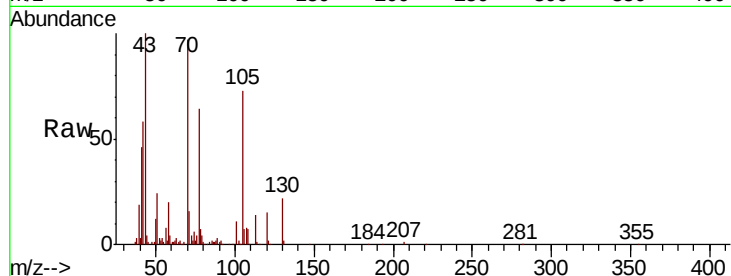




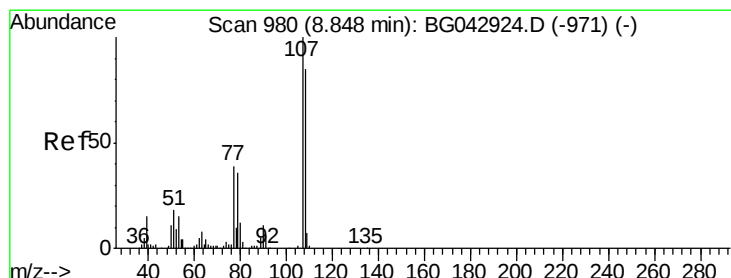
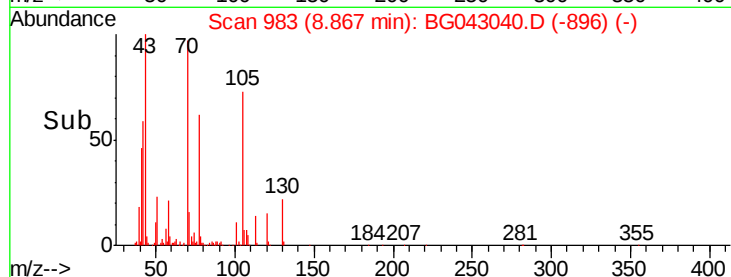
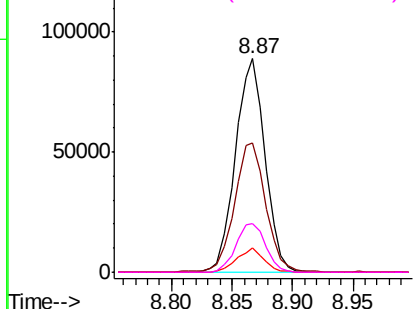
#19
 n-Nitroso-di-n-propylamine
 Concen: 35.962 ng
 RT: 8.87 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 70 Resp: 151598
 Ion Ratio Lower Upper
 70 100
 42 60.3 52.6 79.0
 101 11.4 8.7 13.1
 130 22.8 15.8 23.8

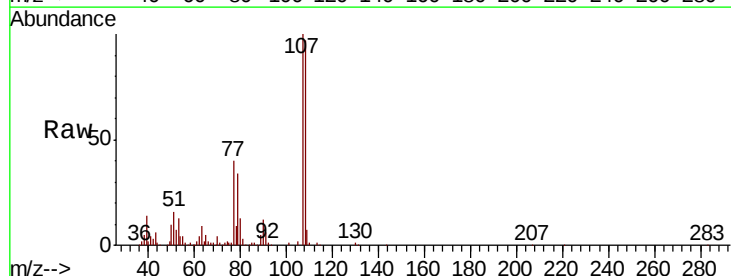


Abundance Ion 70.00 (69.70 to 70.70): BGC
 Ion 42.00 (41.70 to 42.70): BGC
 Ion 101.00 (100.70 to 101.70): BGC
 Ion 130.00 (129.70 to 130.70): BGC

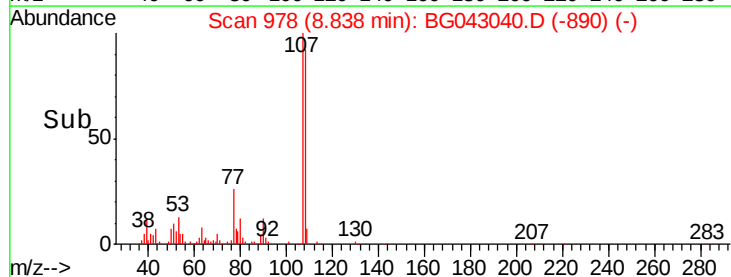
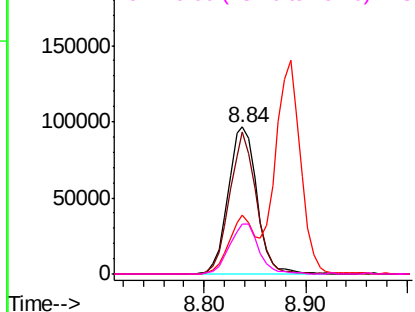


#20
 3+4-Methylphenols
 Concen: 33.625 ng
 RT: 8.84 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

Tgt Ion: 107 Resp: 189916
 Ion Ratio Lower Upper
 107 100
 108 97.3 64.9 104.9
 77 39.8 19.4 59.4
 79 33.7 16.2 56.2



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

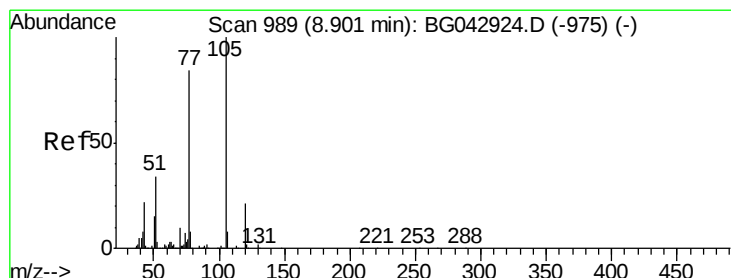
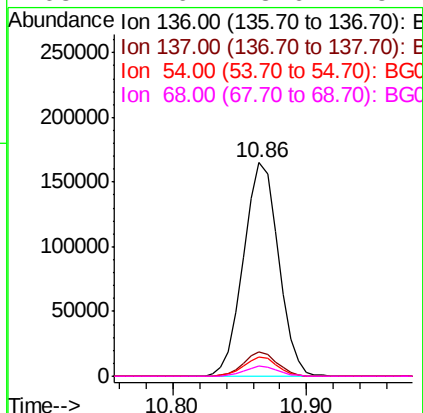
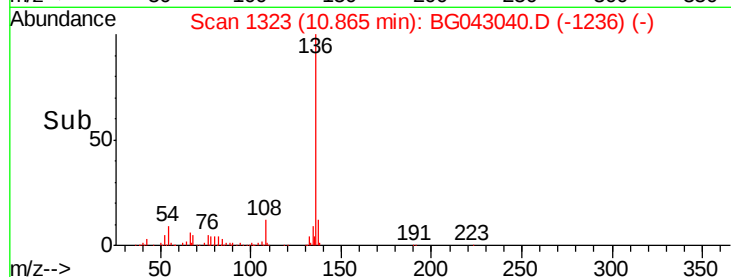
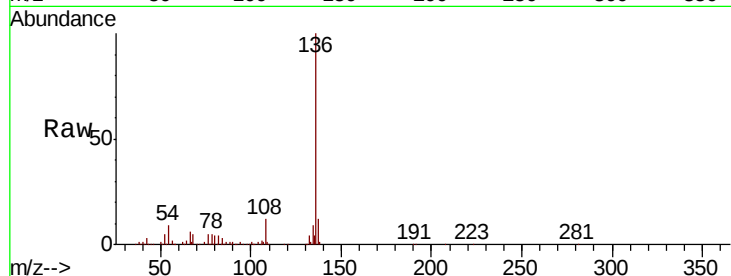




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

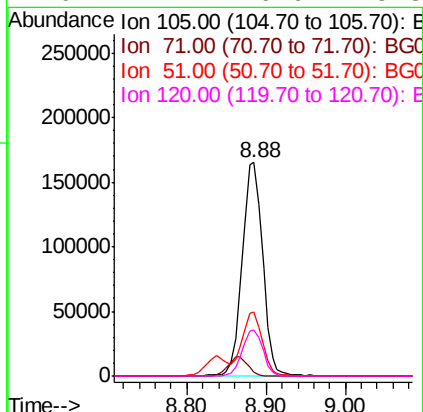
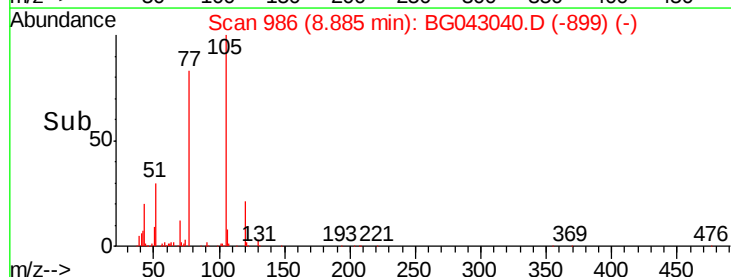
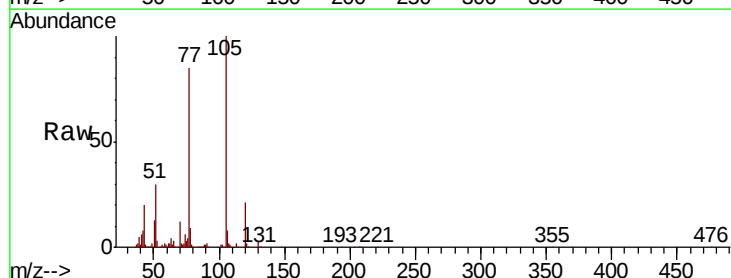
Instrument :
BNA_G
ClientSampleId :

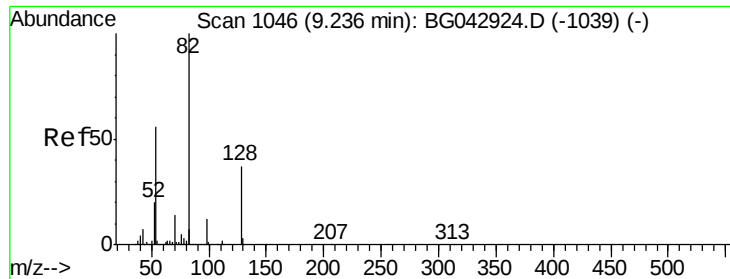
Tot Ion:136	Resp:	298771
Ion Ratio	Lower	Upper
136 100		
137 11.7	8.5	12.7
54 9.0	7.4	11.2
68 4.6	3.6	5.4



#22
Acetophenone
Concen: 38.546 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion:105	Resp:	296860
Ion Ratio	Lower	Upper
105 100		
71 1.7	1.2	1.8
51 29.9	27.2	40.8
120 21.4	16.9	25.3

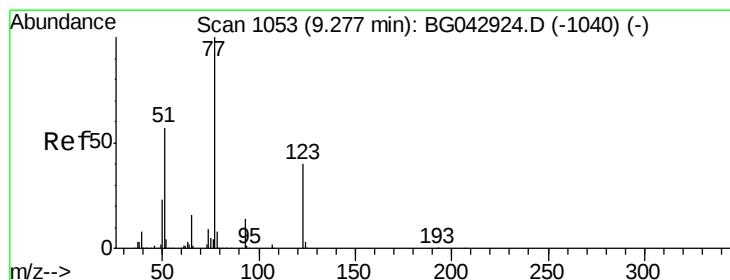
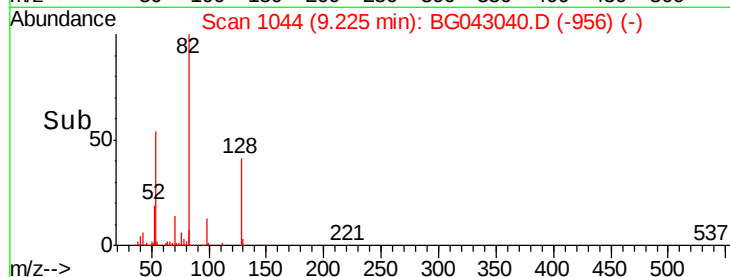
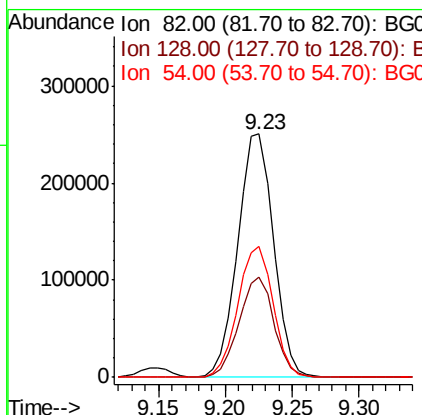
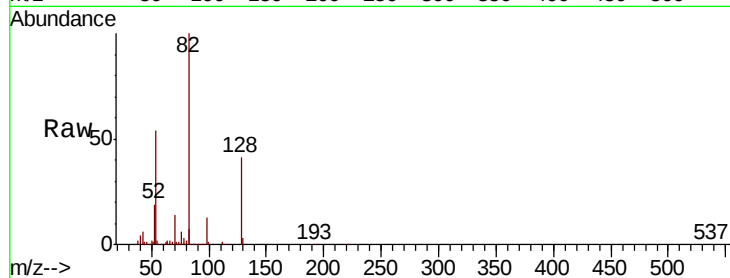




#23
 Nitrobenzene-d5
 Concen: 75.590 ng
 RT: 9.23 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

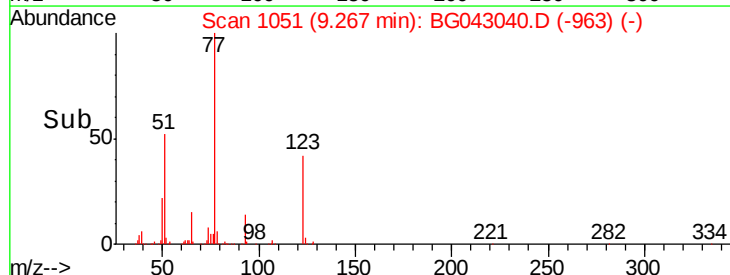
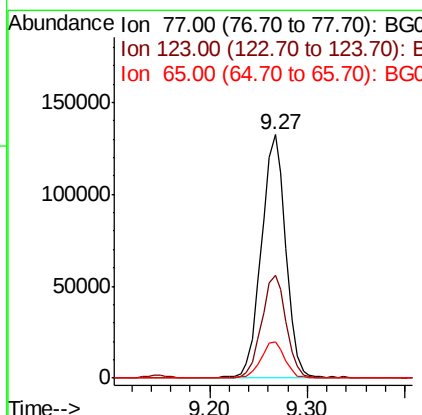
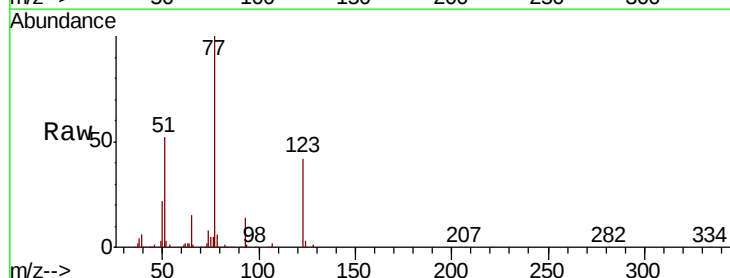
Instrument :
 BNA_G
 ClientSampleId :

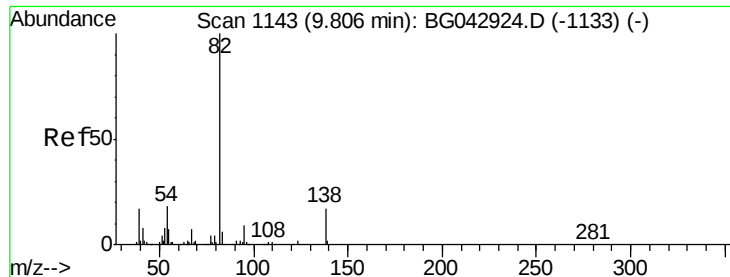
Tot Ion	82	Resp	464642
Ion Ratio	Lower	Upper	
82	100		
128	41.0	29.5	44.3
54	53.9	44.6	67.0



#24
 Nitrobenzene
 Concen: 39.773 ng
 RT: 9.27 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

Tgt Ion	77	Resp	233197
Ion Ratio	Lower	Upper	
77	100		
123	42.0	31.9	47.9
65	15.2	12.4	18.6





#25

Isophorone

Concen: 40.259 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Instrument :

BNA_G

ClientSampleId :

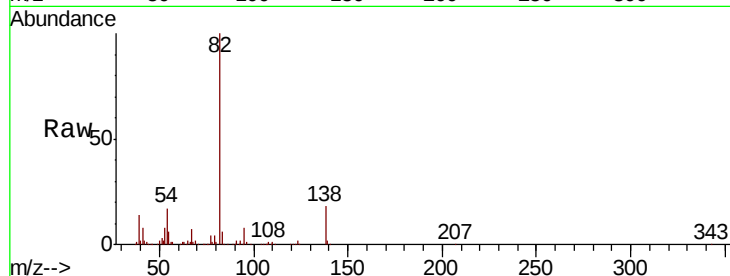
Tot Ion: 82 Resp: 434688

Ion Ratio Lower Upper

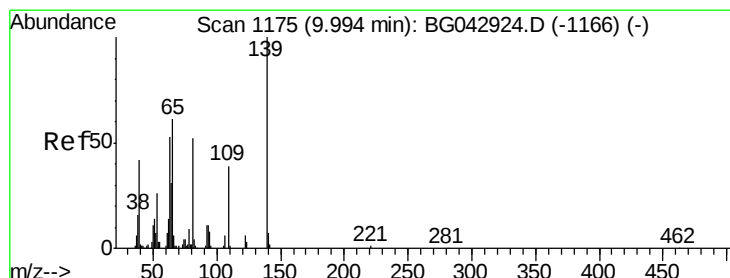
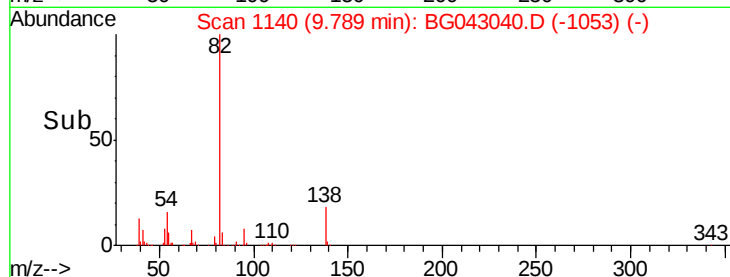
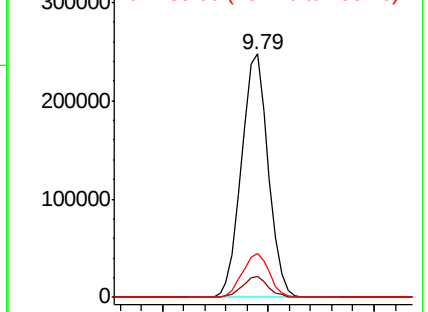
82 100

95 8.4 7.0 10.4

138 18.3 13.8 20.6



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



#26

2-Nitrophenol

Concen: 47.410 ng

RT: 9.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

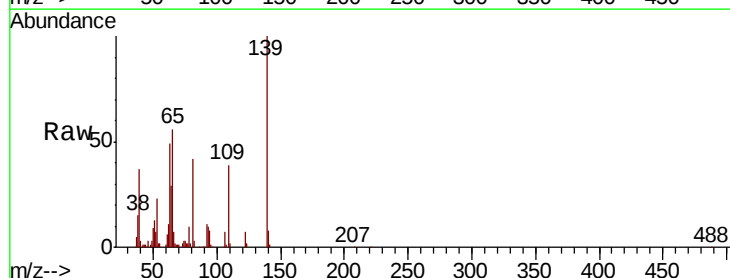
Tgt Ion: 139 Resp: 118334

Ion Ratio Lower Upper

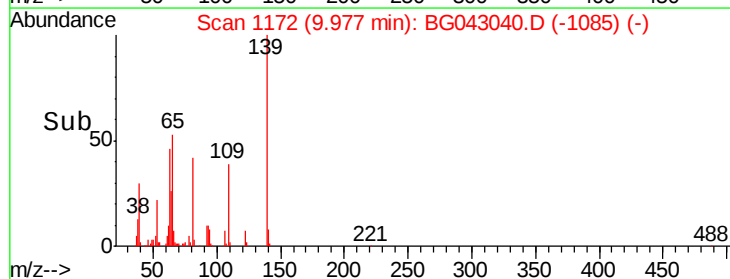
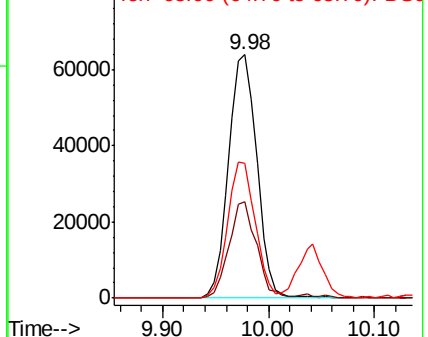
139 100

109 39.4 31.0 46.6

65 55.5 48.4 72.6



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

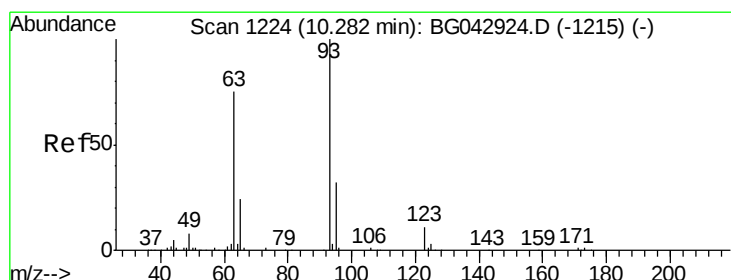
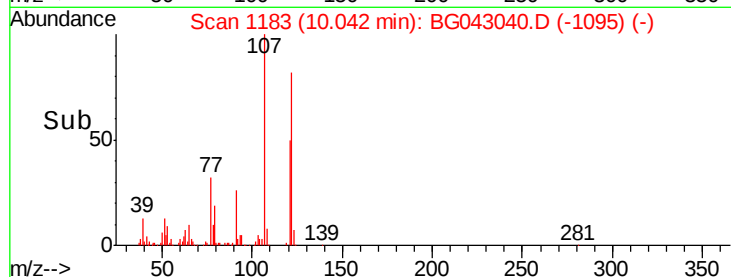
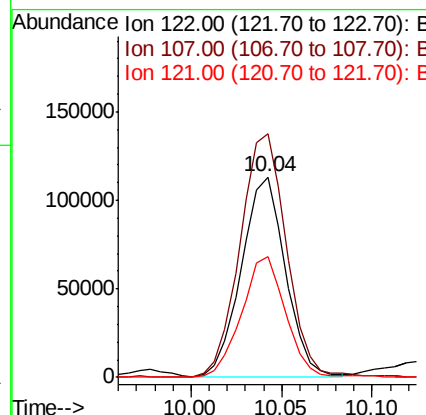
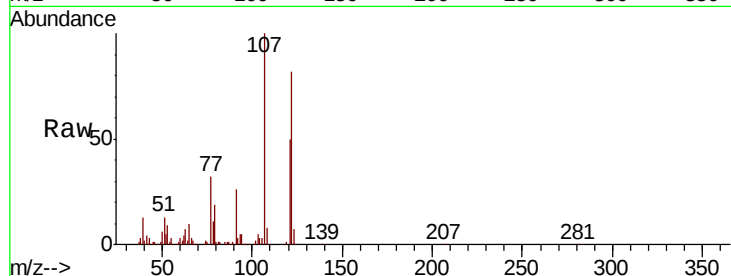




#27
2,4-Dimethylphenol
Concen: 50.042 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

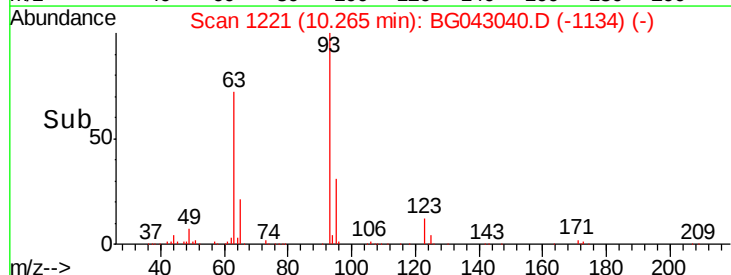
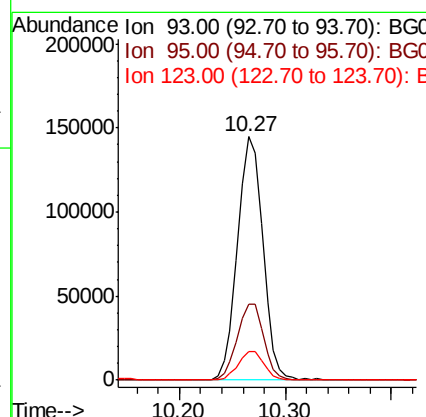
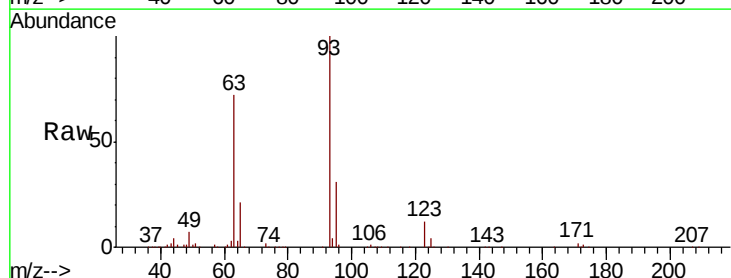
Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 191814
Ion Ratio Lower Upper
122 100
107 121.5 102.2 153.2
121 60.2 48.5 72.7



#28
bis(2-Chloroethoxy)methane
Concen: 39.307 ng
RT: 10.27 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion: 93 Resp: 240792
Ion Ratio Lower Upper
93 100
95 31.2 25.4 38.0
123 11.5 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 45.027 ng

RT: 10.52 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Instrument :

BNA_G

ClientSampleId :

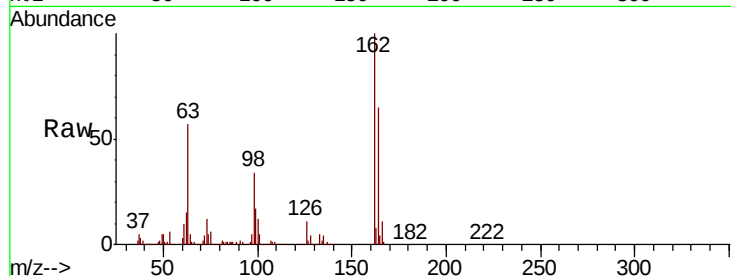
Tot Ion:162 Resp: 214655

Ion Ratio Lower Upper

162 100

164 65.4 44.7 84.7

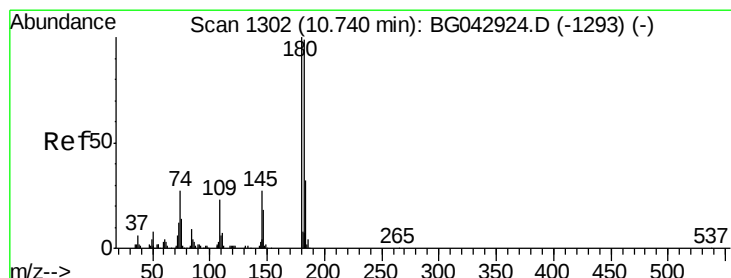
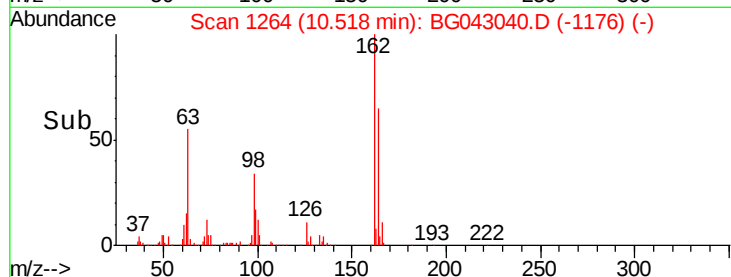
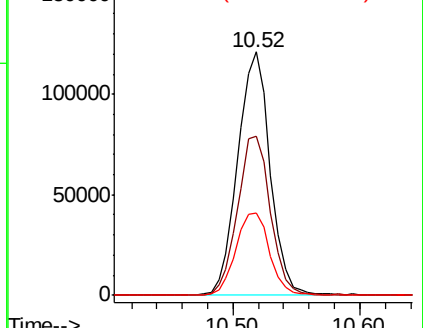
98 33.9 16.0 56.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 36.493 ng

RT: 10.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

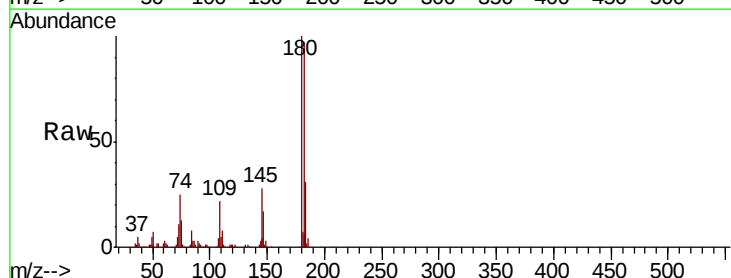
Tgt Ion:180 Resp: 224659

Ion Ratio Lower Upper

180 100

182 96.6 79.3 118.9

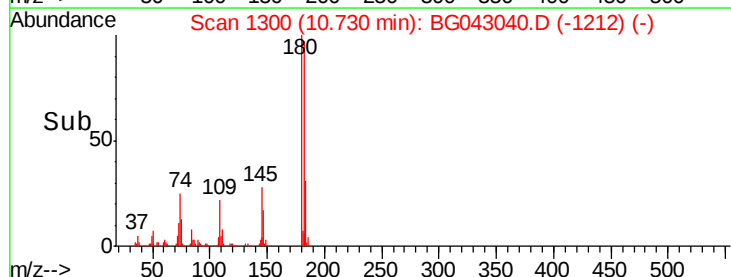
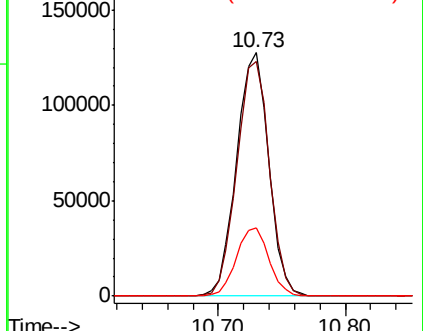
145 28.0 22.0 33.0



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

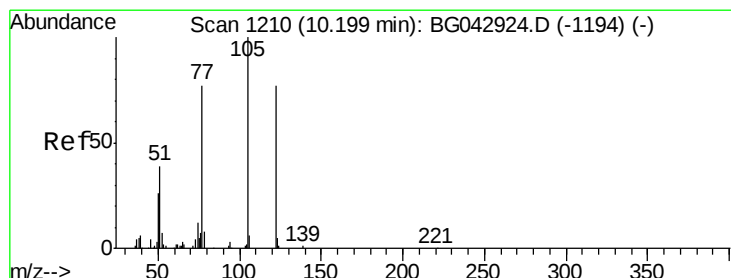
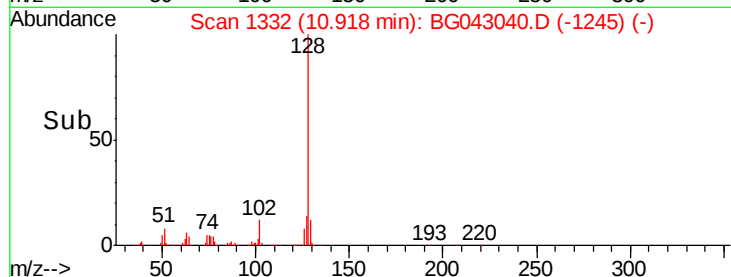
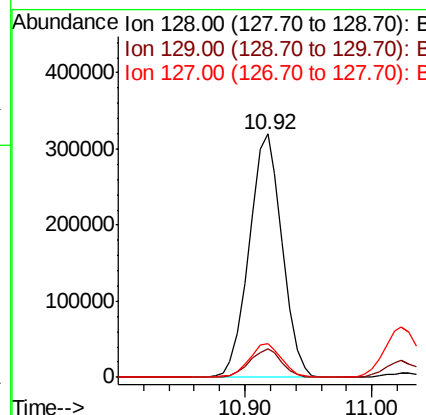
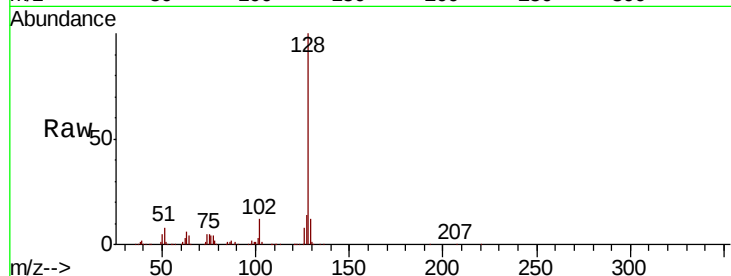




#31
Naphthalene
Concen: 39.076 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

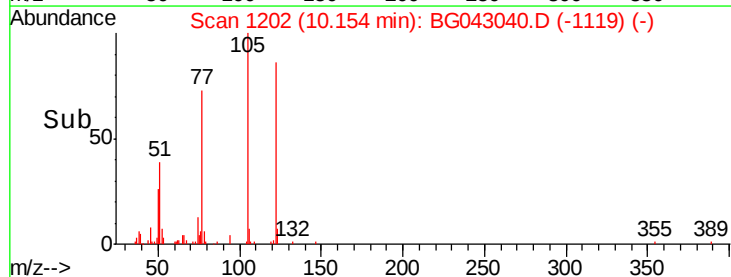
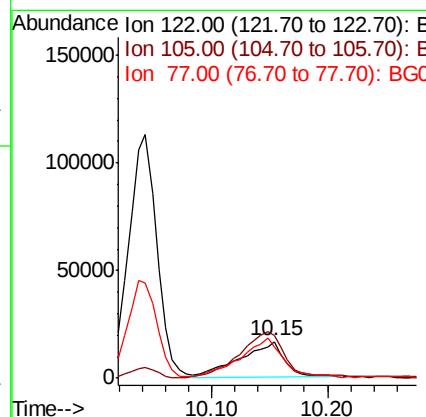
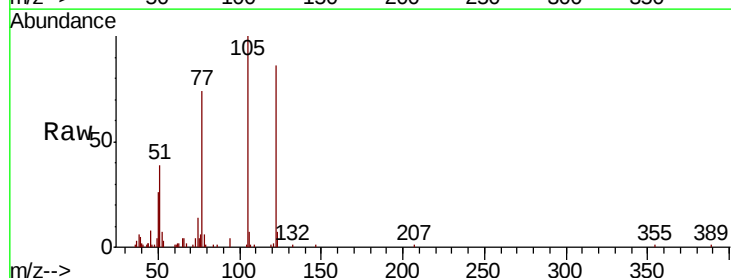
Instrument :
BNA_G
ClientSampleId :

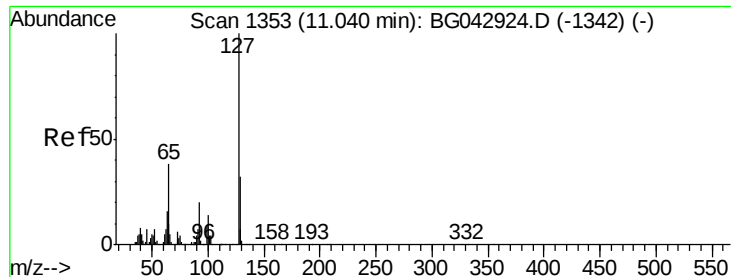
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.8	13.2
127	13.8	11.3	16.9



#32
Benzoic acid
Concen: 18.157 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.05 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.0	107.5	147.5
77	86.4	79.8	119.8

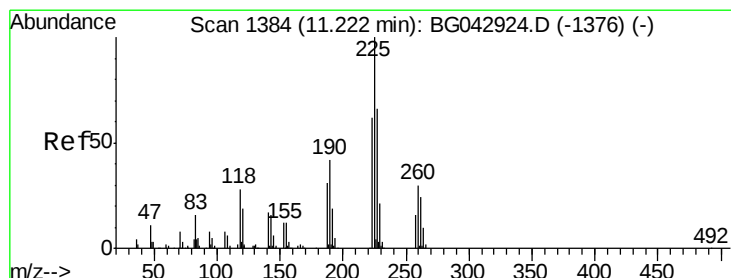
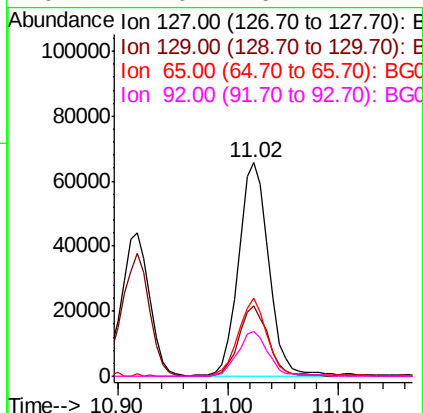
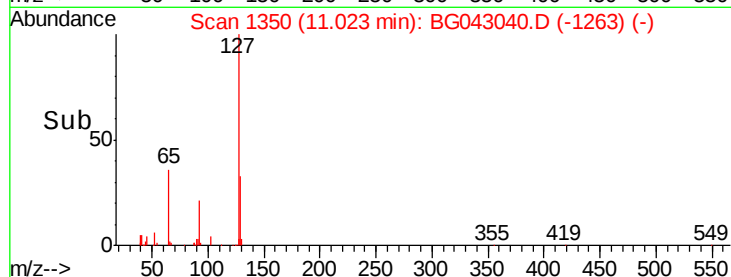
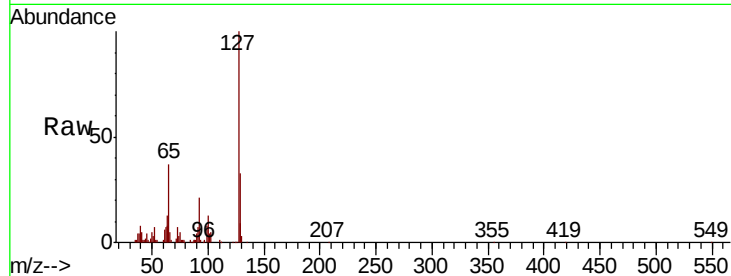




#33
4-Chloroaniline
Concen: 19.672 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

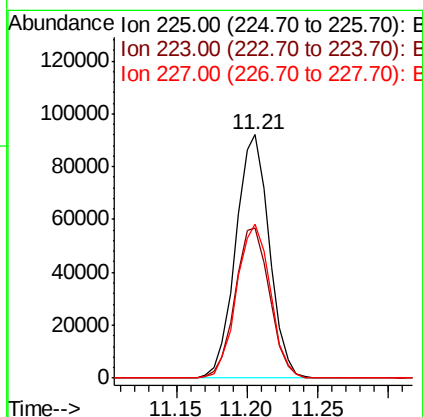
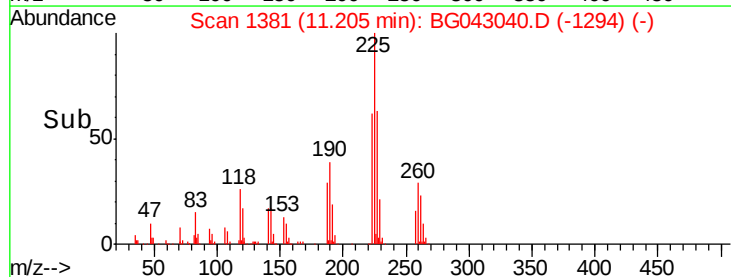
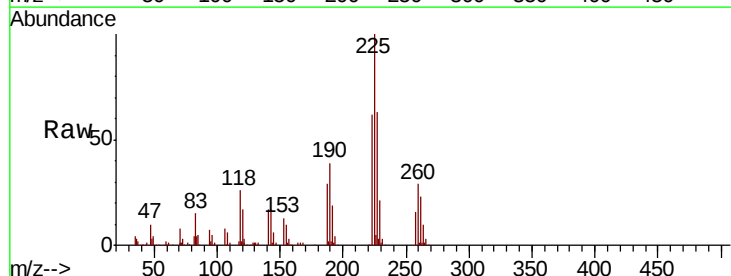
Instrument :
BNA_G
ClientSampleId :

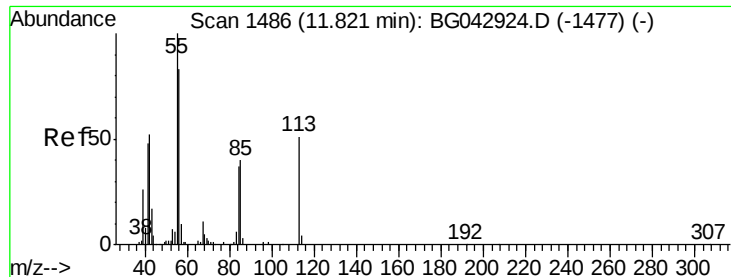
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.2	39.2
65	36.7	30.6	45.8
92	21.0	16.2	24.4



#34
Hexachlorobutadiene
Concen: 33.144 ng
RT: 11.21 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.3	73.9
227	63.5	52.8	79.2





#35

Caprolactam

Concen: 8.571 ng

RT: 11.80 min Scan# 1482

Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Instrument :

BNA_G

ClientSampleId :

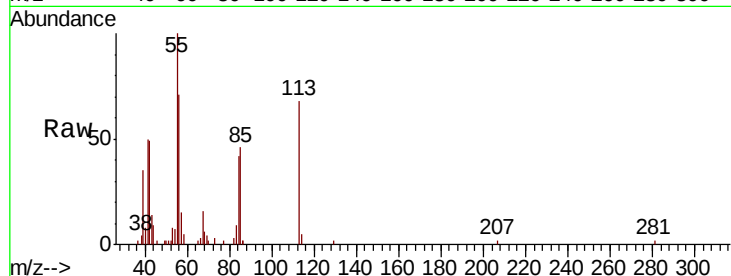
Tot Ion:113 Resp: 14409

Ion Ratio Lower Upper

113 100

55 147.0 175.5 215.5#

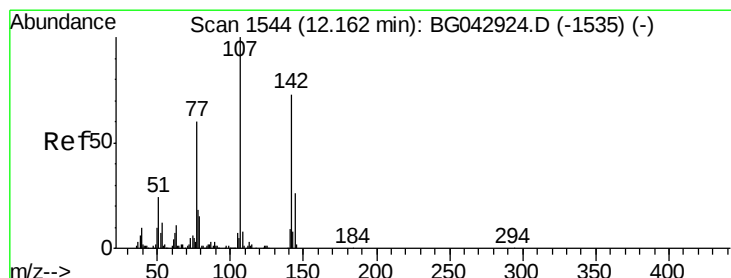
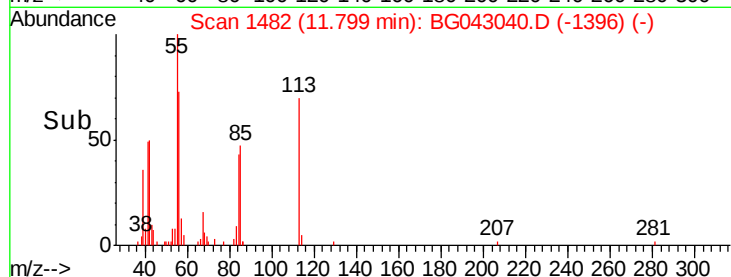
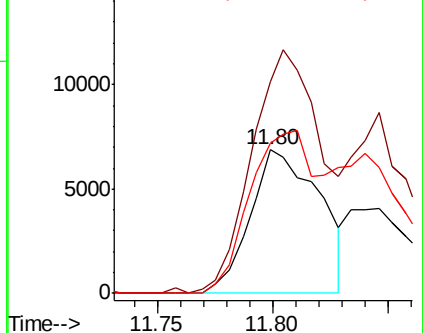
56 104.5 142.3 182.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 43.584 ng

RT: 12.15 min Scan# 1541

Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

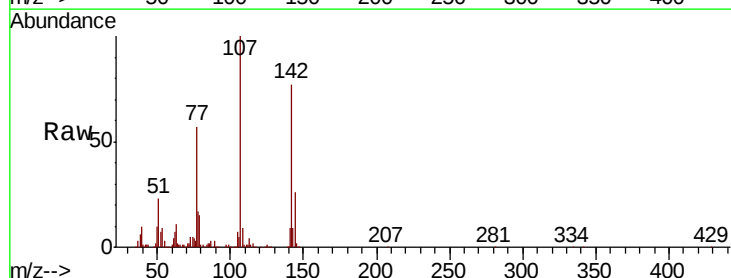
Tgt Ion:107 Resp: 225908

Ion Ratio Lower Upper

107 100

144 26.3 20.7 31.1

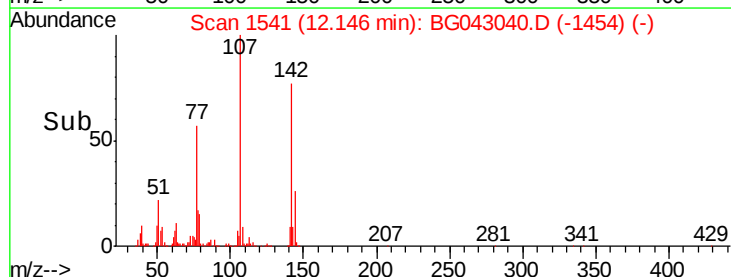
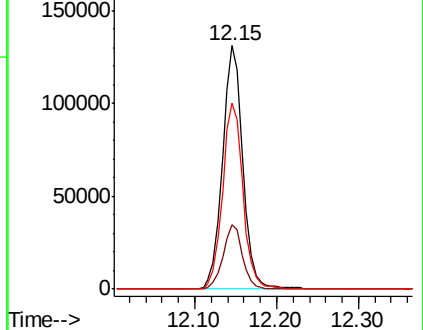
142 76.7 58.6 87.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

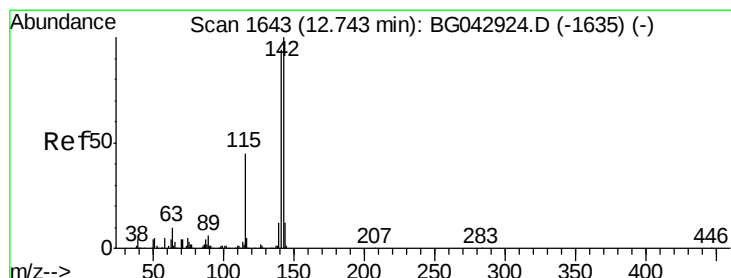
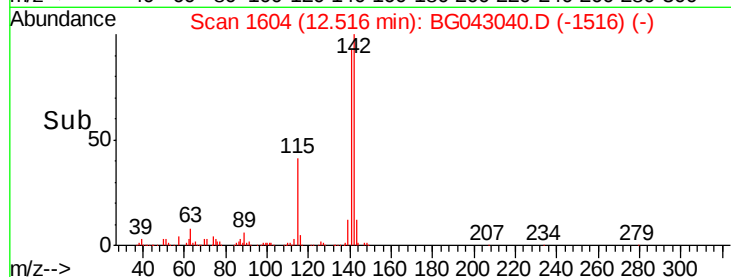
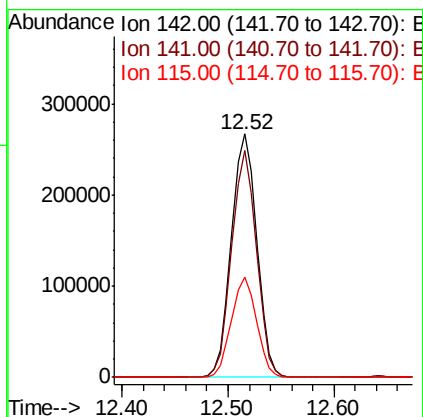
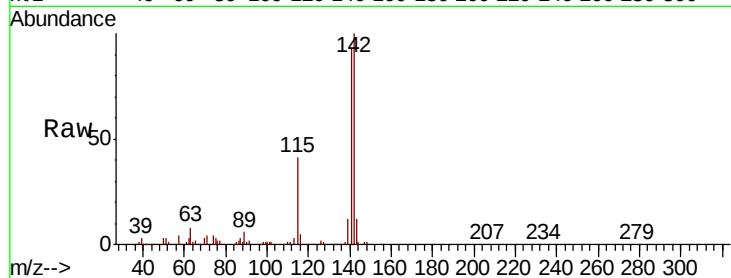




#37
2-Methylnaphthalene
Concen: 39.541 ng
RT: 12.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

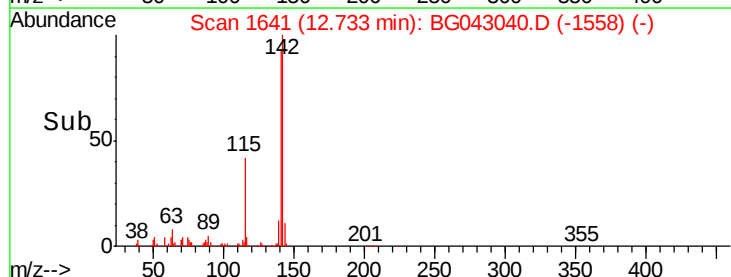
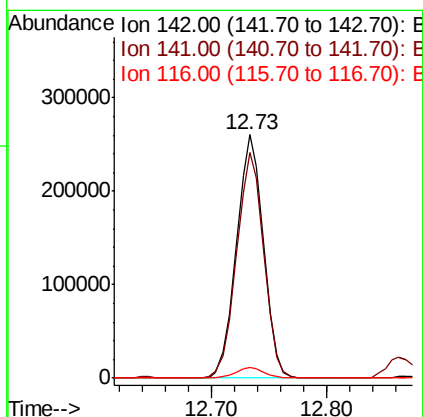
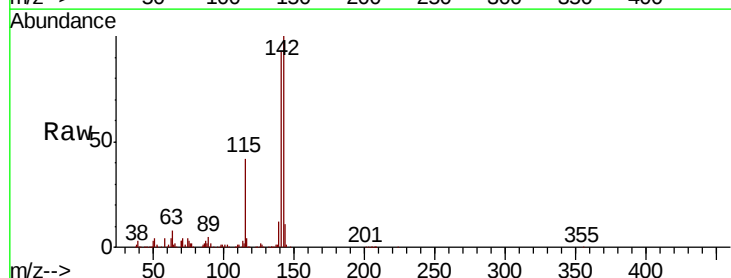
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.0	69.0	103.4
115	41.1	32.8	49.2



#38
1-Methylnaphthalene
Concen: 39.528 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.9	112.3
116	4.2	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Instrument :

BNA_G

ClientSampleId :

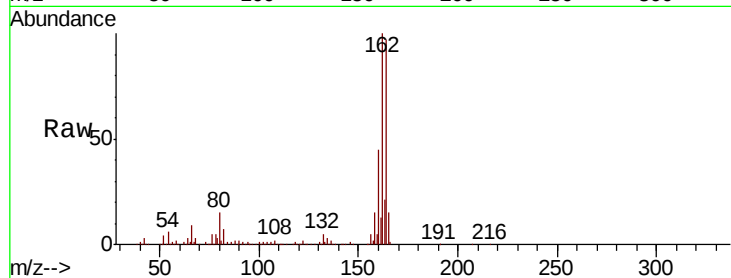
Tot Ion:164 Resp: 217632

Ion Ratio Lower Upper

164 100

162 102.7 78.5 117.7

160 46.1 35.9 53.9



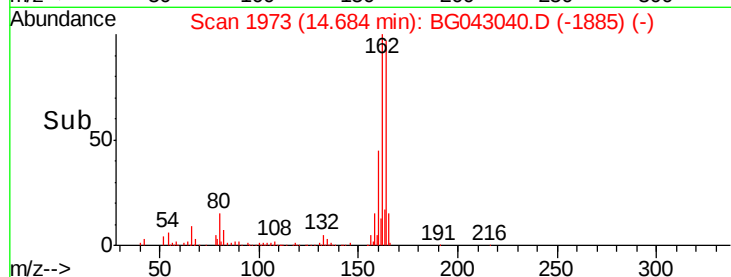
Abundance

Ion 164.00 (163.70 to 164.70): E

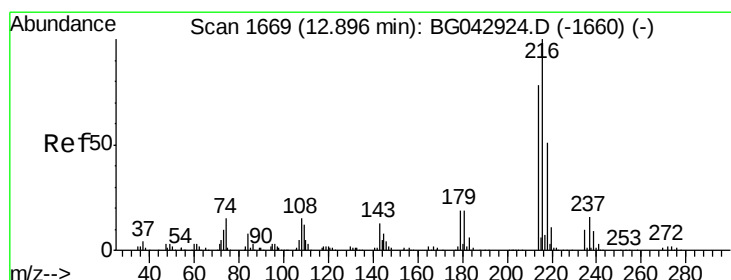
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.68



Time-->



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.897 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Tgt Ion:216 Resp: 293737

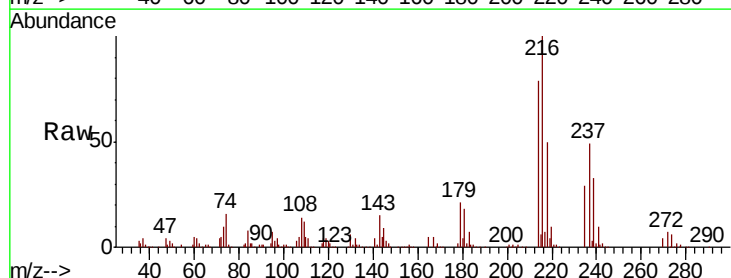
Ion Ratio Lower Upper

216 100

214 78.5 62.4 93.6

179 19.8 15.4 23.2

108 16.4 12.6 19.0



Abundance

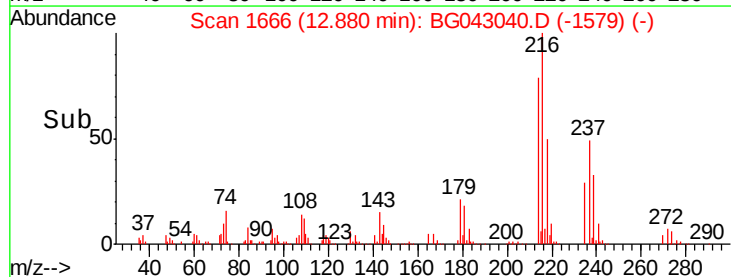
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

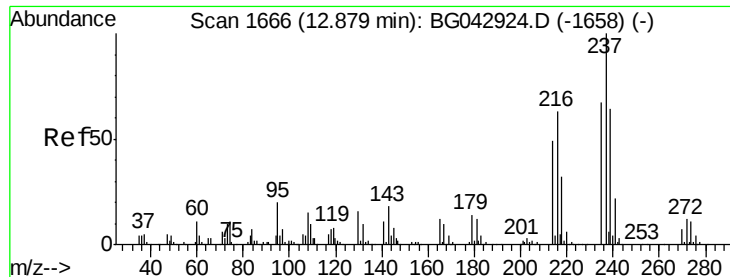
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

12.88



Time-->



#41

Hexachlorocyclopentadiene

Concen: 71.316 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Instrument :

BNA_G

ClientSampleId :

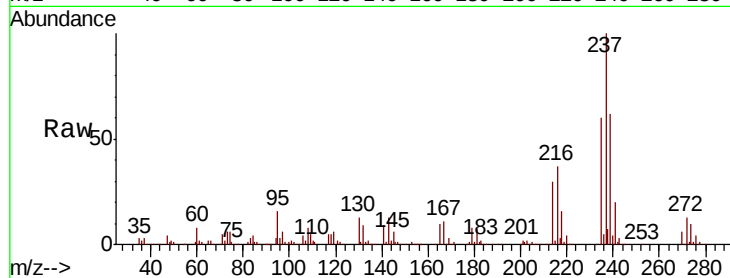
Tot Ion:237 Resp: 371823

Ion Ratio Lower Upper

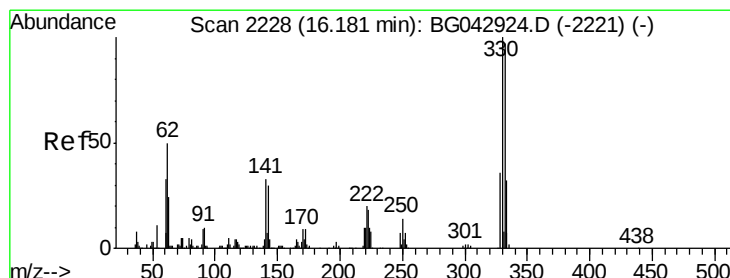
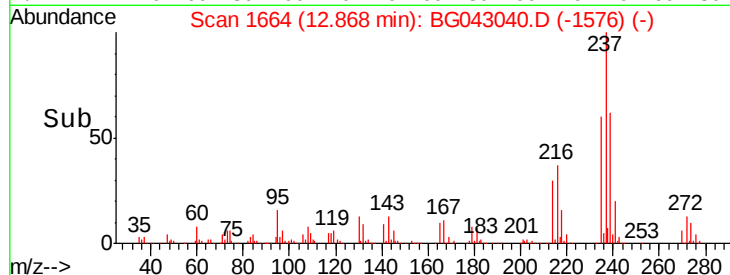
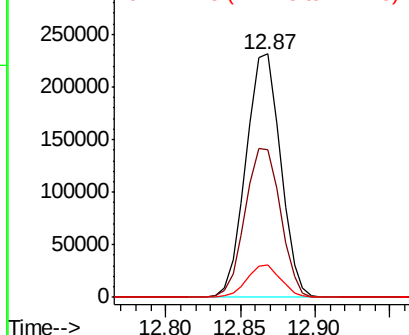
237 100

235 60.4 46.7 86.7

272 13.2 0.0 32.3



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



#42

2,4,6-Tribromophenol

Concen: 115.163 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

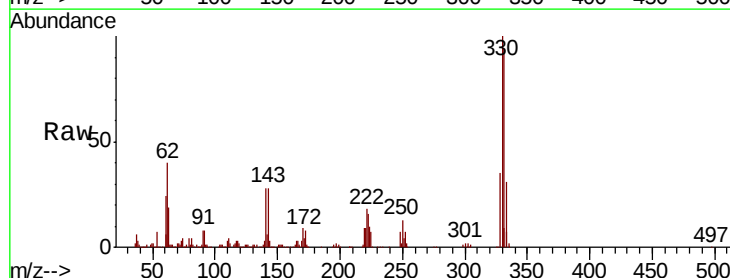
Tgt Ion:330 Resp: 430977

Ion Ratio Lower Upper

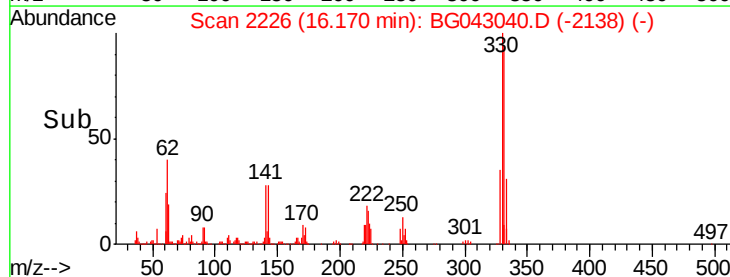
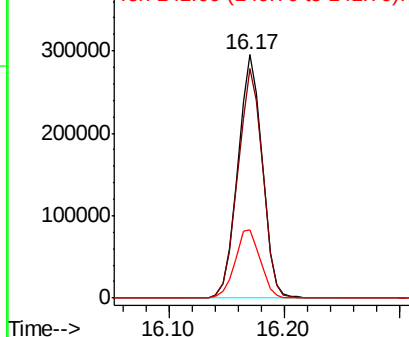
330 100

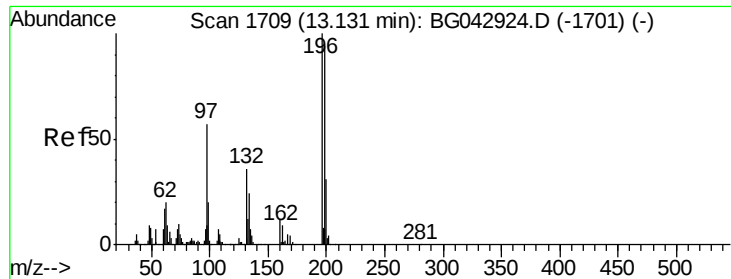
332 95.9 78.2 117.2

141 29.0 26.0 39.0



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

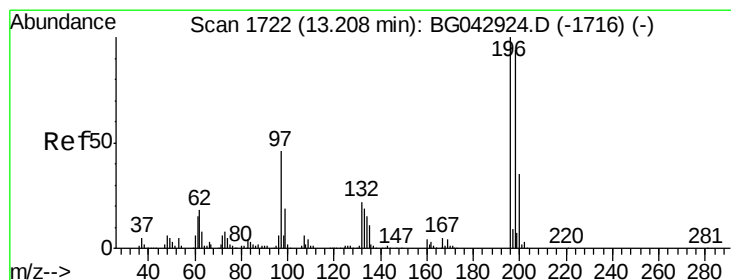
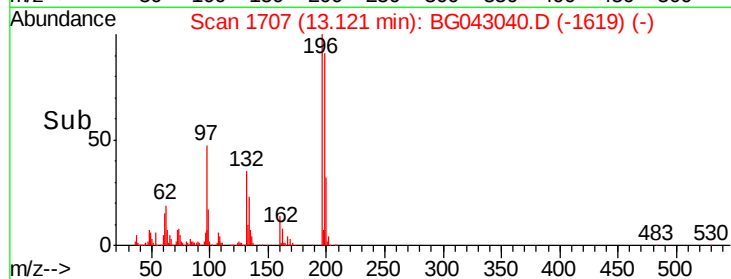
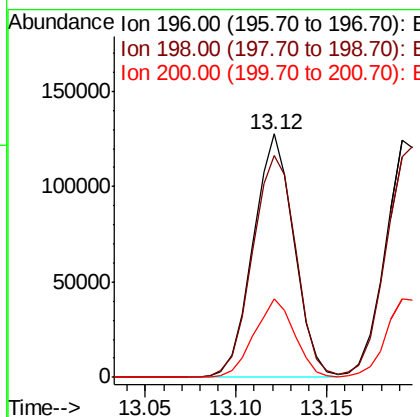
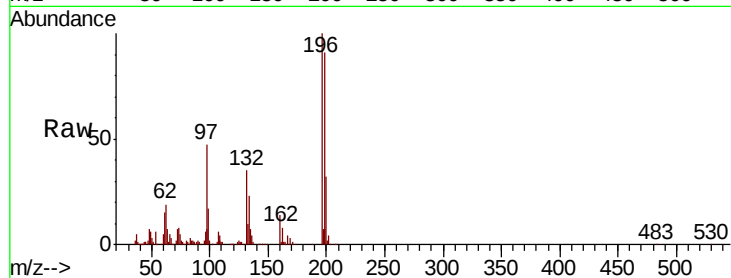




#43
 2,4,6-Trichlorophenol
 Concen: 41.793 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

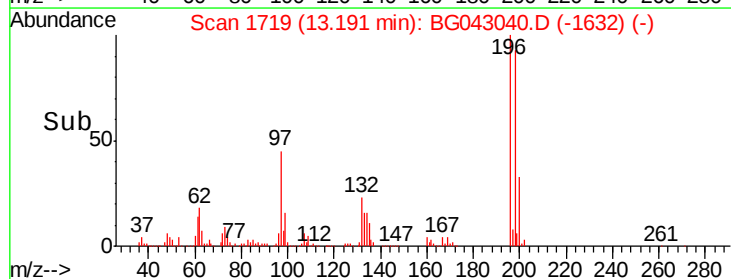
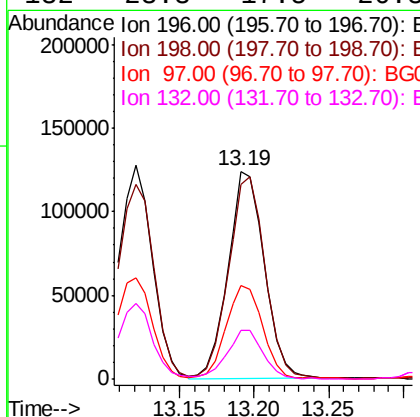
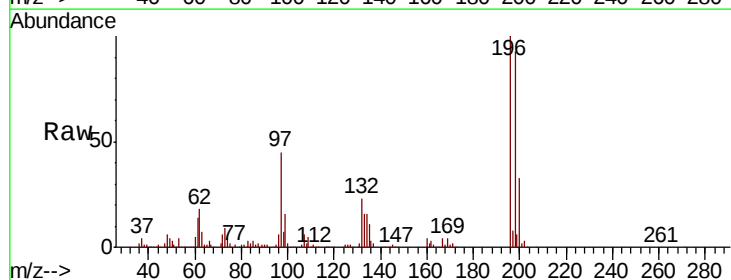
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	91.0	75.5	113.3
200	32.3	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 42.601 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.3	75.1	112.7
97	44.8	37.0	55.4
132	23.3	17.5	26.3

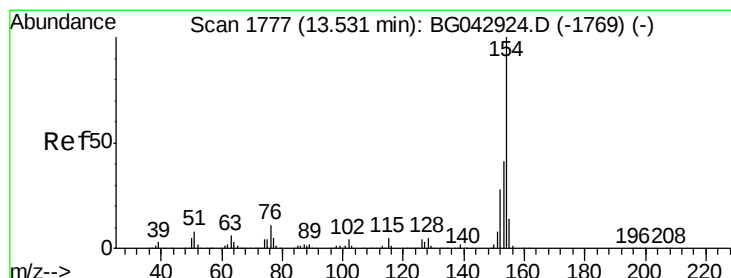
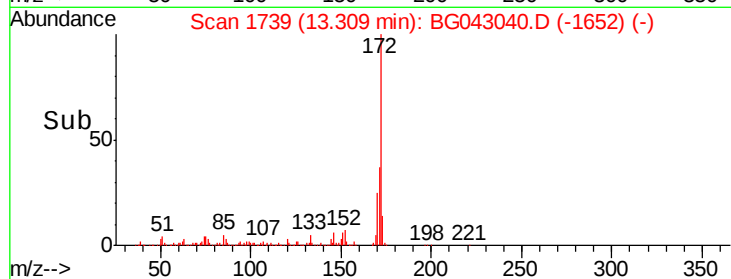
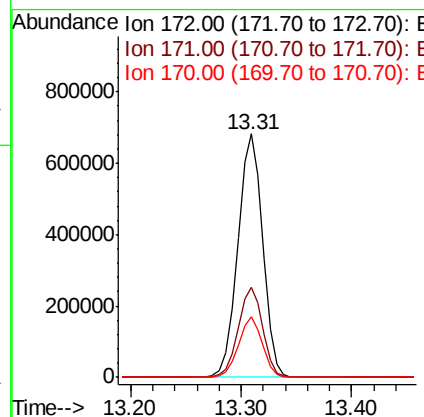
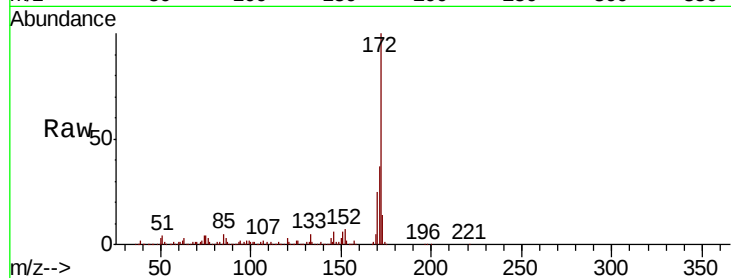




#45
2-Fluorobiphenyl
Concen: 71.435 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

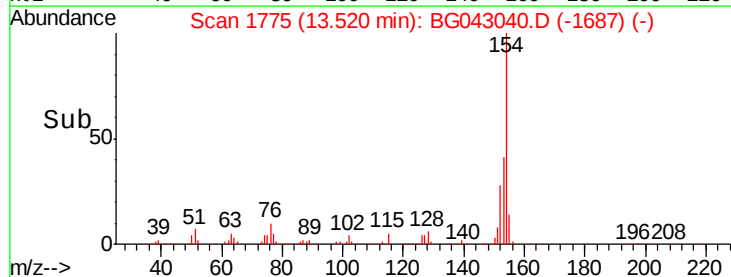
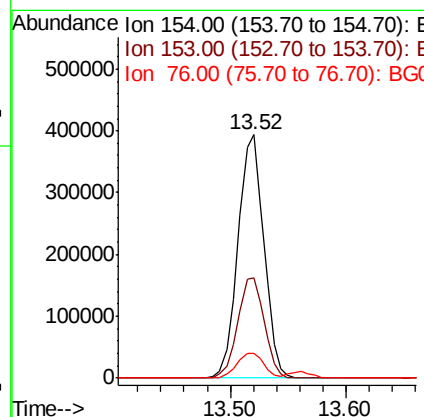
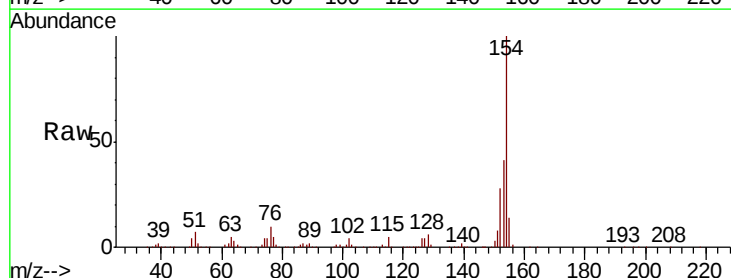
Instrument :
BNA_G
ClientSampleId :

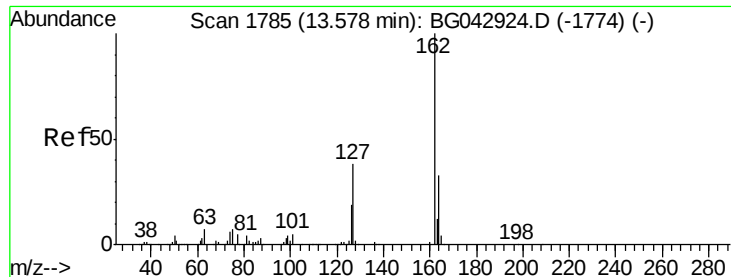
Tot Ion:172 Resp: 1072393
Ion Ratio Lower Upper
172 100
171 37.2 29.6 44.4
170 25.0 19.6 29.4



#46
1,1'-Biphenyl
Concen: 36.881 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion:154 Resp: 608685
Ion Ratio Lower Upper
154 100
153 41.1 21.4 61.4
76 10.3 0.0 31.3

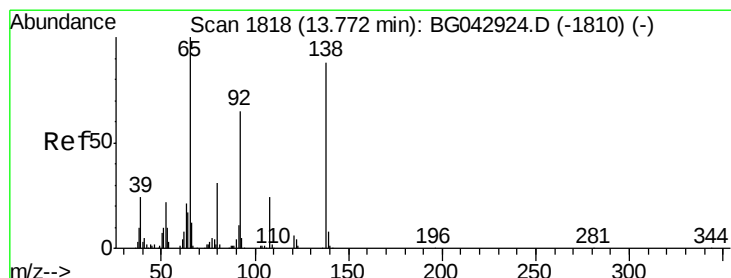
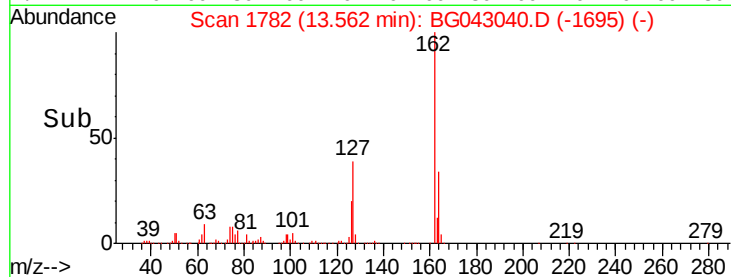
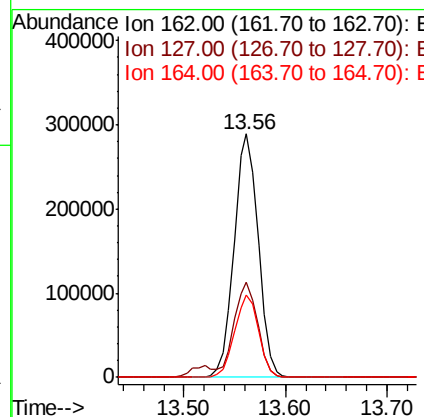
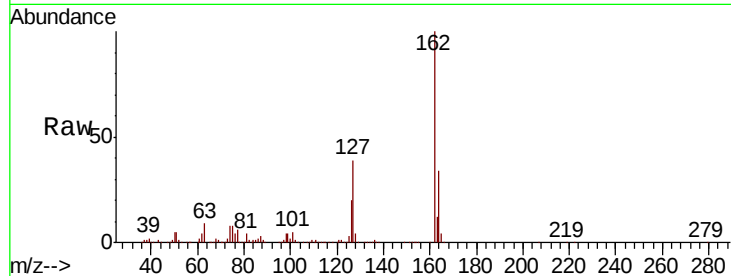




#47
 2-Chloronaphthalene
 Concen: 38.432 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.02 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

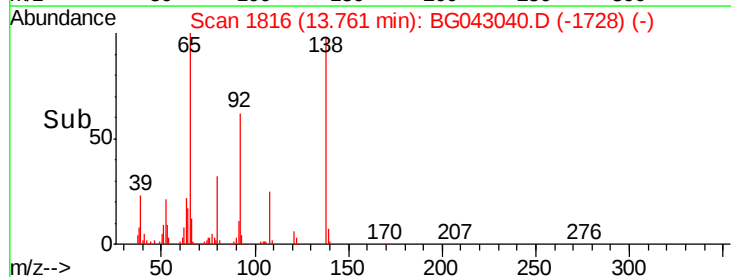
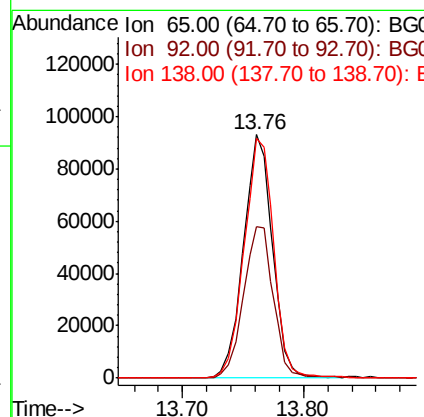
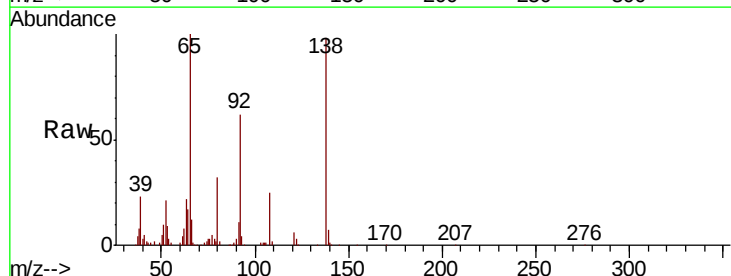
Instrument :
 BNA_G
 ClientSampleId :

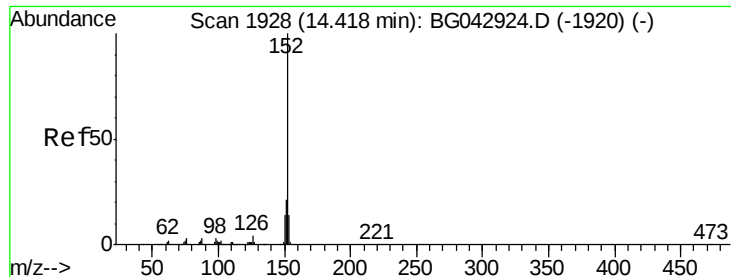
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.0	46.6
164	33.9	26.2	39.2



#48
 2-Nitroaniline
 Concen: 37.919 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.0	52.0	78.0
138	98.3	70.4	105.6





#49

Acenaphthylene

Concen: 39.790 ng

RT: 14.41 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Instrument :

BNA_G

ClientSampleId :

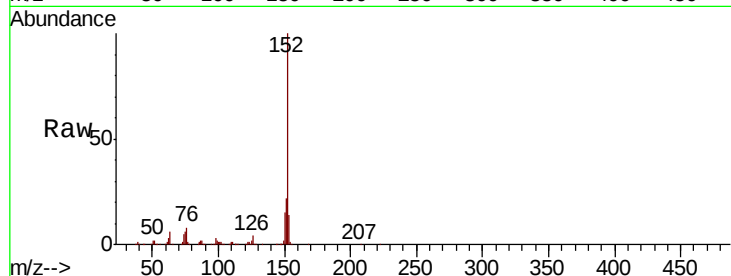
Tot Ion:152 Resp: 753382

Ion Ratio Lower Upper

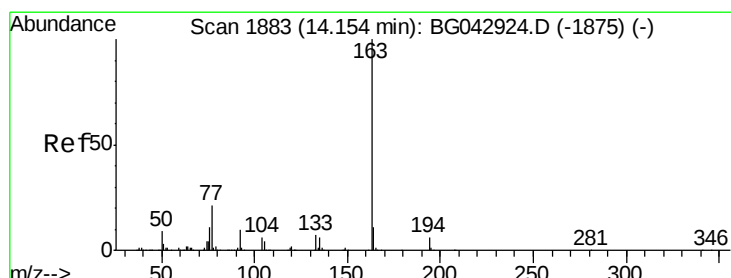
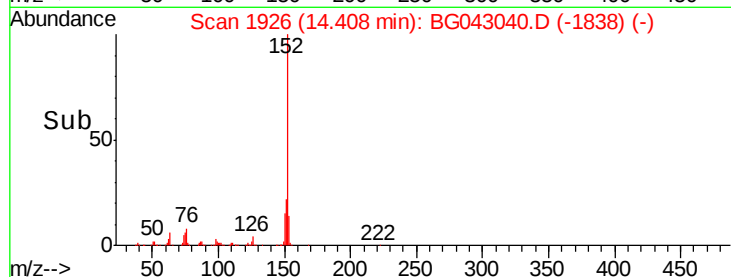
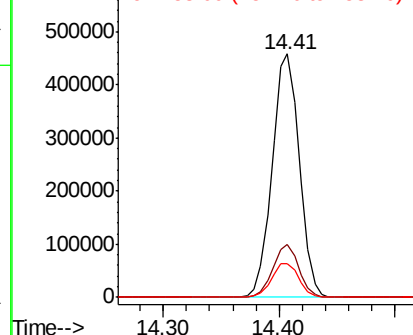
152 100

151 21.9 16.8 25.2

153 13.9 11.3 16.9



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: 49.219 ng

RT: 14.14 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

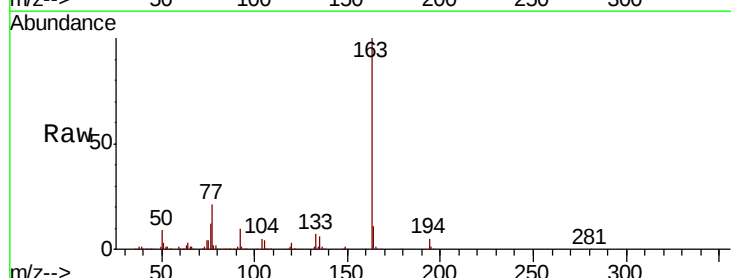
Tgt Ion:163 Resp: 802587

Ion Ratio Lower Upper

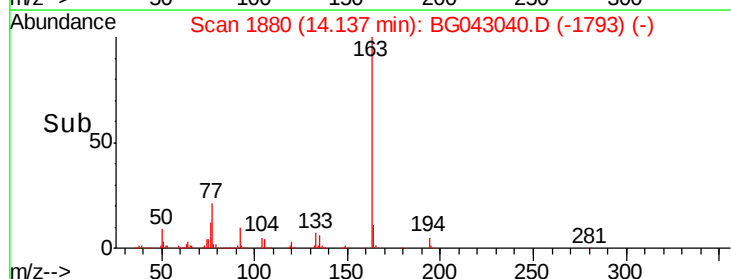
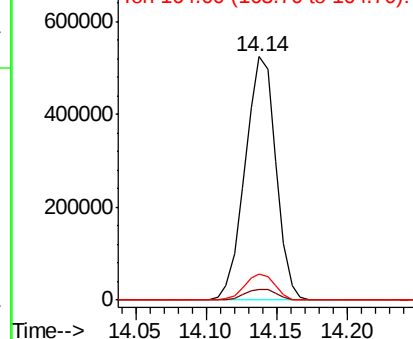
163 100

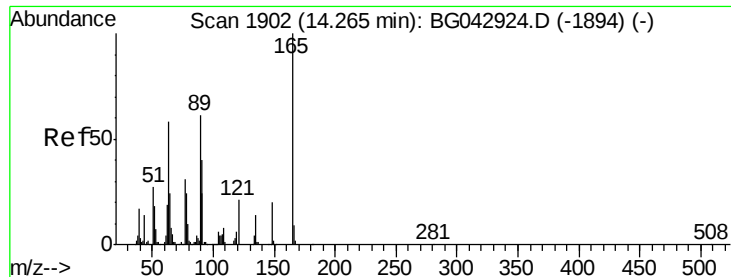
194 4.6 4.4 6.6

164 10.9 8.6 12.8



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: 42.267 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Instrument :

BNA_G

ClientSampleId :

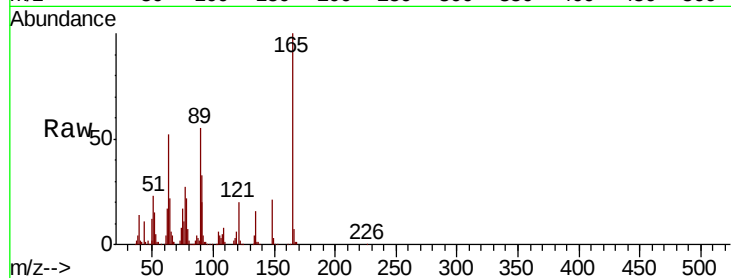
Tot Ion:165 Resp: 146775

Ion Ratio Lower Upper

165 100

63 51.8 50.3 75.5

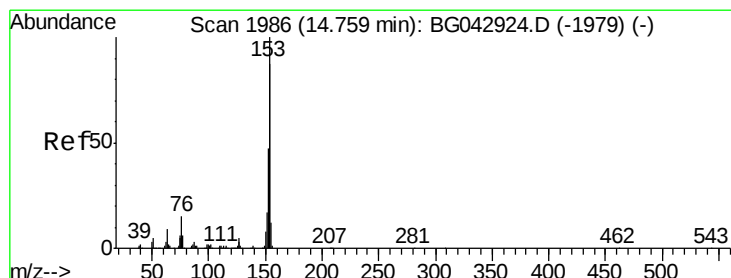
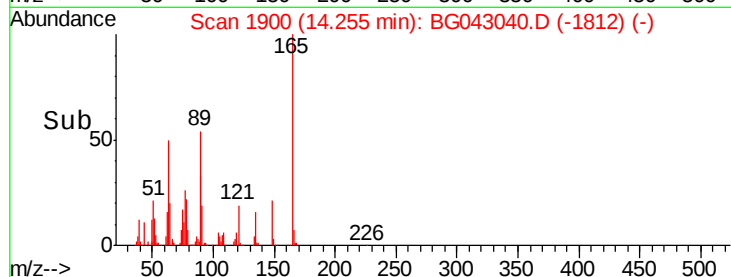
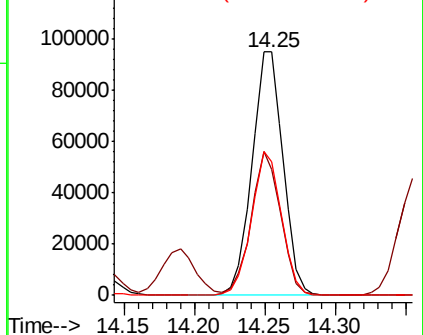
89 54.6 48.9 73.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 37.071 ng

RT: 14.75 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

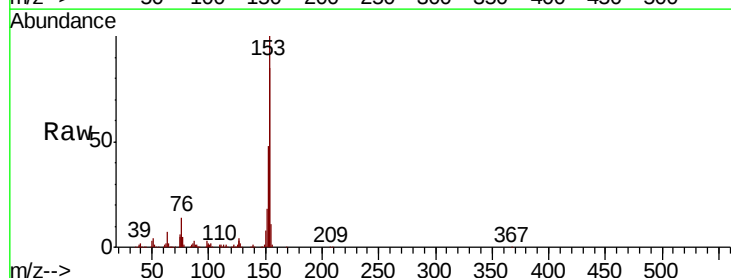
Tgt Ion:154 Resp: 469813

Ion Ratio Lower Upper

154 100

153 117.1 91.4 137.0

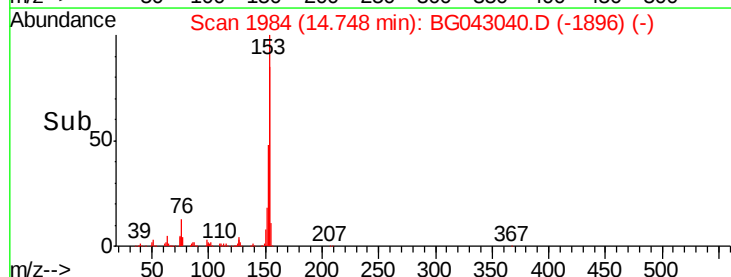
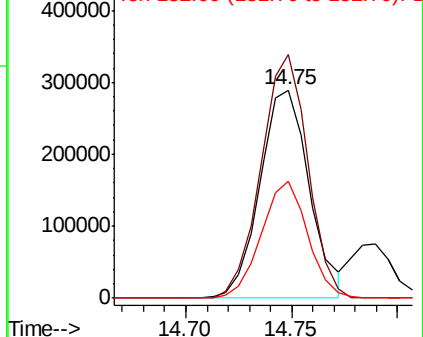
152 56.4 42.8 64.2



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

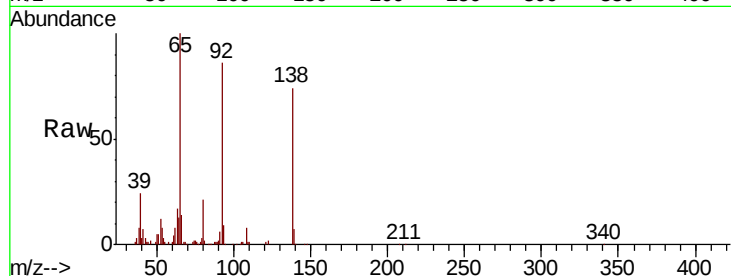




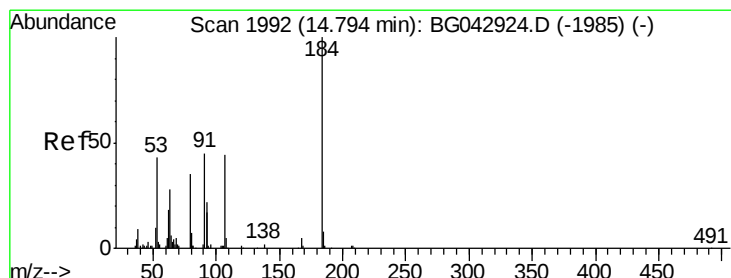
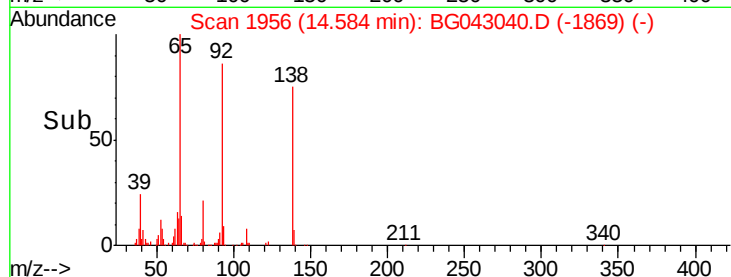
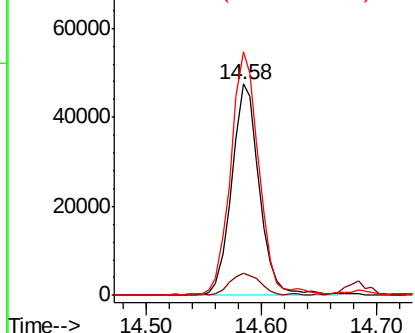
#53
3-Nitroaniline
Concen: 21.911 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 78632
Ion Ratio Lower Upper
138 100
108 10.8 7.9 11.9
92 115.3 97.0 145.6

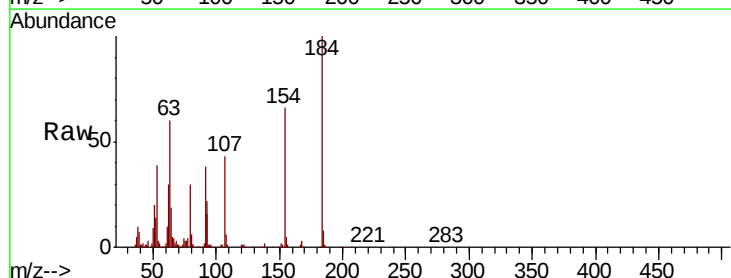


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

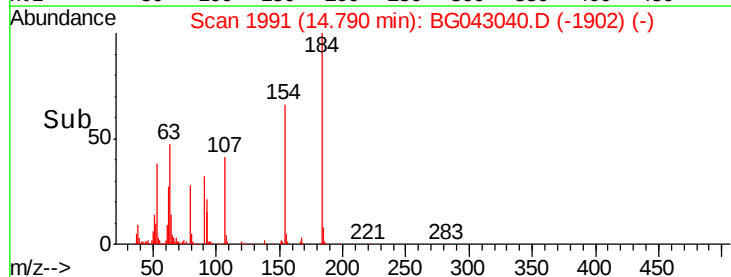
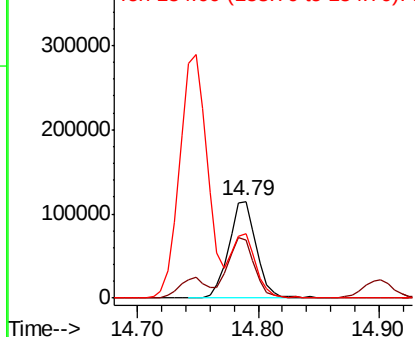


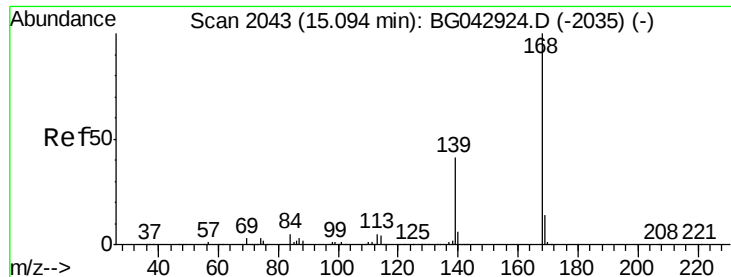
#54
2,4-Dinitrophenol
Concen: 84.727 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion:184 Resp: 182882
Ion Ratio Lower Upper
184 100
63 60.4 55.0 82.6
154 66.1 56.5 84.7



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 39.189 ng

RT: 15.08 min Scan# 2040

Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Instrument :

BNA_G

ClientSampleId :

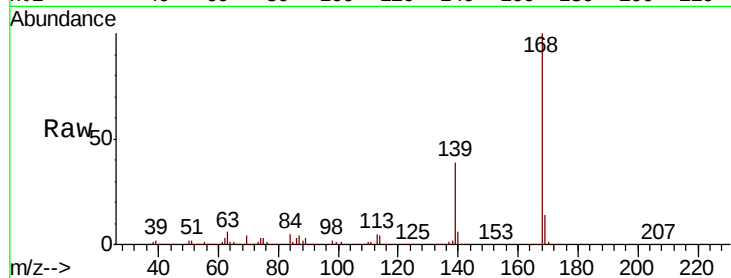
Tot Ion:168 Resp: 734690

Ion Ratio Lower Upper

168 100

139 39.2 32.6 48.8

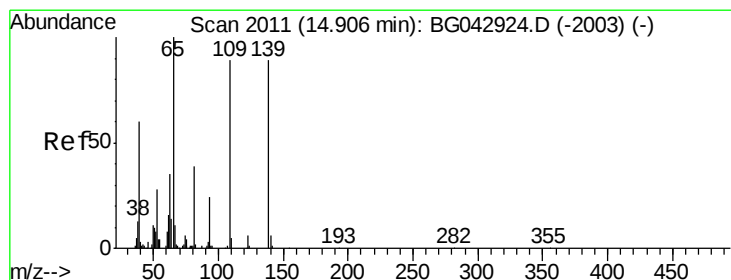
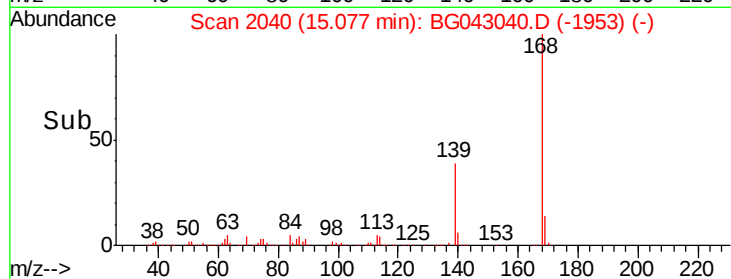
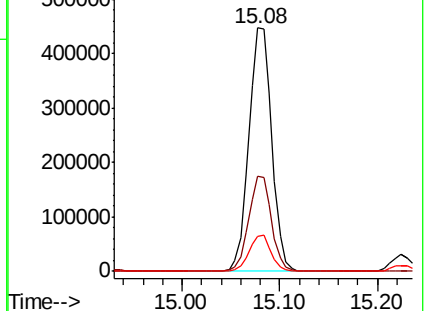
169 14.4 11.2 16.8



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: 41.694 ng

RT: 14.90 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

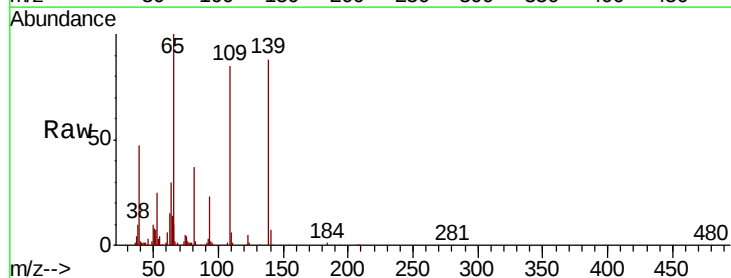
Tgt Ion:139 Resp: 114007

Ion Ratio Lower Upper

139 100

109 96.2 79.4 119.4

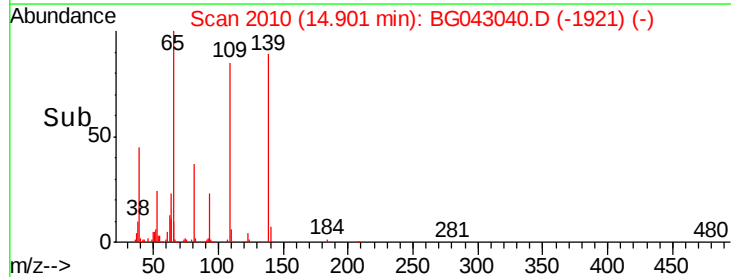
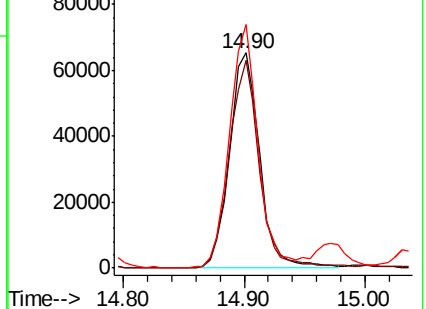
65 113.1 92.5 132.5

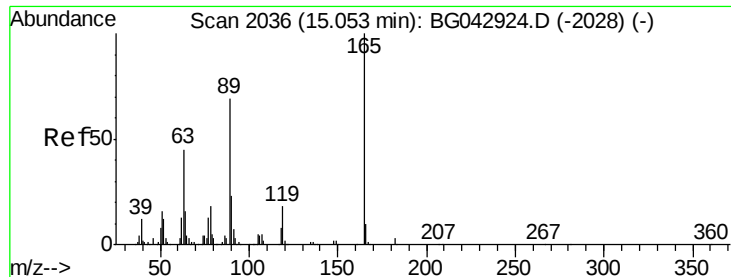


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 39.380 ng

RT: 15.04 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG043040.D

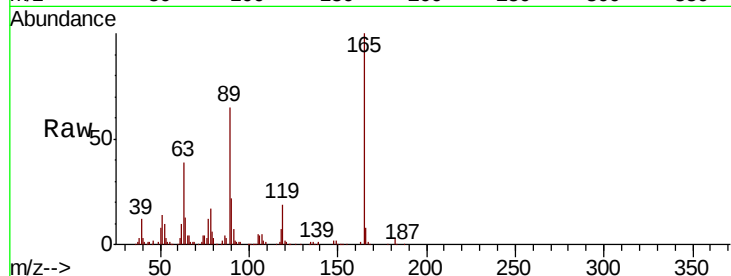
Acq: 4 Oct 2019 22:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165	Resp:	200257
Ion Ratio	Lower	Upper
165	100	
63	39.1	36.5 54.7
89	64.8	55.5 83.3
182	3.2	2.4 3.6



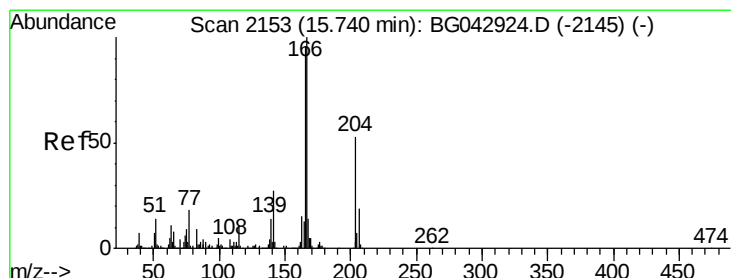
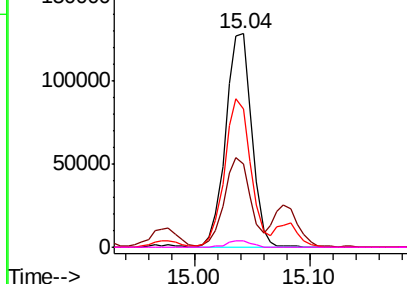
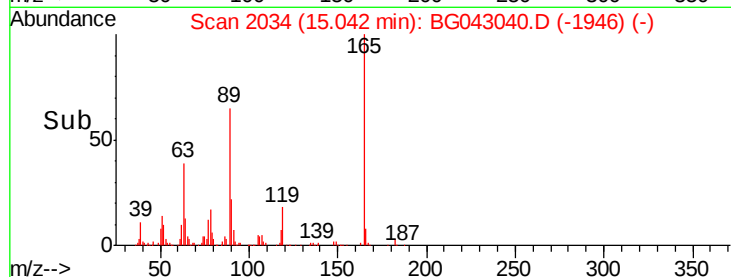
Abundance Ion 165.00 (164.70 to 165.70): E

200000

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 38.277 ng

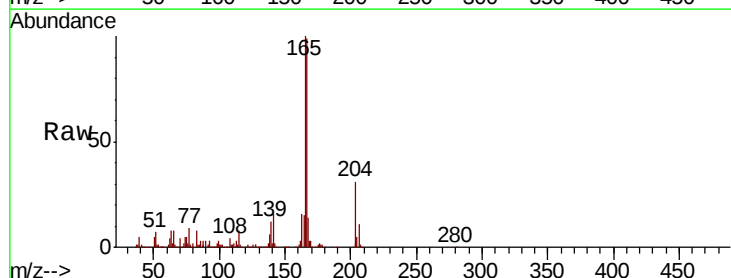
RT: 15.73 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

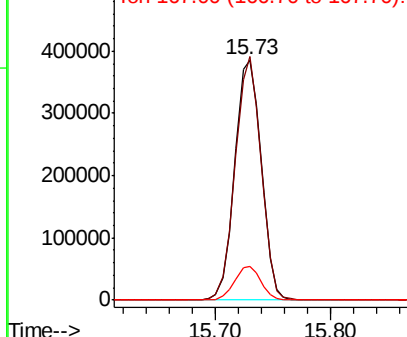
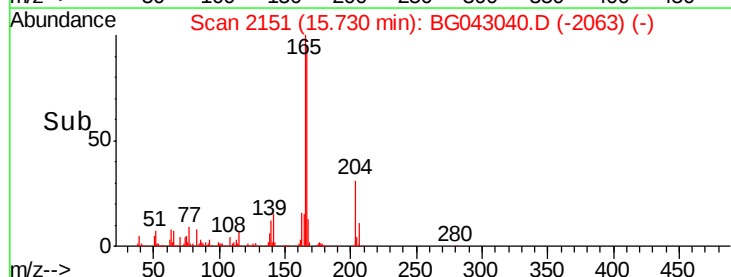
Tgt Ion:166	Resp:	612658
Ion Ratio	Lower	Upper
166	100	
165	101.5	77.1 115.7
167	14.3	11.0 16.6

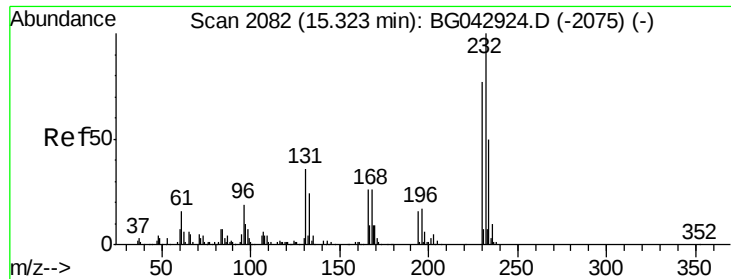


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

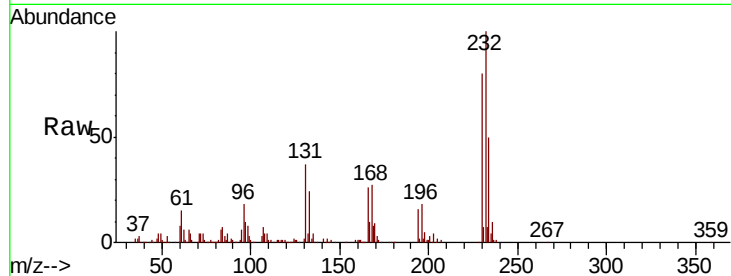




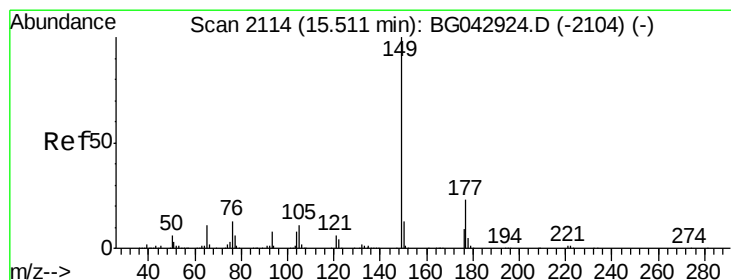
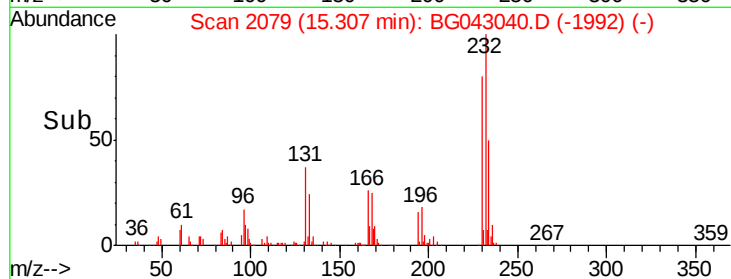
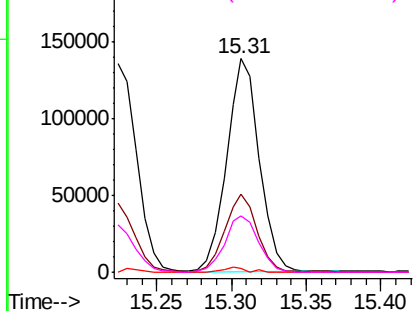
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.015 ng
 RT: 15.31 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	210212
Ion Ratio	Lower	Upper
232	100	
131	35.8	29.6 44.4
130	1.7	1.9 2.9#
166	27.3	21.8 32.8

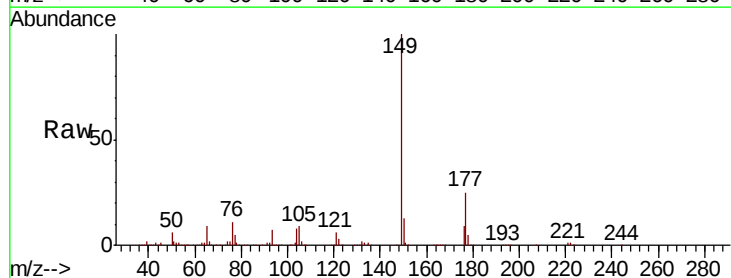


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

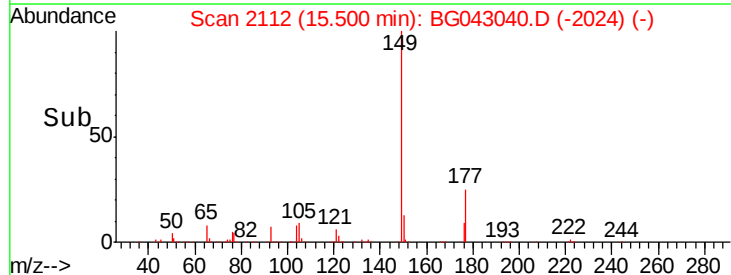
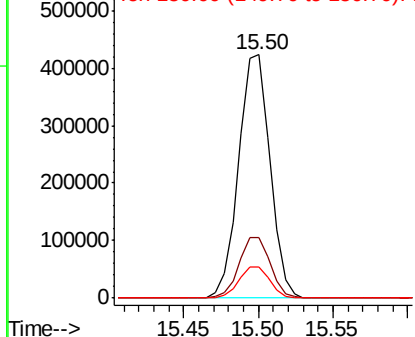


#60
 Diethylphthalate
 Concen: 37.236 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

Tgt Ion:149	Resp:	617935
Ion Ratio	Lower	Upper
149	100	
177	24.9	18.8 28.2
150	12.5	10.6 15.8



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

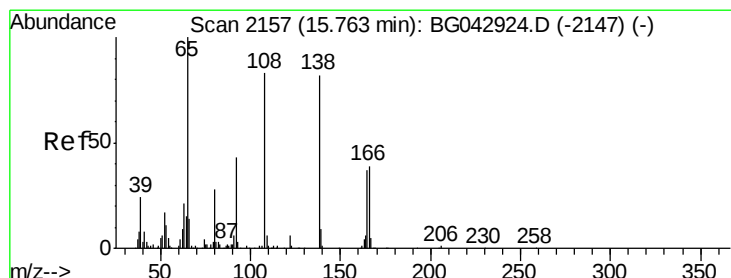
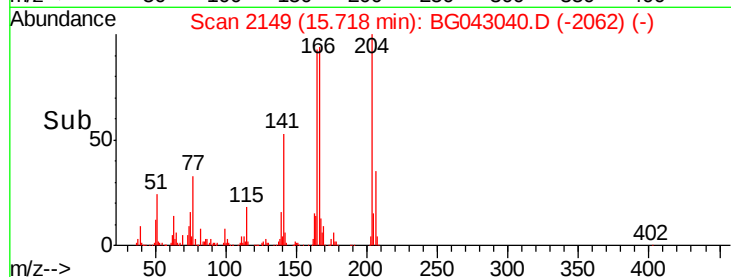
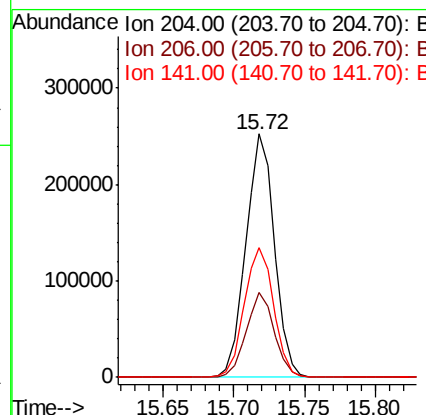
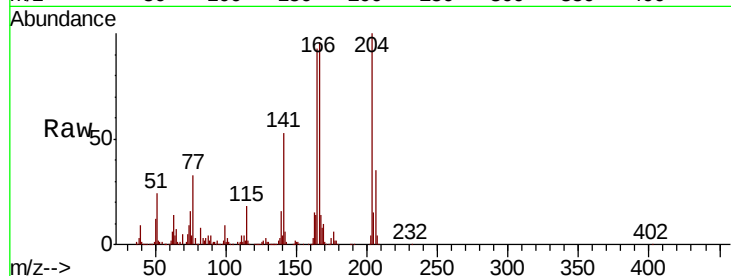




#61
 4-Chlorophenyl-phenylether
 Concen: 37.238 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.02 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

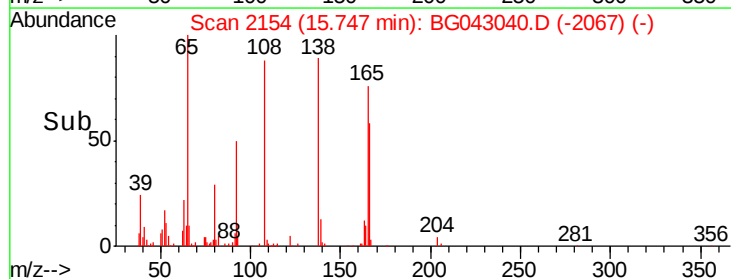
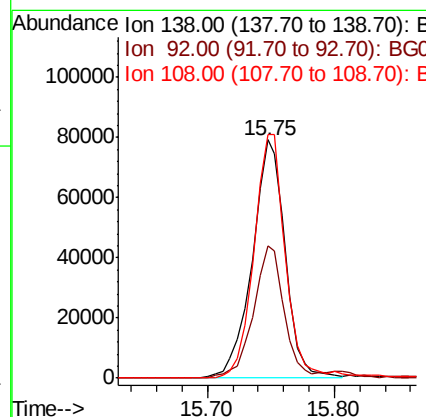
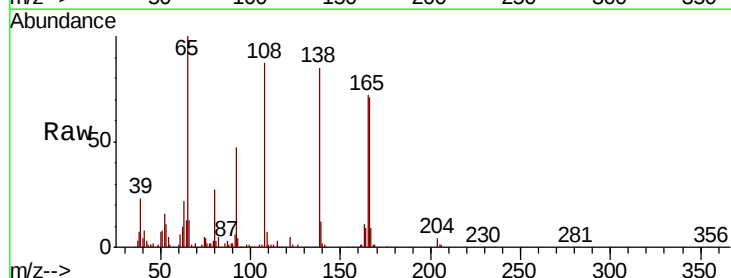
Instrument :
 BNA_G
 ClientSampleId :

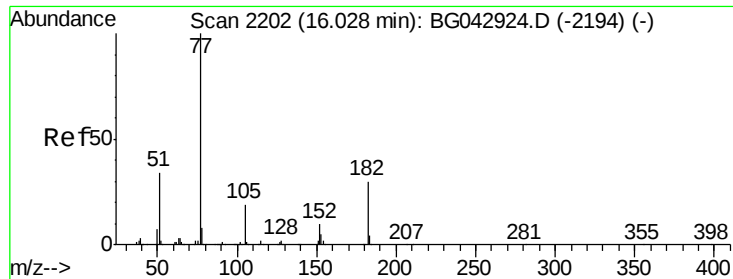
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.9	28.5	42.7
141	53.4	42.4	63.6



#62
 4-Nitroaniline
 Concen: 36.661 ng
 RT: 15.75 min Scan# 2154
 Delta R.T. -0.02 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.7	32.9	72.9
108	102.3	81.3	121.3





#63

Azobenzene

Concen: 36.002 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 543946

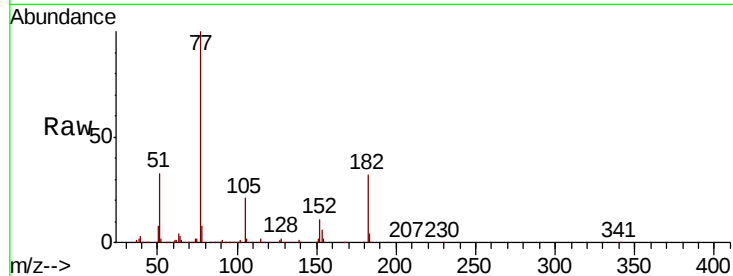
Ion Ratio Lower Upper

77 100

182 31.6 10.2 50.2

105 20.7 0.0 39.1

51 32.7 13.9 53.9

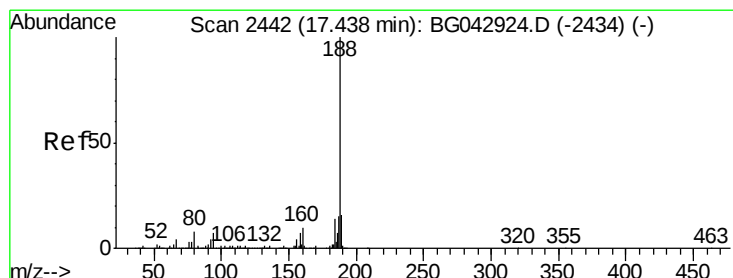
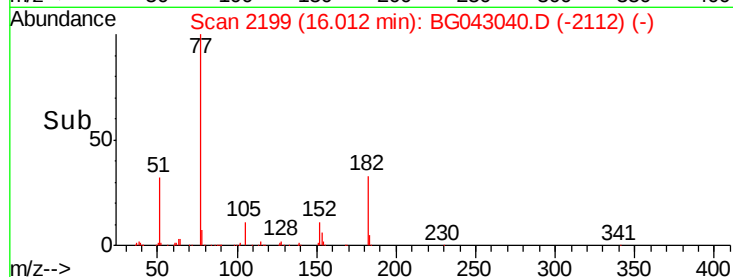
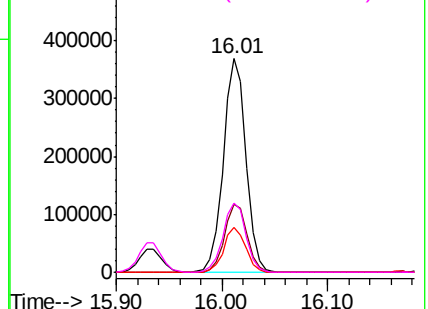


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

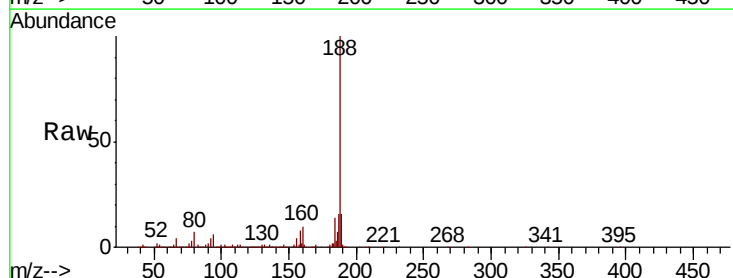
Tgt Ion: 188 Resp: 496593

Ion Ratio Lower Upper

188 100

94 5.8 5.7 8.5

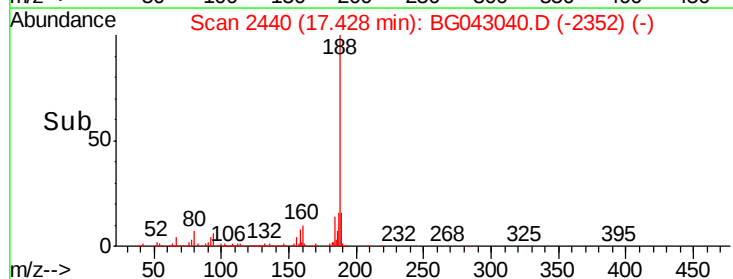
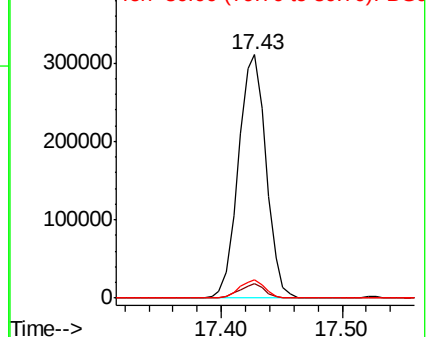
80 7.4 6.5 9.7

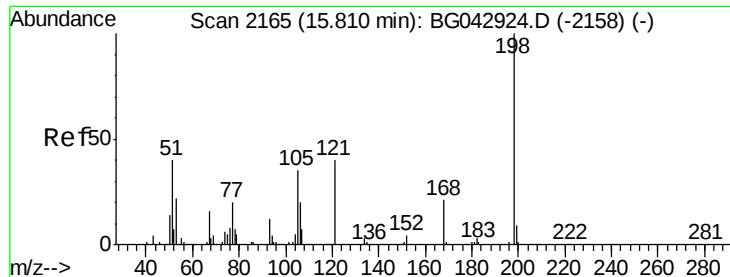


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

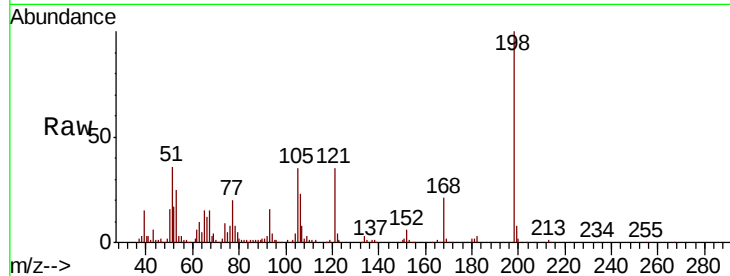




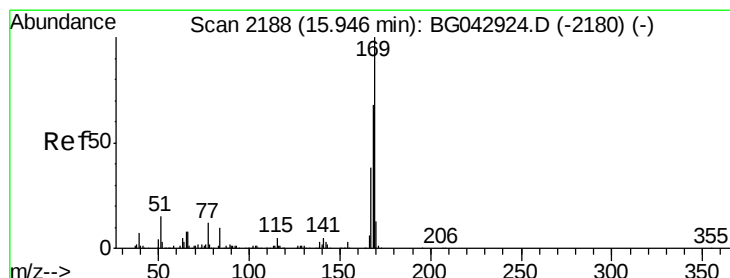
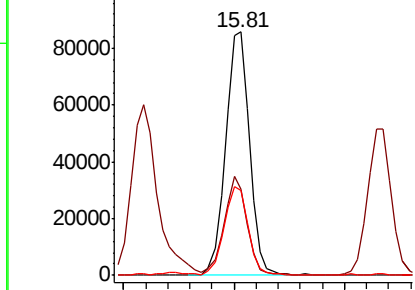
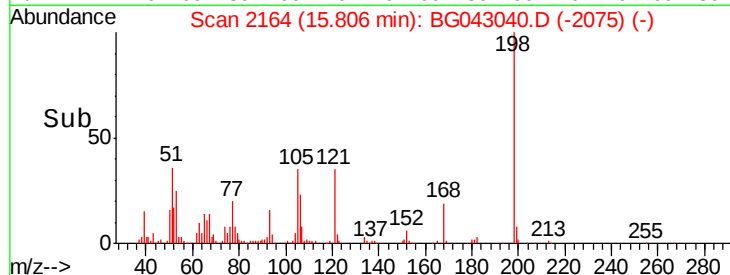
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.397 ng
 RT: 15.81 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 130378
 Ion Ratio Lower Upper
 198 100
 51 35.6 25.3 65.3
 105 34.7 16.6 56.6

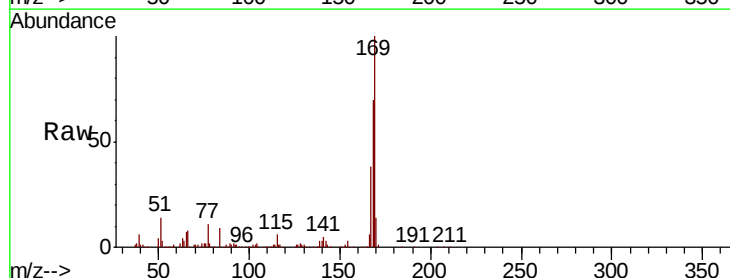


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

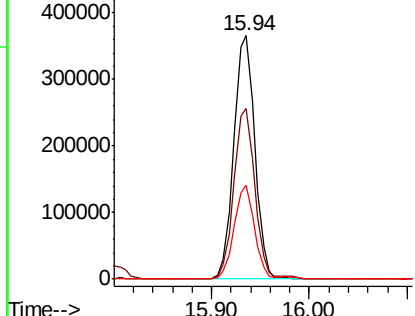
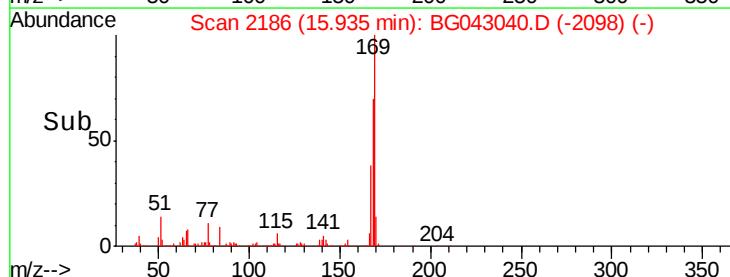


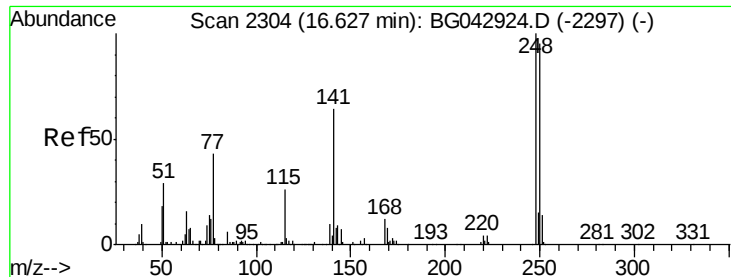
#66
 n-Nitrosodiphenylamine
 Concen: 41.749 ng
 RT: 15.94 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

Tgt Ion:169 Resp: 547308
 Ion Ratio Lower Upper
 169 100
 168 70.3 54.8 82.2
 167 38.5 30.6 46.0



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

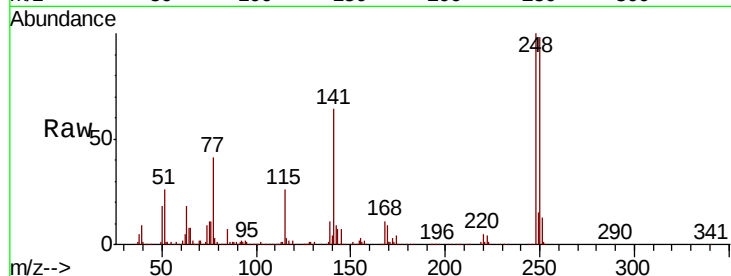




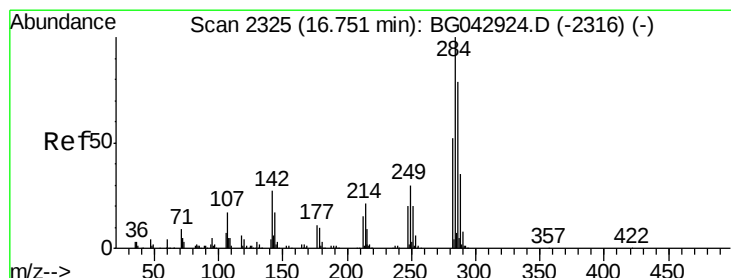
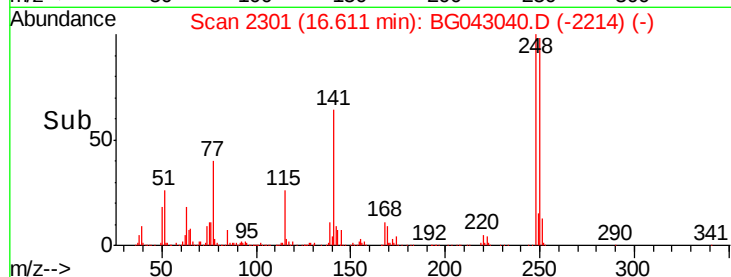
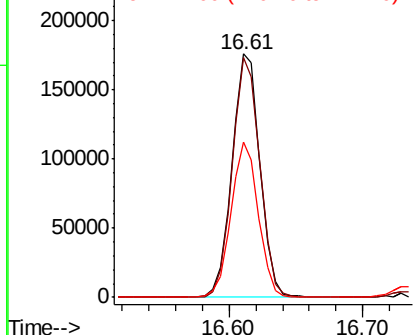
#67
4-Bromophenyl-phenylether
Concen: 41.091 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 256111
Ion Ratio Lower Upper
248 100
250 98.3 75.8 113.8
141 63.8 51.1 76.7

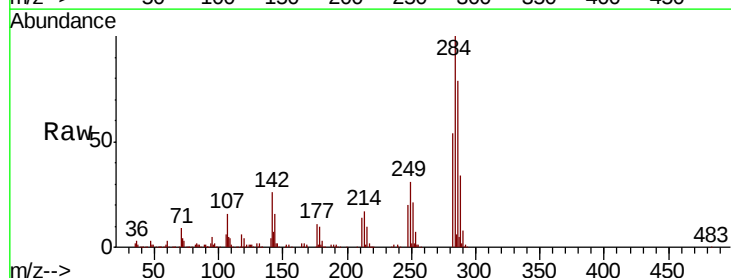


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

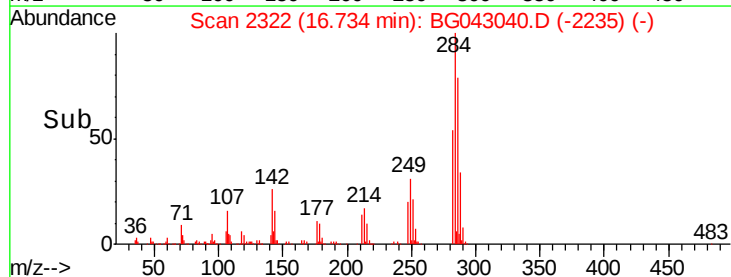
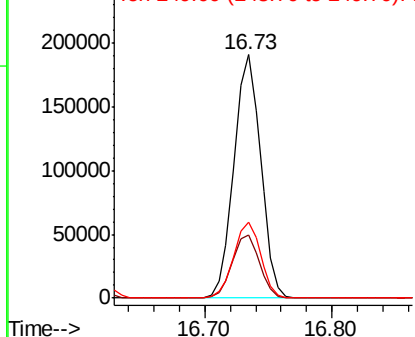


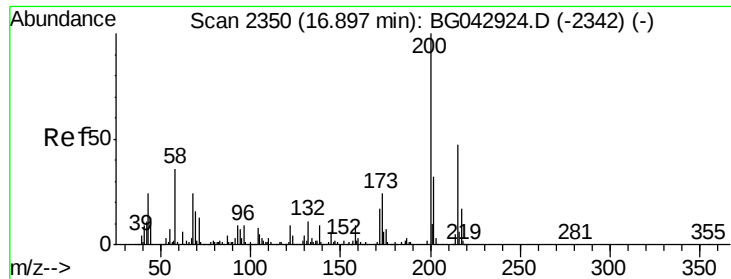
#68
Hexachlorobenzene
Concen: 40.044 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion:284 Resp: 277892
Ion Ratio Lower Upper
284 100
142 25.7 21.6 32.4
249 31.1 24.1 36.1



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

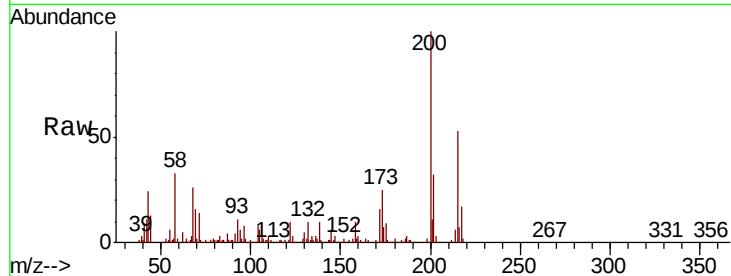




#69
Atrazine
Concen: 37.434 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.0	4.0	44.0
215	53.4	27.4	67.4

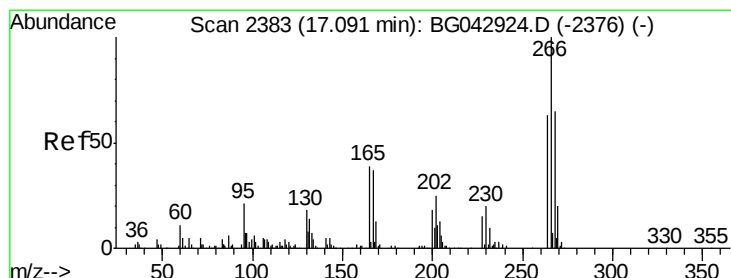
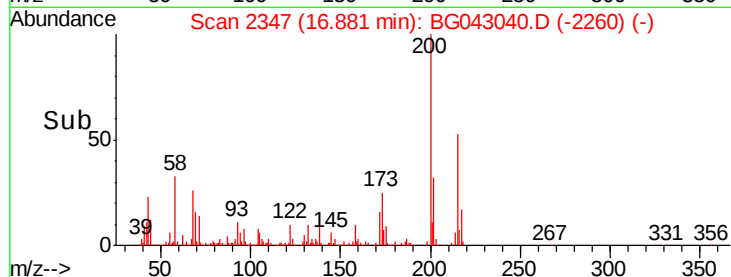
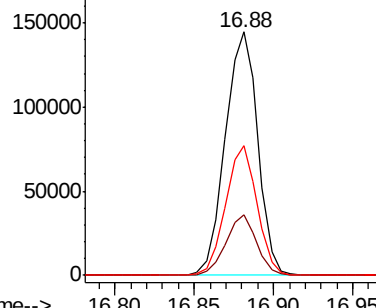


Abundance

Ion 200.00 (199.70 to 200.70): E

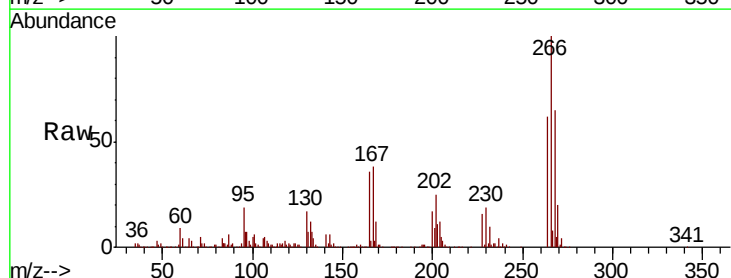
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 85.214 ng
RT: 17.08 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.3	52.2	78.2
264	62.4	50.7	76.1

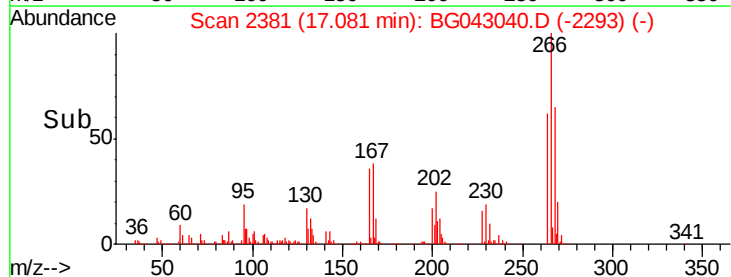
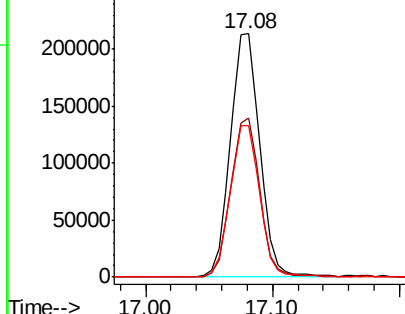


Abundance

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: 39.673 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Instrument :

BNA_G

ClientSampleId :

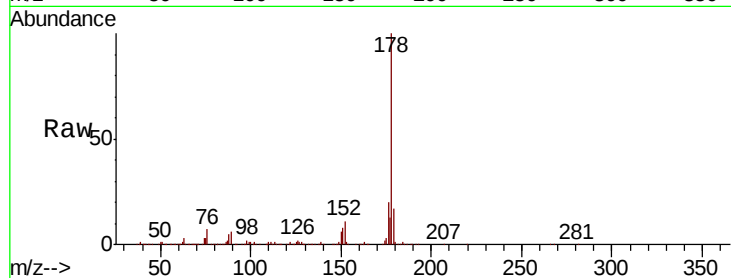
Tot Ion:178 Resp: 961826

Ion Ratio Lower Upper

178 100

176 20.4 15.1 22.7

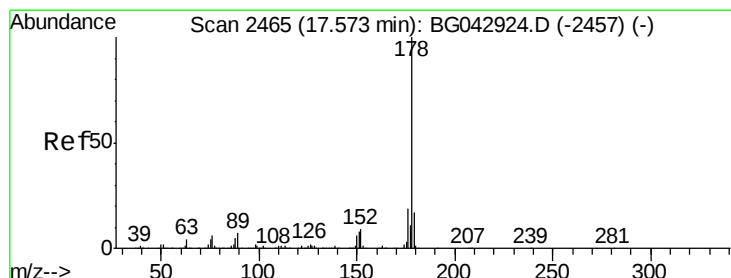
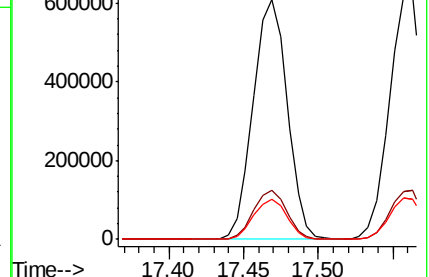
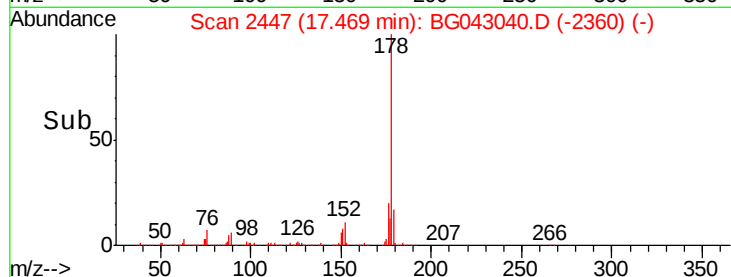
179 16.6 14.1 21.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.742 ng

RT: 17.56 min Scan# 2462

Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

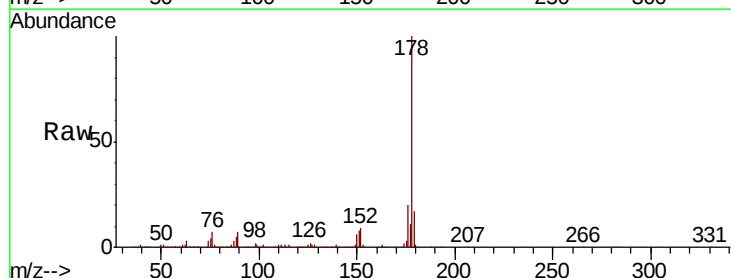
Tgt Ion:178 Resp: 986069

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

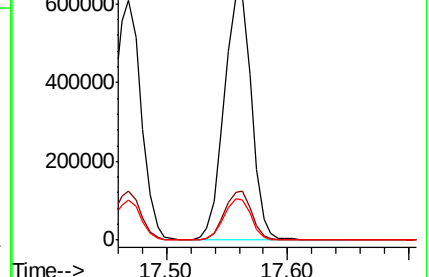
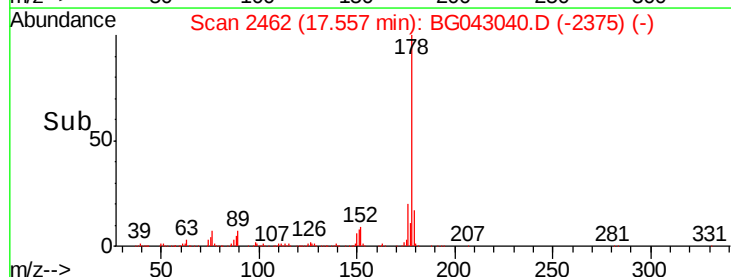
179 16.8 13.5 20.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

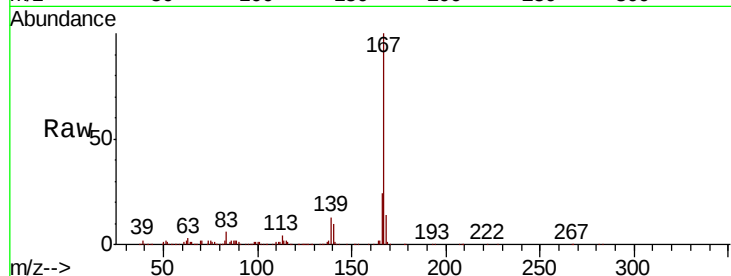




#73
 Carbazole
 Concen: 39.745 ng
 RT: 17.83 min Scan# 2508
 Delta R.T. -0.02 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.7	18.6	28.0
139	12.9	10.8	16.2

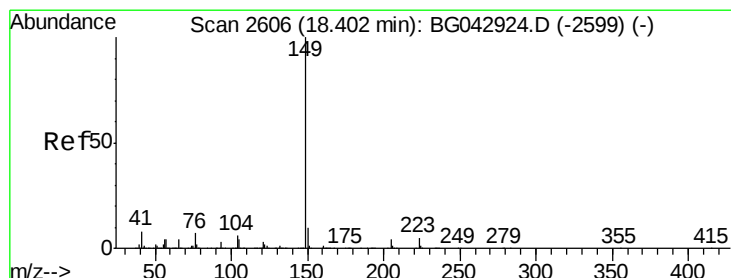
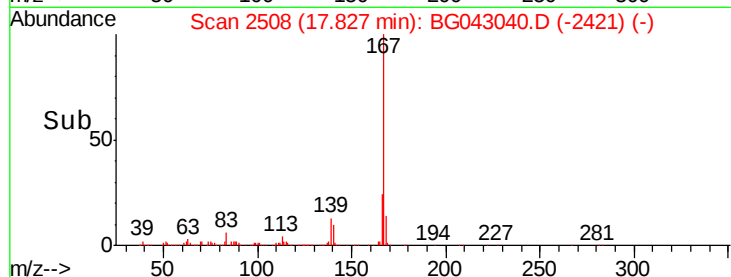
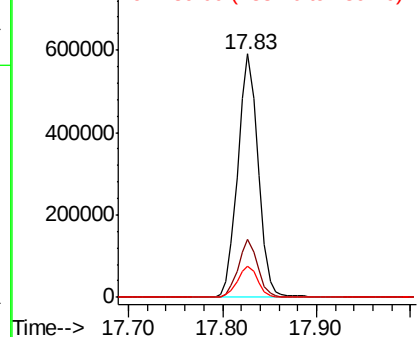


Abundance

Ion 167.00 (166.70 to 167.70): E

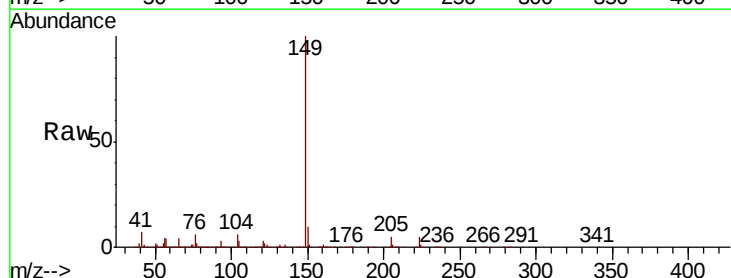
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 37.911 ng
 RT: 18.39 min Scan# 2603
 Delta R.T. -0.02 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.7	11.5
104	6.0	5.0	7.6

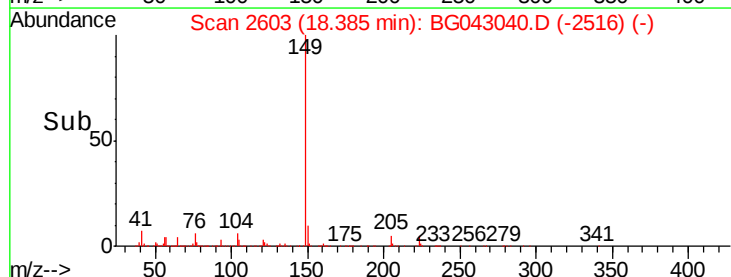
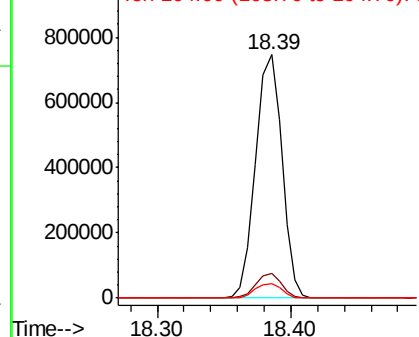


Abundance

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: 37.729 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

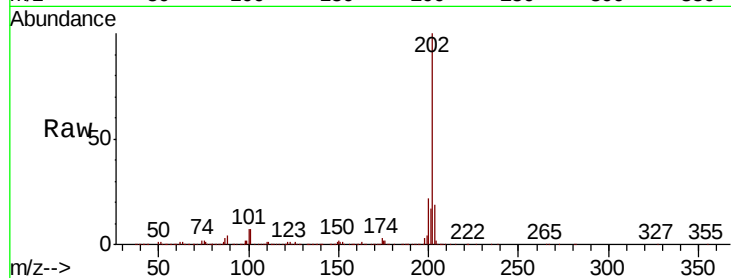
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1209850

Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	27.3
203	19.1	0.0	39.5

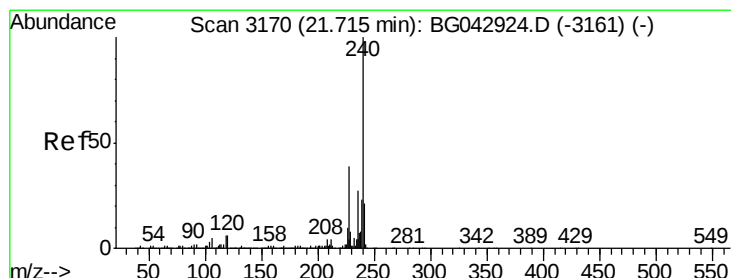
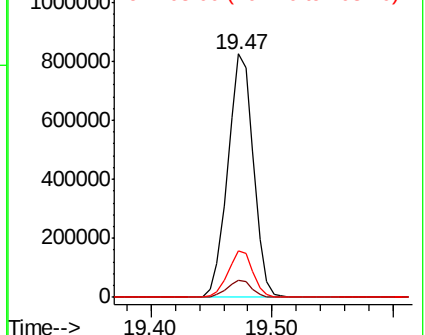
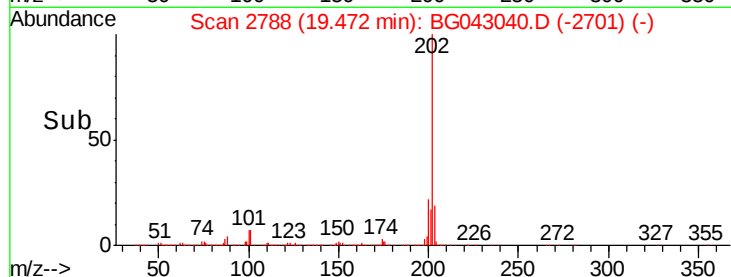


Abundance

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: 21.70 min Scan# 3167

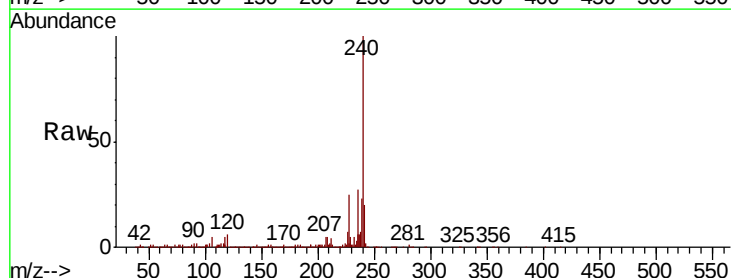
Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Tgt Ion:240 Resp: 531712

Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.8	7.2
236	26.7	21.4	32.0

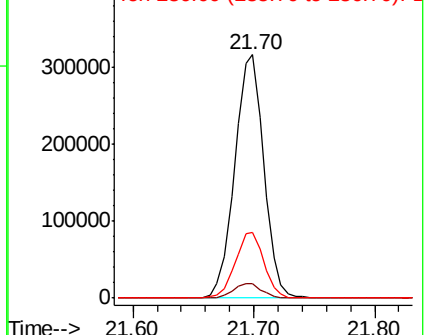
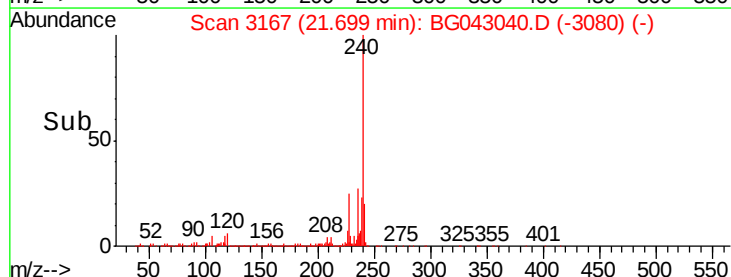


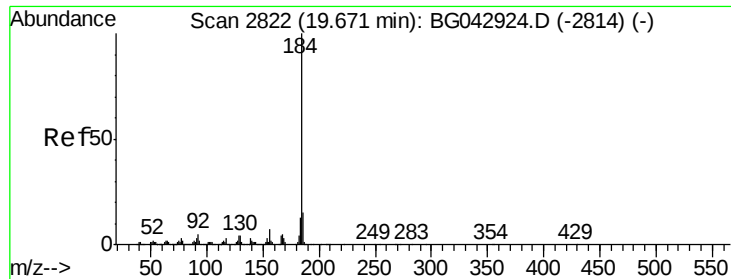
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 53.667 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

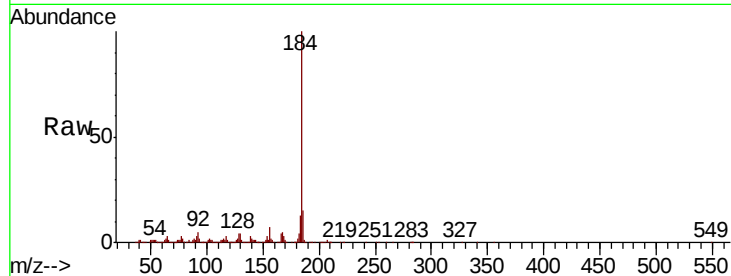
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 714496

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.8	17.8
183	13.5	10.1	15.1

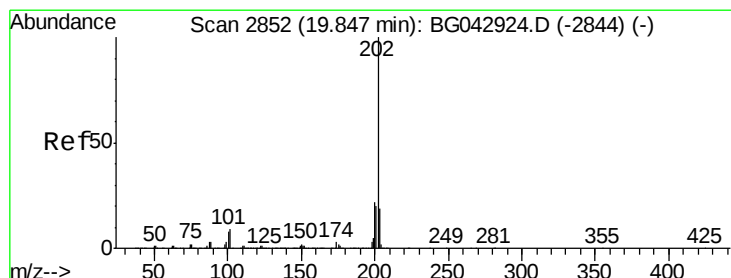
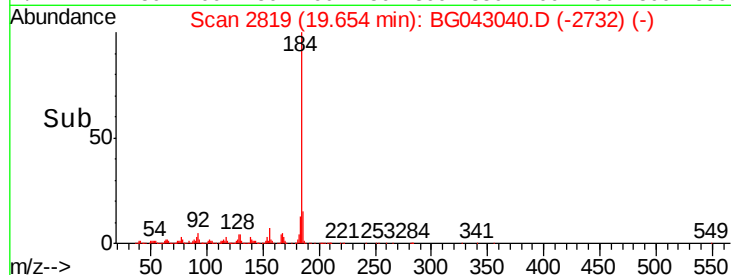
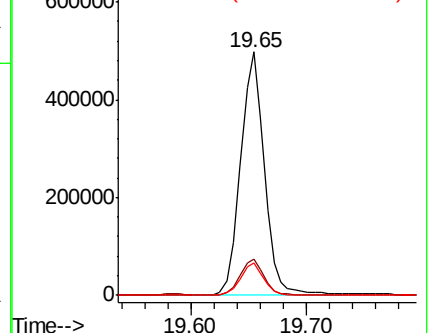


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.143 ng

RT: 19.84 min Scan# 2850

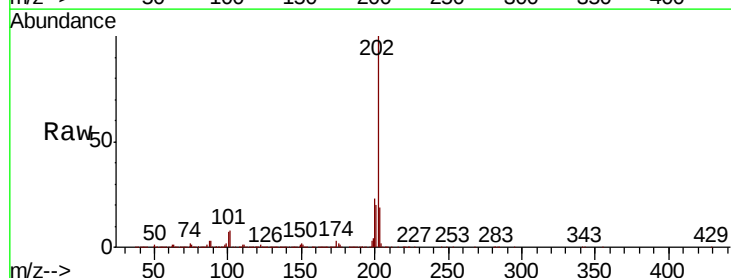
Delta R.T. -0.01 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Tgt Ion:202 Resp: 1242232

Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.6	26.4
203	19.4	15.2	22.8

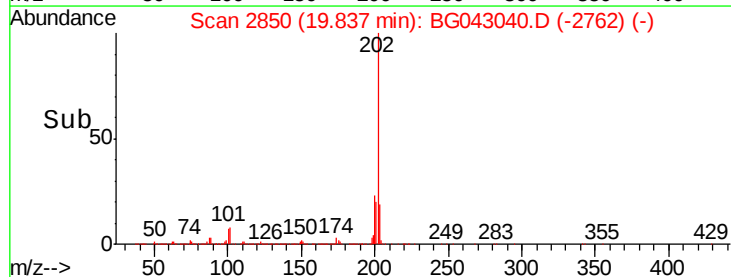
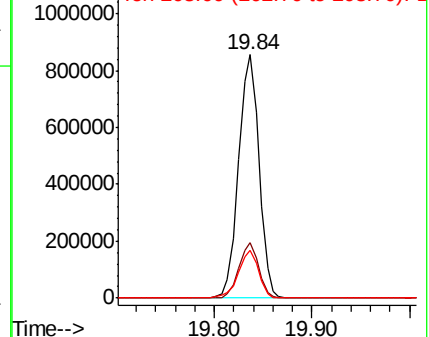


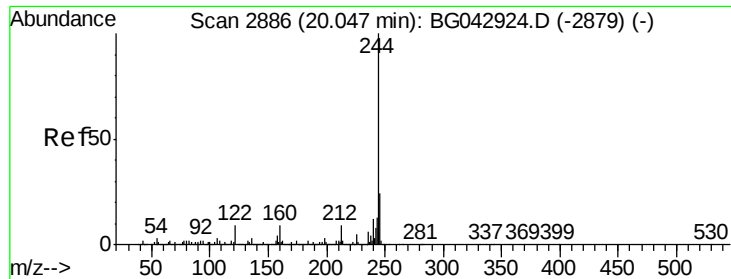
Abundance

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: 77.799 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

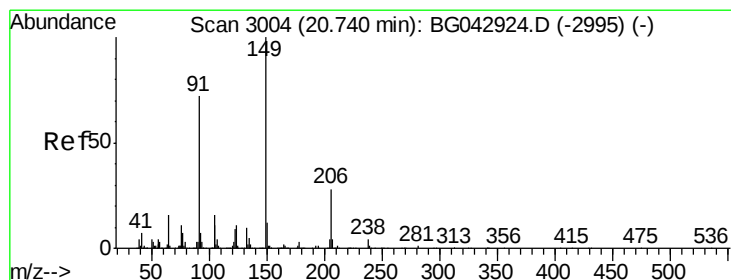
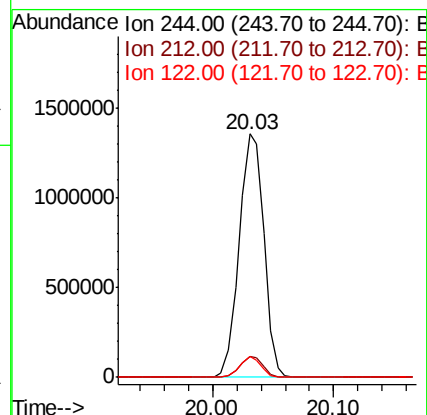
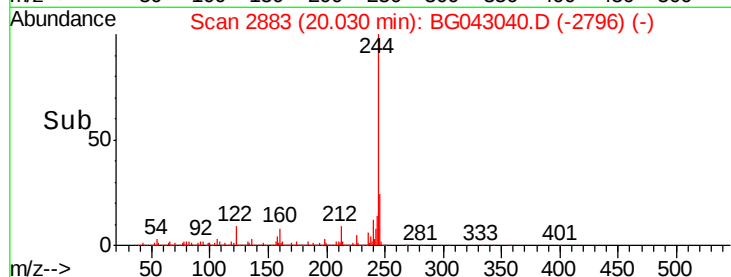
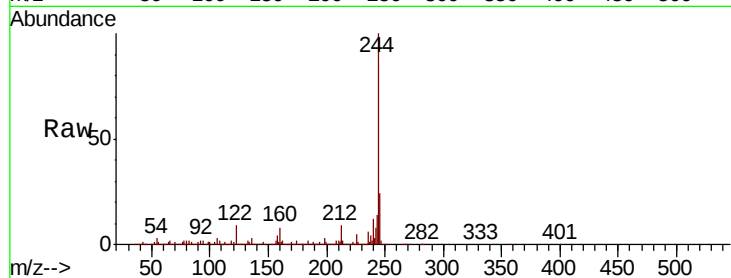
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1941299

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.4	11.0
122	8.6	7.0	10.4



#80

Butylbenzylphthalate

Concen: 39.913 ng

RT: 20.72 min Scan# 3000

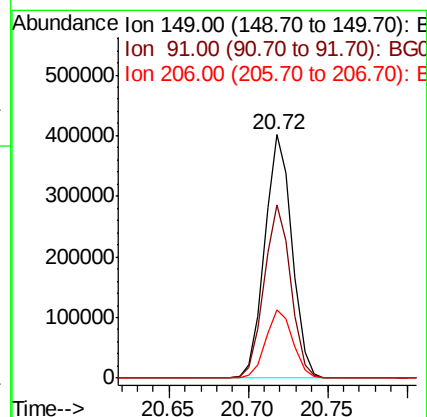
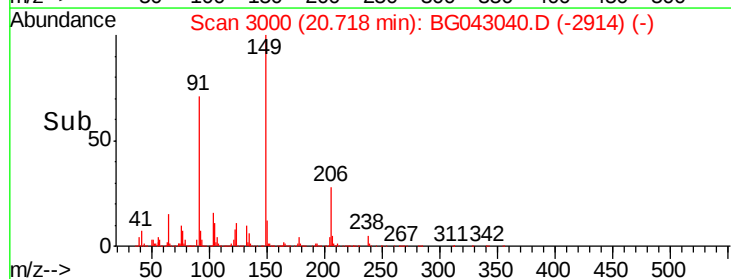
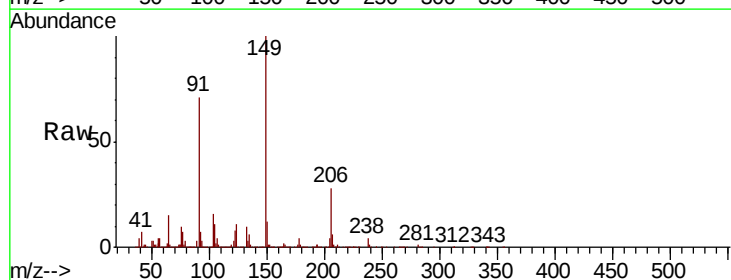
Delta R.T. -0.02 min

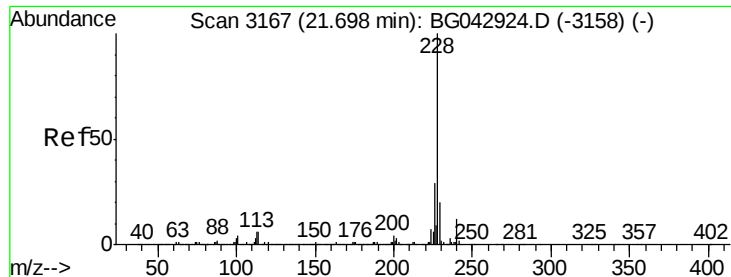
Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Tgt Ion:149 Resp: 480796

Ion	Ratio	Lower	Upper
149	100		
91	71.1	57.7	86.5
206	27.8	22.6	33.8





#81

Benzo(a)anthracene

Concen: 38.825 ng

RT: 21.68 min Scan# 3163

Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

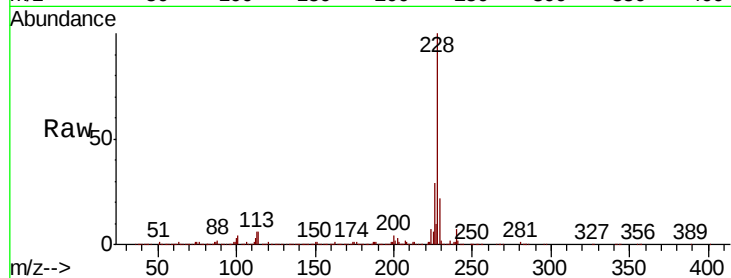
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1286286

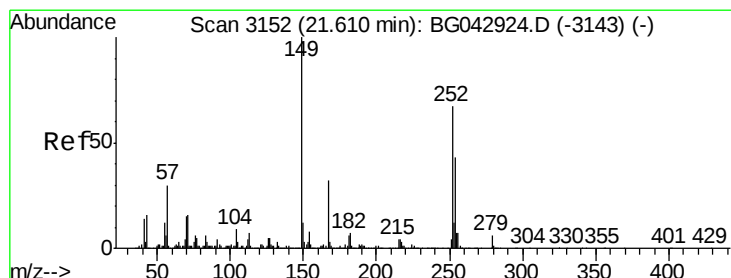
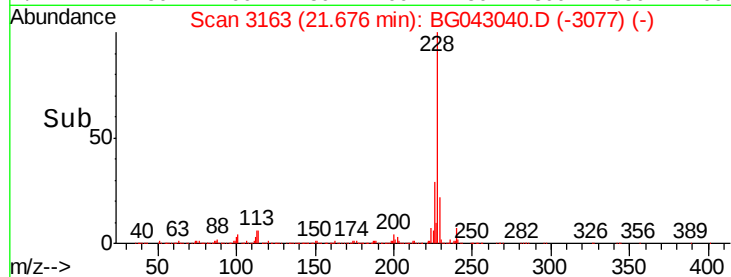
Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.0	34.4
229	21.9	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 21.466 ng

RT: 21.59 min Scan# 3148

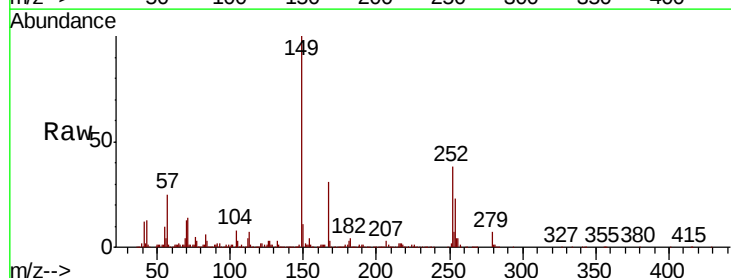
Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Tgt Ion:252 Resp: 278927

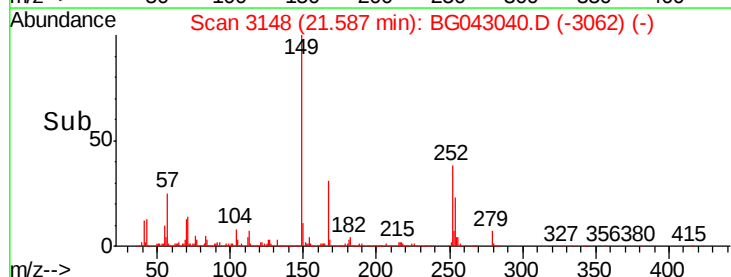
Ion	Ratio	Lower	Upper
252	100		
254	61.3	51.9	77.9
126	7.6	6.1	9.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

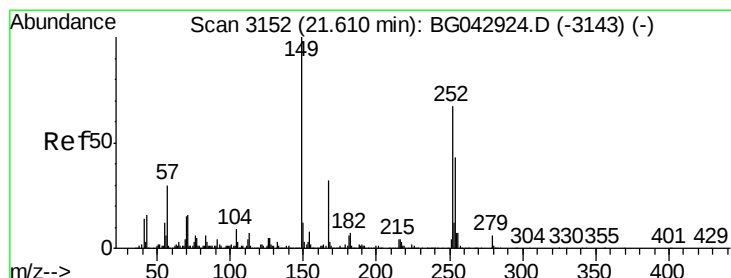
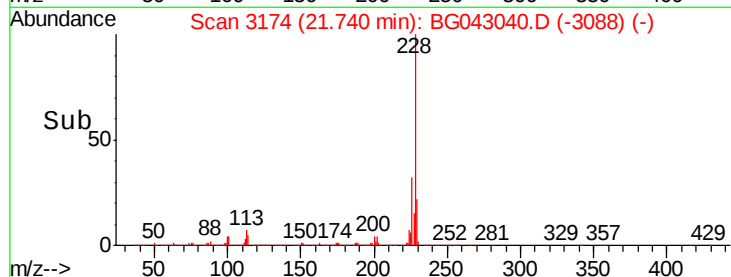
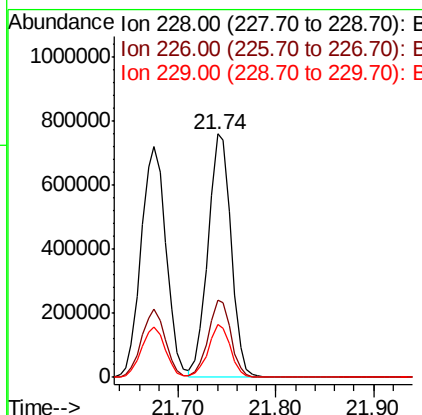
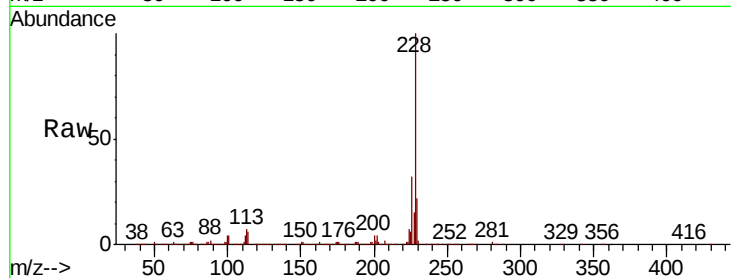




#83
Chrysene
Concen: 38.653 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

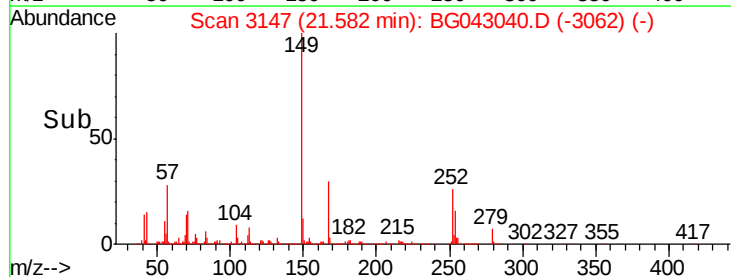
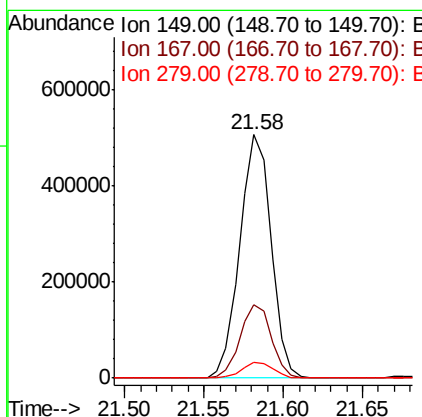
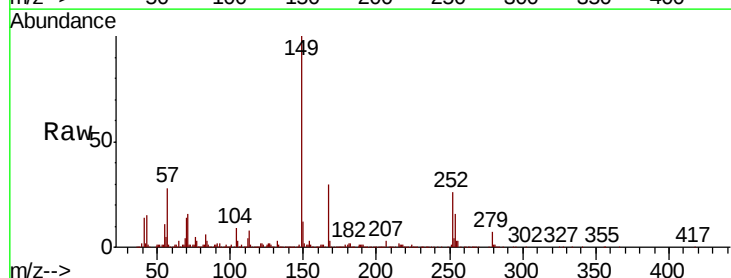
Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 1242727
Ion Ratio Lower Upper
228 100
226 31.9 25.6 38.4
229 21.8 16.9 25.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.379 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.03 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion:149 Resp: 692136
Ion Ratio Lower Upper
149 100
167 30.1 25.4 38.2
279 6.5 5.1 7.7

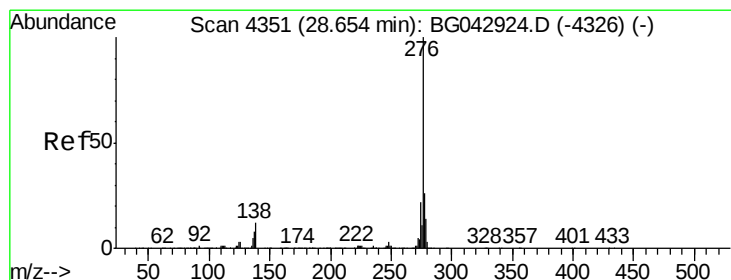
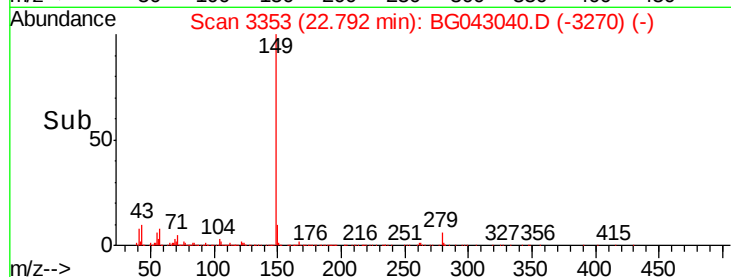
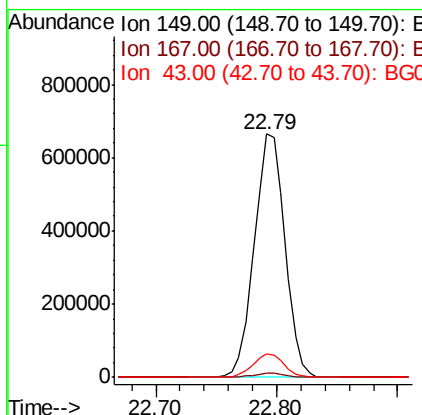
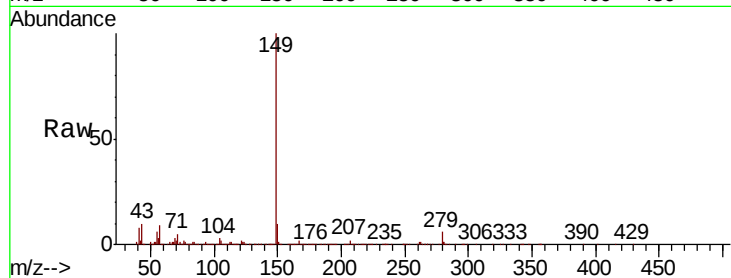




#85
Di-n-octyl phthalate
Concen: 41.704 ng
RT: 22.79 min Scan# 3353
Delta R.T. -0.04 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

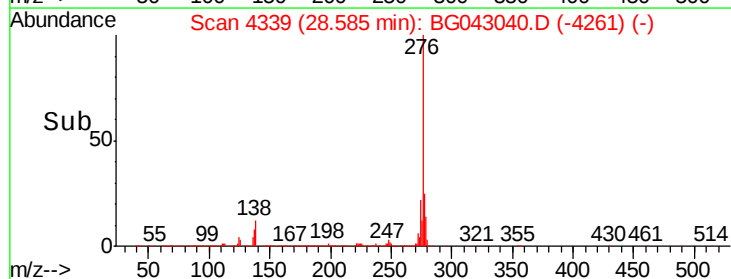
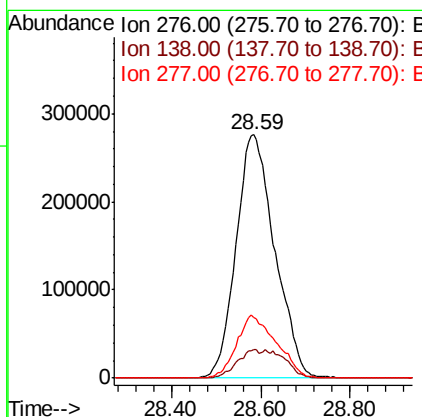
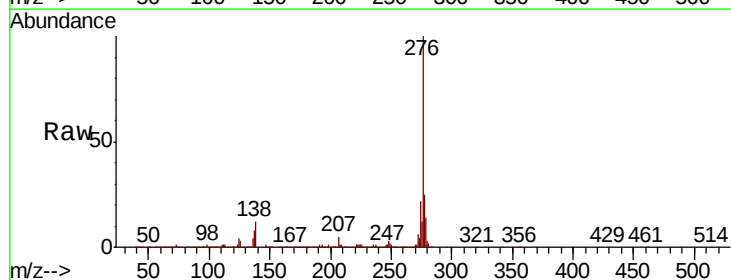
Instrument :
BNA_G
ClientSampleId :

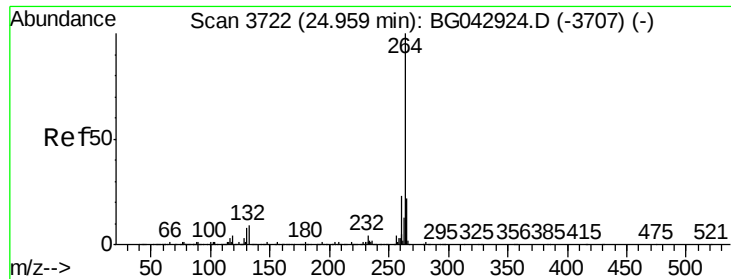
Tot Ion:149 Resp: 1168933
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 9.6 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.487 ng
RT: 28.59 min Scan# 4339
Delta R.T. -0.07 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion:276 Resp: 1660528
Ion Ratio Lower Upper
276 100
138 6.8 7.0 10.6#
277 26.5 20.9 31.3

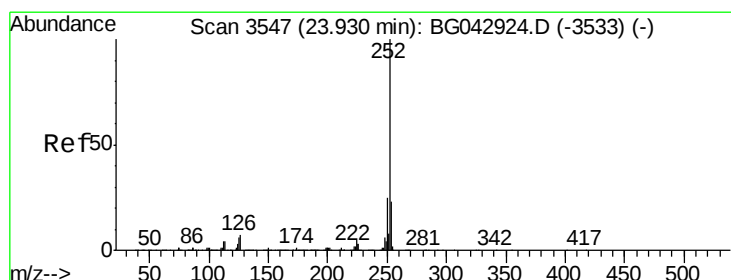
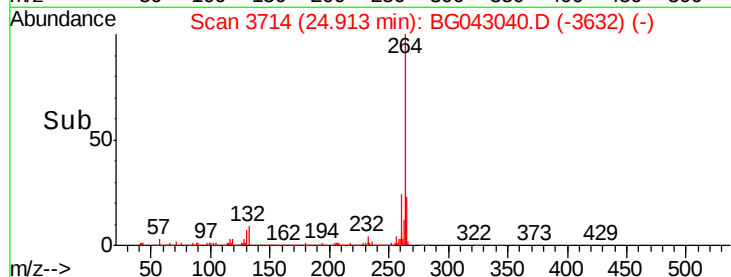
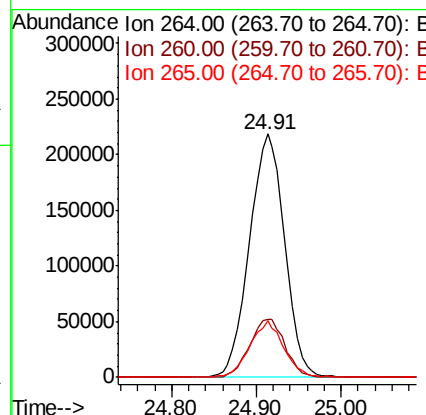
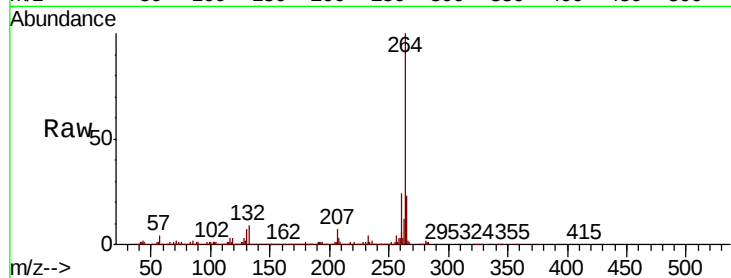




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3714
Delta R.T. -0.05 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

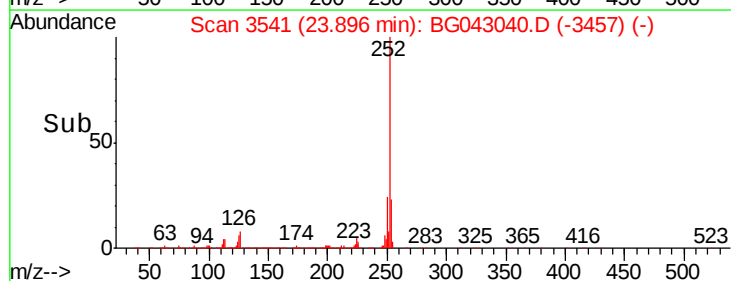
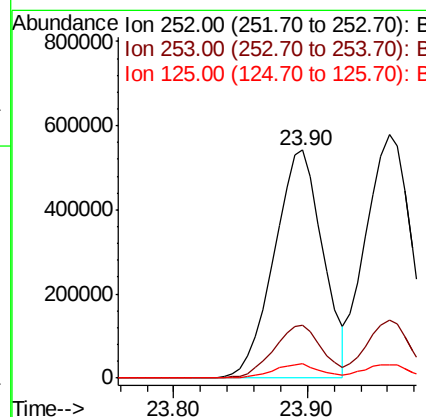
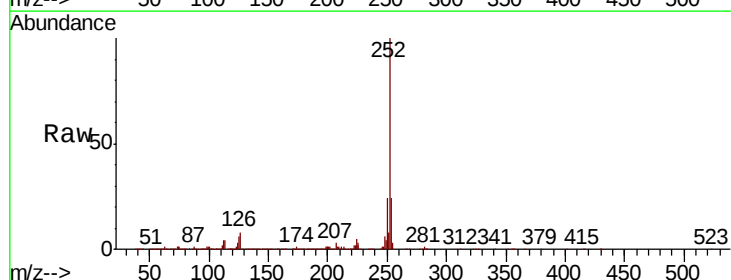
Instrument :
BNA_G
ClientSampled :

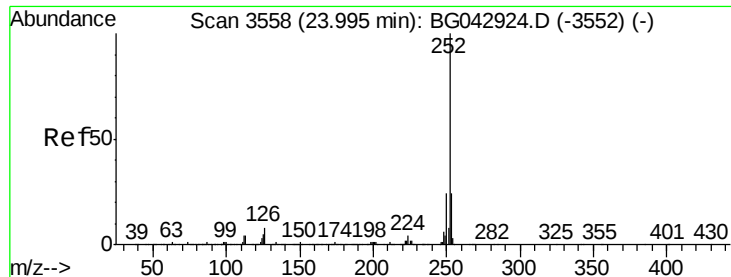
Tot Ion:264 Resp: 631792
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 23.3 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 38.422 ng
RT: 23.90 min Scan# 3541
Delta R.T. -0.03 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion:252 Resp: 1373537
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.2
125 6.1 4.6 7.0

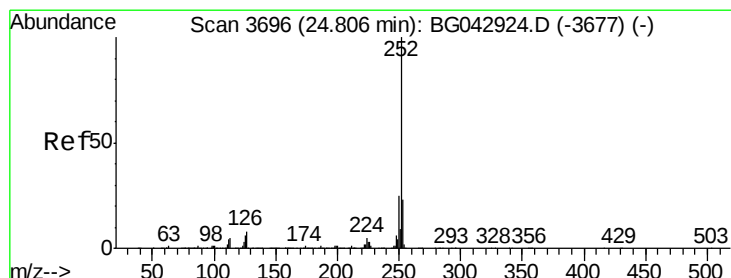
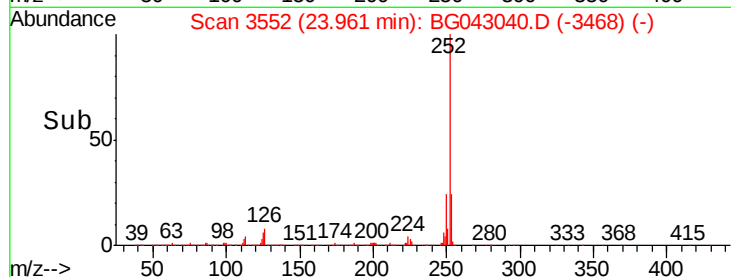
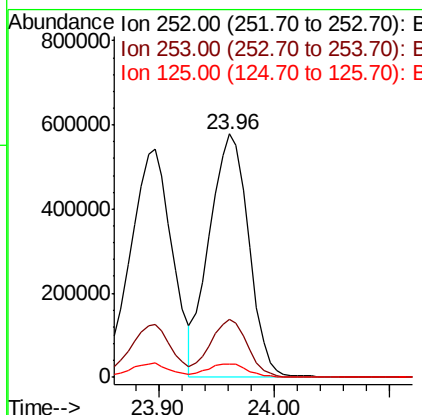
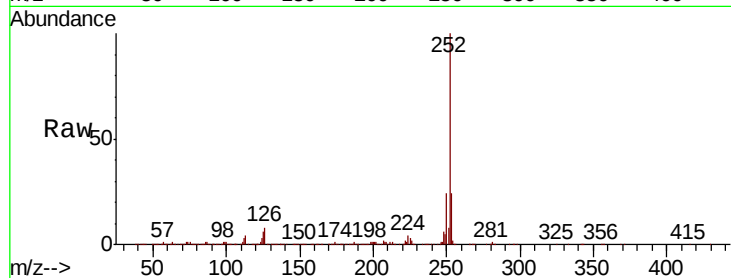




#89
Benzo(k)fluoranthene
Concen: 38.546 ng
RT: 23.96 min Scan# 3552
Delta R.T. -0.03 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

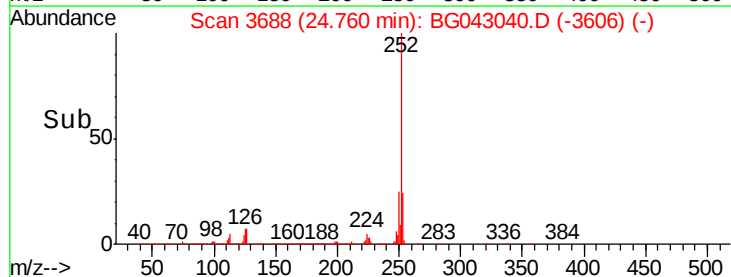
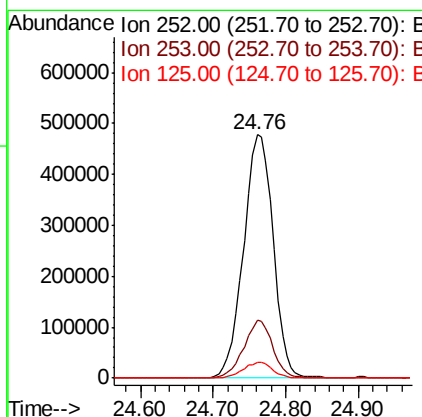
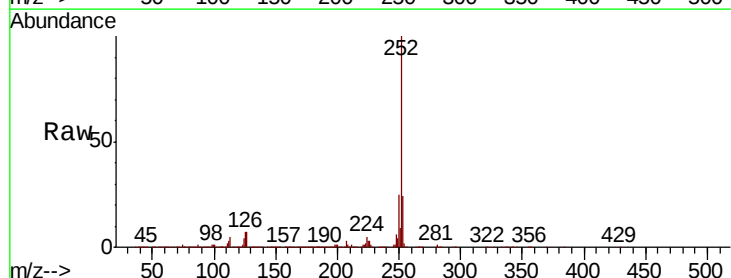
Instrument :
BNA_G
ClientSampleId :

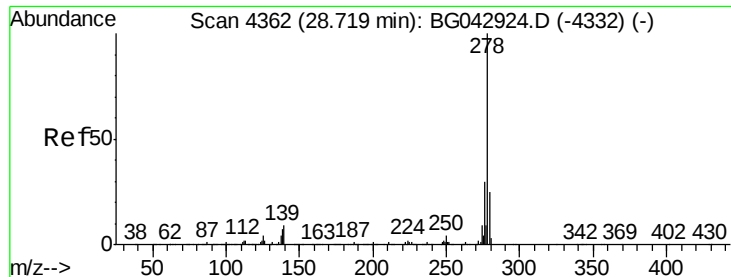
Tot Ion:252 Resp: 1363190
Ion Ratio Lower Upper
252 100
253 23.9 18.9 28.3
125 5.7 4.5 6.7



#90
Benzo(a)pyrene
Concen: 40.281 ng
RT: 24.76 min Scan# 3688
Delta R.T. -0.05 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion:252 Resp: 1358574
Ion Ratio Lower Upper
252 100
253 24.0 18.2 27.4
125 6.6 5.0 7.6

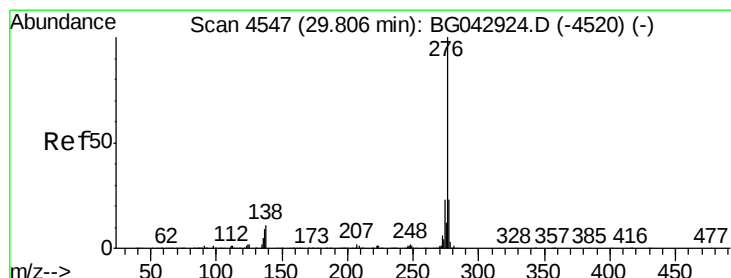
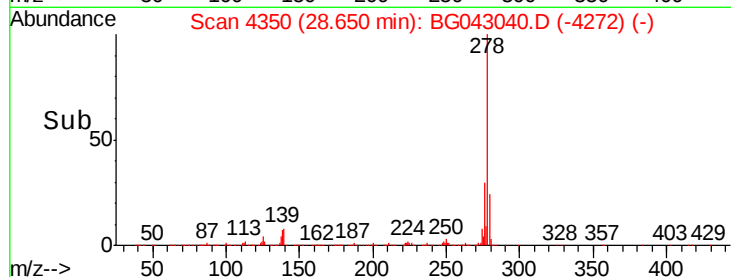
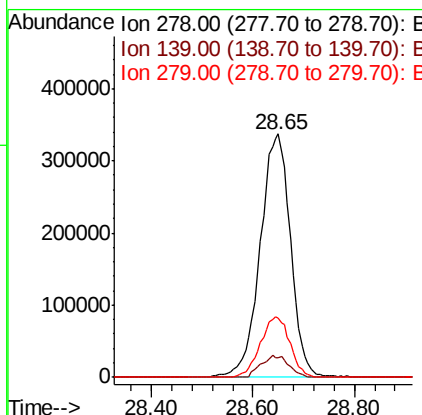
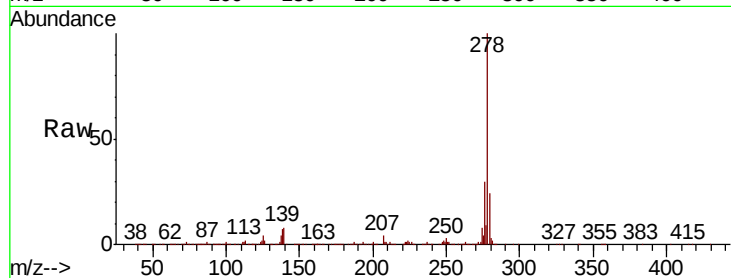




#91
Dibenzo(a,h)anthracene
Concen: 40.558 ng
RT: 28.65 min Scan# 4350
Delta R.T. -0.07 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1402686
Ion Ratio Lower Upper
278 100
139 8.3 6.8 10.2
279 24.4 20.1 30.1



#92
Benzo(g,h,i)perylene
Concen: 40.923 ng
RT: 29.72 min Scan# 4533
Delta R.T. -0.08 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion:276 Resp: 1371310
Ion Ratio Lower Upper
276 100
277 24.3 18.4 27.6
138 11.3 8.6 12.8

