

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
 Data File : BG043948.D
 Acq On : 7 Jan 2020 9:58
 Operator : JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 07 16:44:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	134294	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	575941	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	379995	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	809883	20.00	ng	0.00
76) Chrysene-d12	21.59	240	672041	20.00	ng	0.00
87) Perylene-d12	24.71	264	779993	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	622584	85.12	ng	0.00
7) Phenol-d6	7.12	99	873259	85.42	ng	0.00
23) Nitrobenzene-d5	9.12	82	816435	75.83	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	339270	85.32	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1745642	83.23	ng	0.00
79) Terphenyl-d14	19.95	244	2296713	81.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	133617	41.899	ng	96
3) Pyridine	3.83	79	398231	42.271	ng	97
4) n-Nitrosodimethylamine	3.74	42	165012	39.341	ng	99
6) Aniline	7.28	93	541452	40.321	ng	98
8) 2-Chlorophenol	7.53	128	350570	40.828	ng	98
9) Benzaldehyde	7.09	77	237479	36.293	ng	98
10) Phenol	7.15	94	444688	42.216	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	358453	39.423	ng	99
12) 1,3-Dichlorobenzene	7.85	146	406799	40.486	ng	99
13) 1,4-Dichlorobenzene	7.99	146	403942	40.744	ng	99
14) 1,2-Dichlorobenzene	8.32	146	383633	40.315	ng	99
15) Benzyl Alcohol	8.19	79	322754	40.000	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	529315	37.627	ng	99
17) 2-Methylphenol	8.40	107	314890	41.309	ng	99
18) Hexachloroethane	9.05	117	154885	40.149	ng	96
19) n-Nitroso-di-n-propylamine	8.77	70	296396	38.929	ng	98
20) 3+4-Methylphenols	8.73	107	438412	41.228	ng	97
22) Acetophenone	8.78	105	562779	39.305	ng	# 98
24) Nitrobenzene	9.16	77	408855	38.343	ng	98
25) Isophorone	9.69	82	784452	38.838	ng	99
26) 2-Nitrophenol	9.87	139	206656	40.964	ng	99
27) 2,4-Dimethylphenol	9.93	122	302633	39.852	ng	99
28) bis(2-Chloroethoxy)methane	10.17	93	524827	38.975	ng	100
29) 2,4-Dichlorophenol	10.41	162	369851	40.830	ng	97
30) 1,2,4-Trichlorobenzene	10.63	180	402246	39.604	ng	98
31) Naphthalene	10.81	128	1130581	40.565	ng	99
32) Benzoic acid	10.07	122	147931	27.062	ng	94
33) 4-Chloroaniline	10.91	127	535030	40.248	ng	99
34) Hexachlorobutadiene	11.11	225	242799	39.154	ng	98
35) Caprolactam	11.69	113	138619	41.107	ng	91
36) 4-Chloro-3-methylphenol	12.04	107	405328	42.033	ng	98
37) 2-Methylnaphthalene	12.42	142	850977	40.556	ng	98
38) 1-Methylnaphthalene	12.64	142	811190	40.791	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	440740	39.572	ng	100

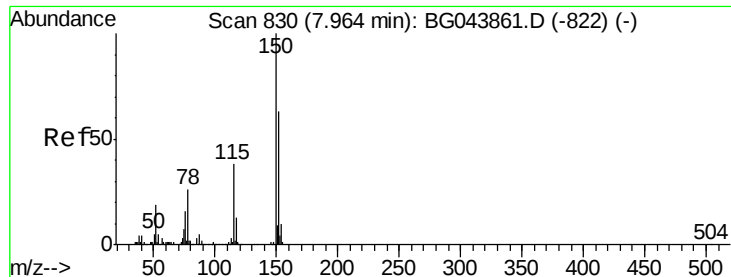
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
 Data File : BG043948.D
 Acq On : 7 Jan 2020 9:58
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 07 16:44:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	209447	36.273	ng	100
43) 2,4,6-Trichlorophenol	13.02	196	308202	40.216	ng	99
44) 2,4,5-Trichlorophenol	13.10	196	321519	40.677	ng	98
46) 1,1'-Biphenyl	13.43	154	1113507	40.870	ng	100
47) 2-Chloronaphthalene	13.47	162	885723	40.231	ng	99
48) 2-Nitroaniline	13.66	65	291502	41.162	ng	99
49) Acenaphthylene	14.32	152	1307145	41.309	ng	99
50) Dimethylphthalate	14.05	163	1112083	41.217	ng	99
51) 2,6-Dinitrotoluene	14.16	165	250614	41.095	ng	99
52) Acenaphthene	14.66	154	898132	40.473	ng	99
53) 3-Nitroaniline	14.49	138	287098	41.457	ng	98
54) 2,4-Dinitrophenol	14.69	184	99920	35.440	ng	95
55) Dibenzofuran	14.99	168	1270521	41.590	ng	99
56) 4-Nitrophenol	14.80	139	213991	40.324	ng	98
57) 2,4-Dinitrotoluene	14.94	165	348468	41.994	ng	95
58) Fluorene	15.64	166	1012719	41.826	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	286788	42.196	ng	97
60) Diethylphthalate	15.41	149	1138688	42.195	ng	100
61) 4-Chlorophenyl-phenylether	15.63	204	543645	41.350	ng	99
62) 4-Nitroaniline	15.65	138	294156	43.013	ng	97
63) Azobenzene	15.93	77	1048077	41.878	ng	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	156492	38.463	ng	97
66) n-Nitrosodiphenylamine	15.84	169	943652	39.566	ng	98
67) 4-Bromophenyl-phenylether	16.52	248	358615	39.371	ng	99
68) Hexachlorobenzene	16.65	284	390356	39.772	ng	99
69) Atrazine	16.80	200	311336	40.159	ng	99
70) Pentachlorophenol	16.99	266	198829	36.749	ng	97
71) Phenanthrene	17.38	178	1582549	40.739	ng	99
72) Anthracene	17.46	178	1566983	40.816	ng	100
73) Carbazole	17.74	167	1464946	41.310	ng	99
74) Di-n-butylphthalate	18.31	149	1812239	40.026	ng	99
75) Fluoranthene	19.39	202	1776059	39.978	ng	100
77) Benzidine	19.56	184	810186	47.962	ng	98
78) Pyrene	19.74	202	1773585	40.431	ng	99
80) Butylbenzylphthalate	20.64	149	866204	41.476	ng	98
81) Benzo(a)anthracene	21.57	228	1721436	41.310	ng	99
82) 3,3'-Dichlorobenzidine	21.48	252	667946	40.572	ng	100
83) Chrysene	21.63	228	1650661	41.688	ng	100
84) Bis(2-ethylhexyl)phthalate	21.50	149	1176558	40.829	ng	99
85) Di-n-octyl phthalate	22.68	149	2022564	41.749	ng	99
86) Indeno(1,2,3-cd)pyrene	28.25	276	2089727	38.835	ng	# 91
88) Benzo(b)fluoranthene	23.72	252	1860266	40.343	ng	99
89) Benzo(k)fluoranthene	23.79	252	1771292	40.395	ng	99
90) Benzo(a)pyrene	24.56	252	1756867	40.368	ng	99
91) Dibenzo(a,h)anthracene	28.32	278	1709071	39.102	ng	99
92) Benzo(g,h,i)perylene	29.36	276	1651003	38.028	ng	98

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

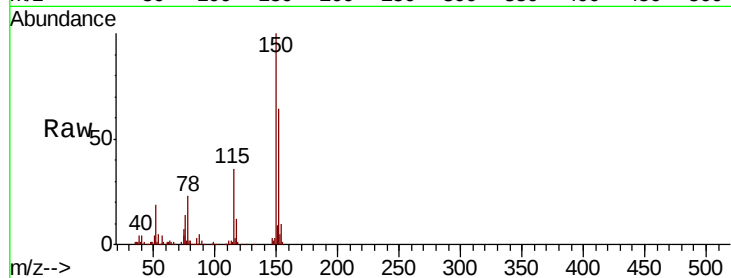


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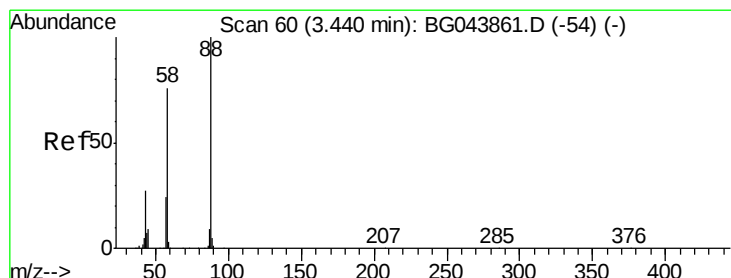
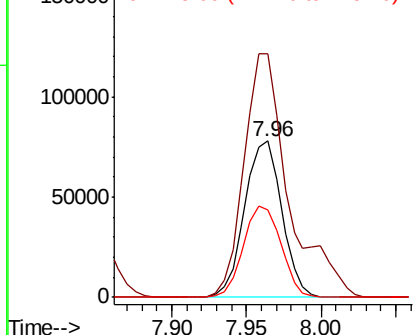
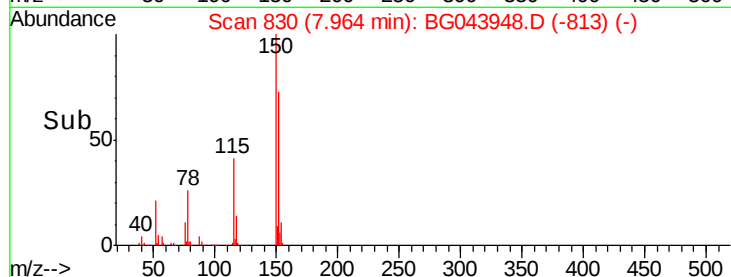
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG043948.D
Acq: 7 Jan 2020 9:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 134294
Ion Ratio Lower Upper
152 100
150 155.9 127.0 190.4
115 56.1 47.8 71.8



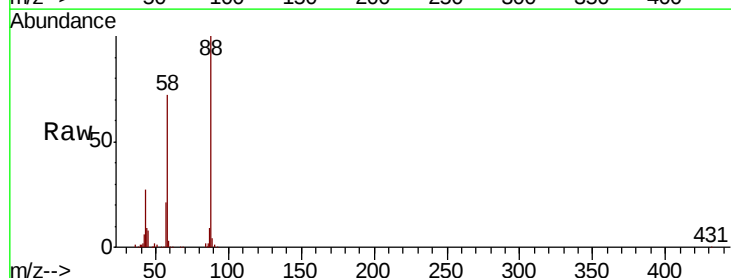
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



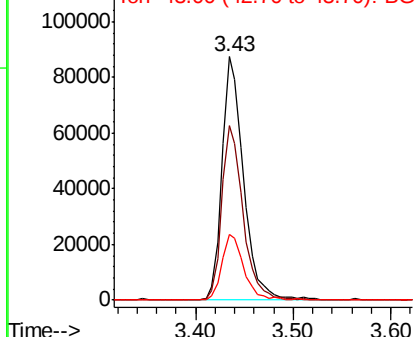
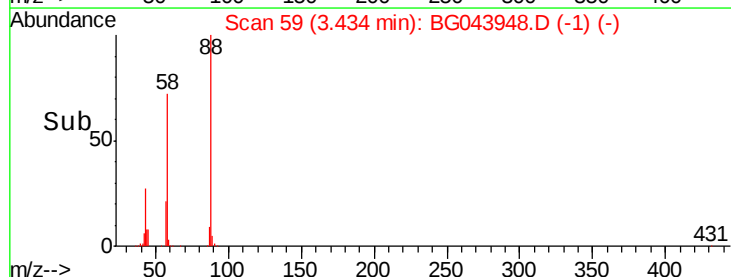
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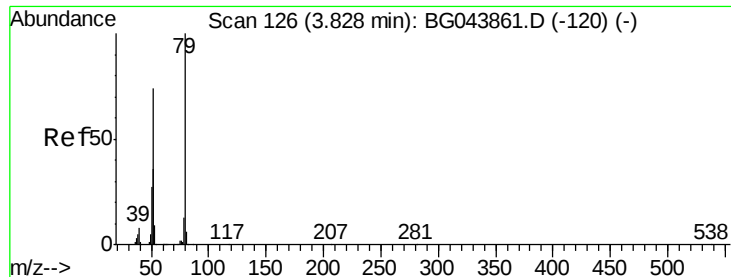
1,4-Dioxane
Concen: 41.899 ng
RT: 3.43 min Scan# 59
Delta R.T. -0.01 min
Lab File: BG043948.D
Acq: 7 Jan 2020 9:58

Tgt Ion: 88 Resp: 133617
Ion Ratio Lower Upper
88 100
58 70.7 59.8 89.8
43 27.5 22.9 34.3



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: 42.271 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Instrument :

BNA_G

ClientSampled :

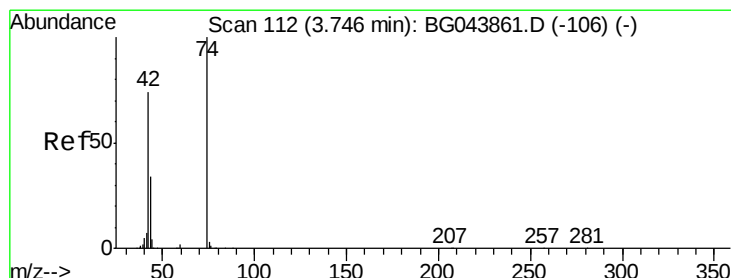
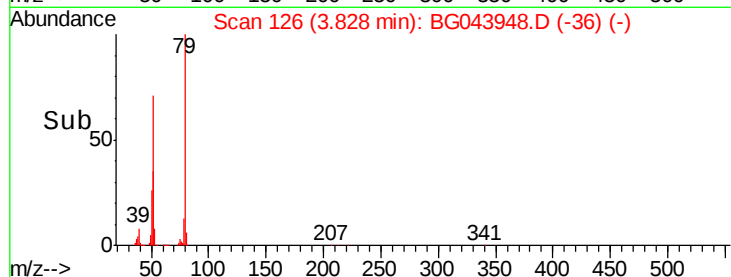
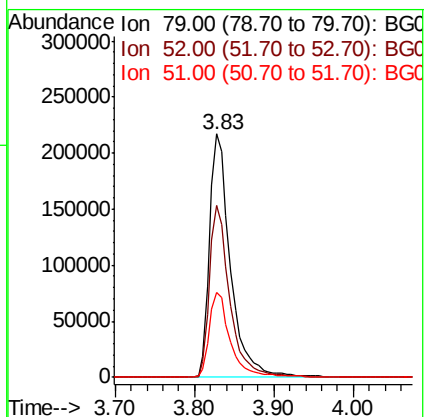
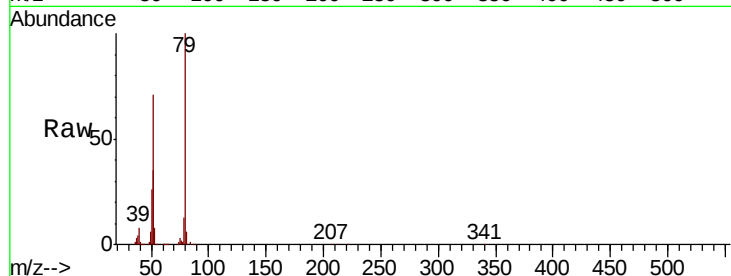
Tot Ion: 79 Resp: 398231

Ion Ratio Lower Upper

79 100

52 70.6 58.9 88.3

51 35.1 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 39.341 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

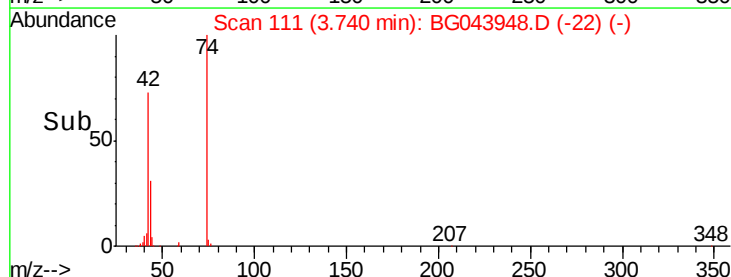
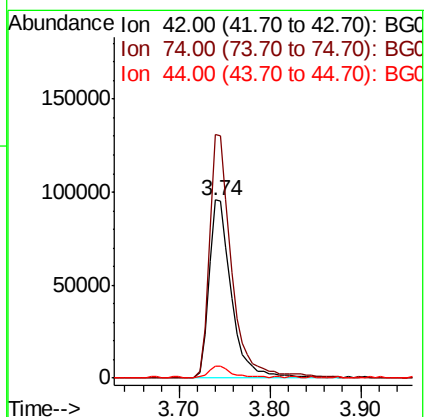
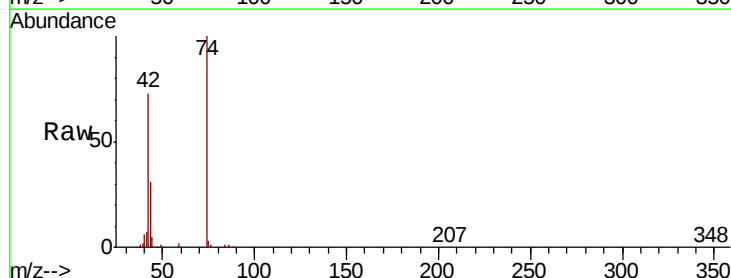
Tgt Ion: 42 Resp: 165012

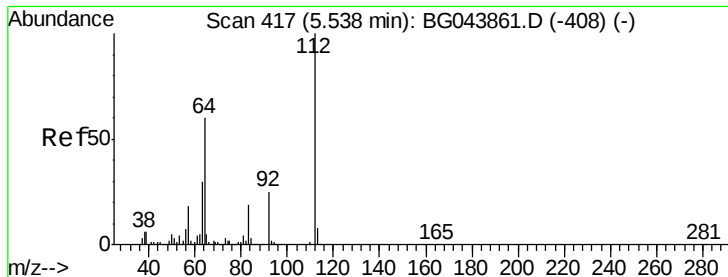
Ion Ratio Lower Upper

42 100

74 136.6 108.6 162.8

44 6.5 5.0 7.6





#5

2-Fluorophenol

Concen: 85.122 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Instrument :

BNA_G

ClientSampleId :

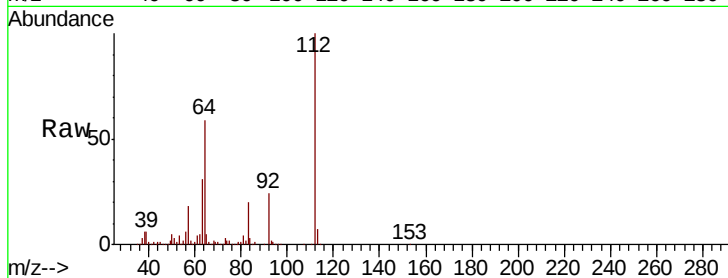
Tot Ion:112 Resp: 622584

Ion Ratio Lower Upper

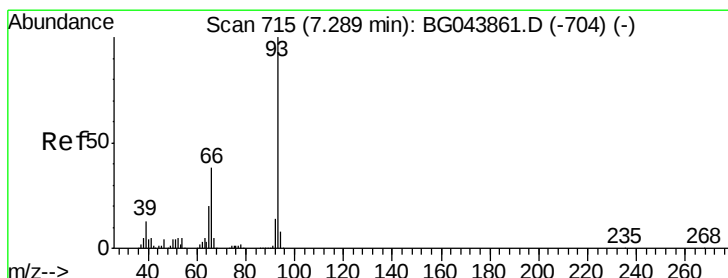
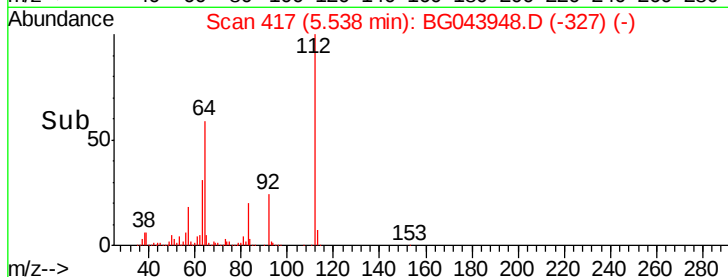
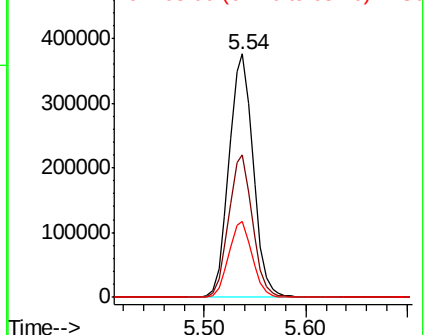
112 100

64 58.5 47.8 71.6

63 31.0 24.3 36.5



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: 40.321 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

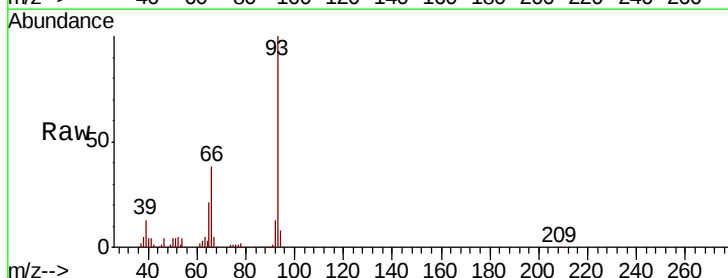
Tgt Ion: 93 Resp: 541452

Ion Ratio Lower Upper

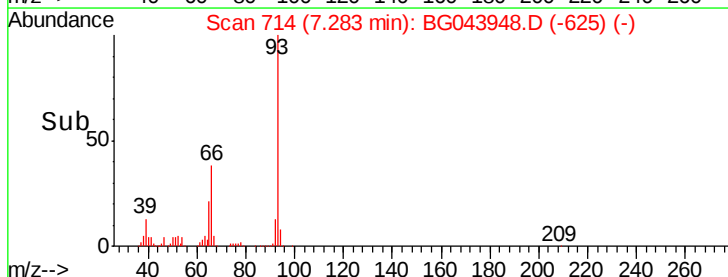
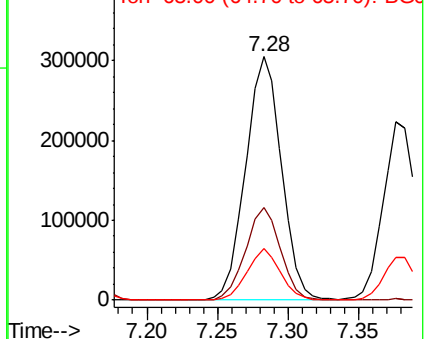
93 100

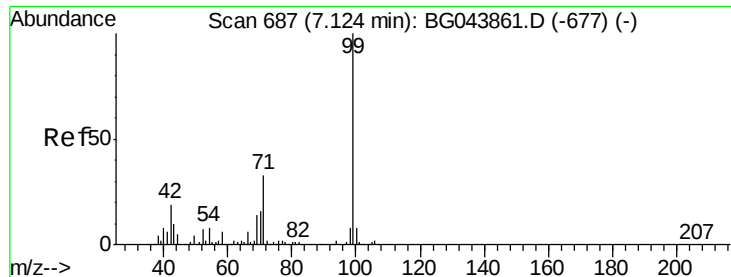
66 37.8 30.8 46.2

65 21.0 16.0 24.0



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: 85.416 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Instrument :

BNA_G

ClientSampleId :

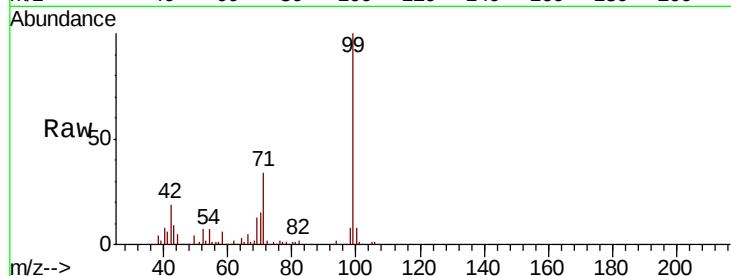
Tot Ion: 99 Resp: 873259

Ion Ratio Lower Upper

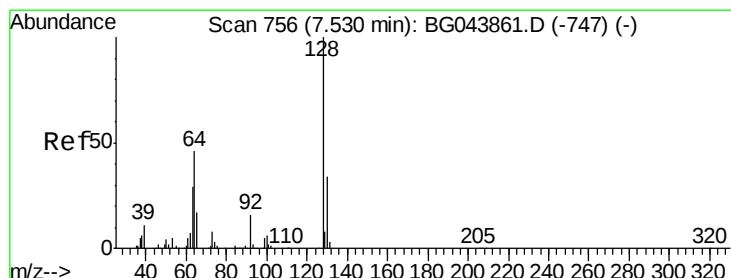
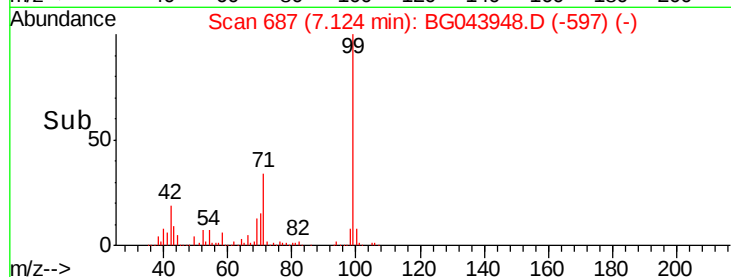
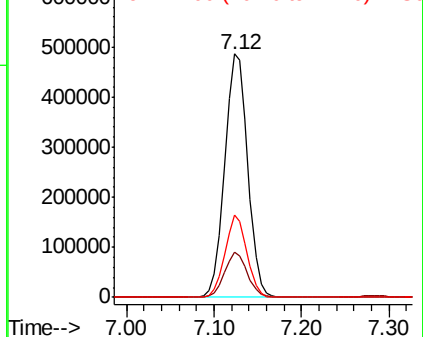
99 100

42 18.6 14.9 22.3

71 33.7 26.4 39.6



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



#8

2-Chlorophenol

Concen: 40.828 ng

RT: 7.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

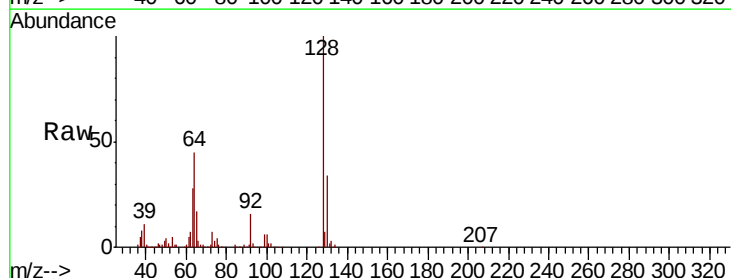
Tgt Ion: 128 Resp: 350570

Ion Ratio Lower Upper

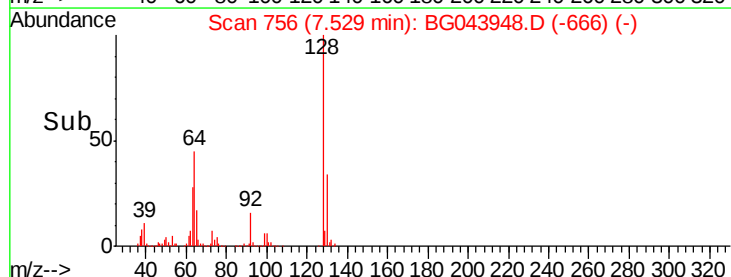
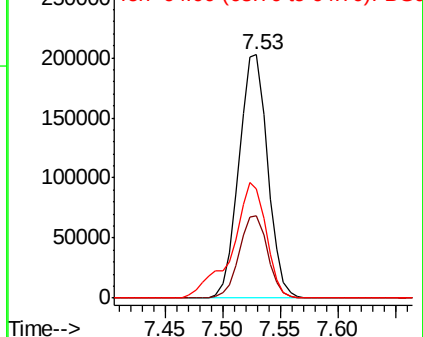
128 100

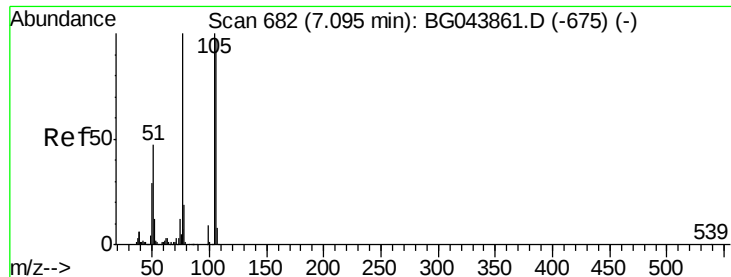
130 33.8 13.8 53.8

64 45.1 27.6 67.6



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: 36.293 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Instrument :

BNA_G

ClientSampleId :

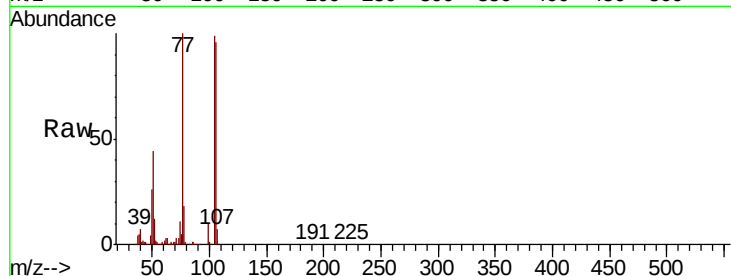
Tot Ion: 77 Resp: 237479

Ion Ratio Lower Upper

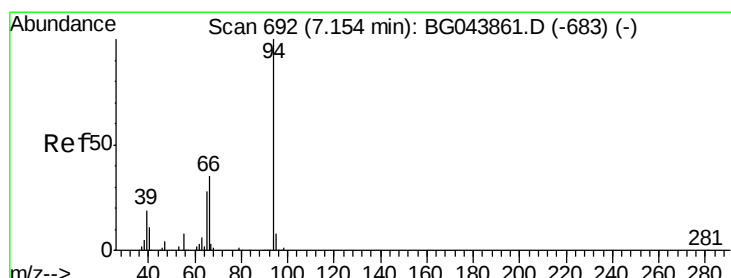
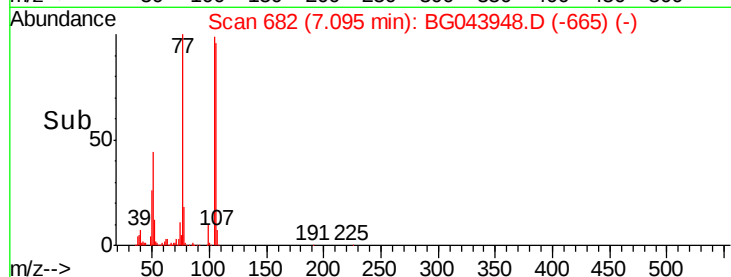
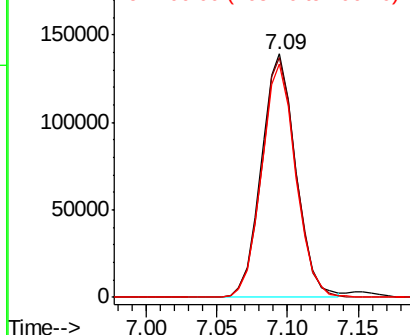
77 100

105 98.5 80.2 120.2

106 95.8 77.2 117.2



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



#10

Phenol

Concen: 42.216 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

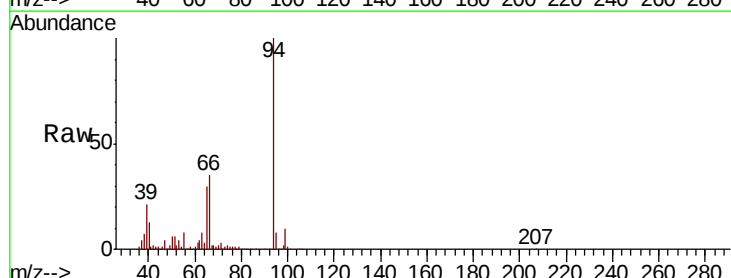
Tgt Ion: 94 Resp: 444688

Ion Ratio Lower Upper

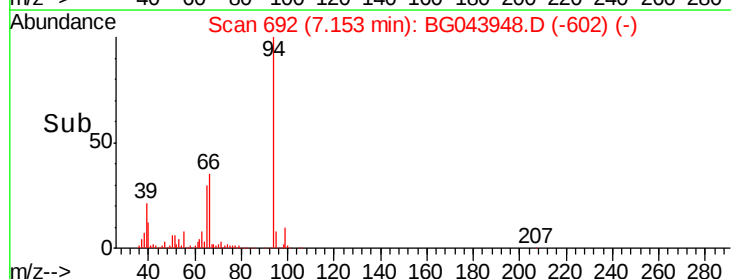
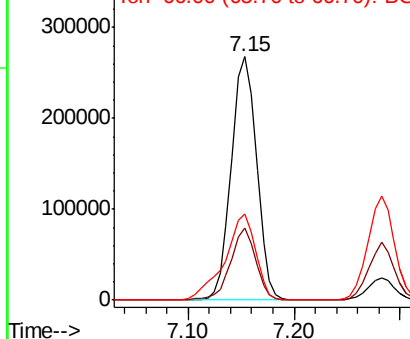
94 100

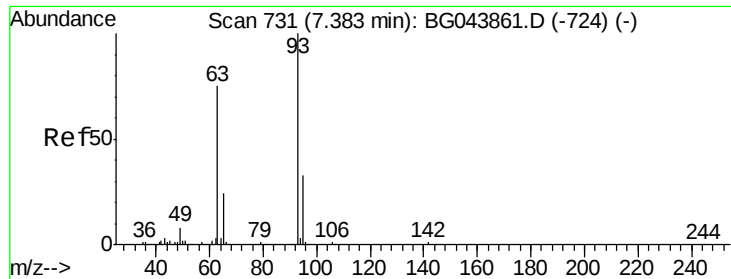
65 29.6 8.1 48.1

66 35.2 15.6 55.6



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

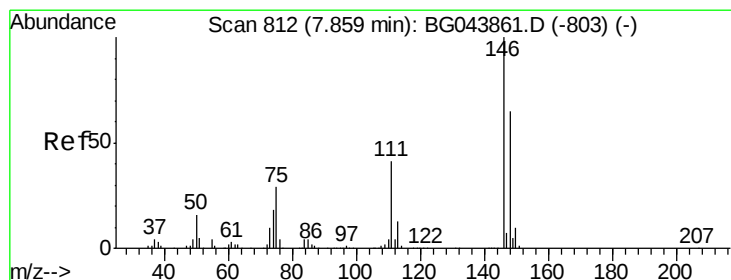
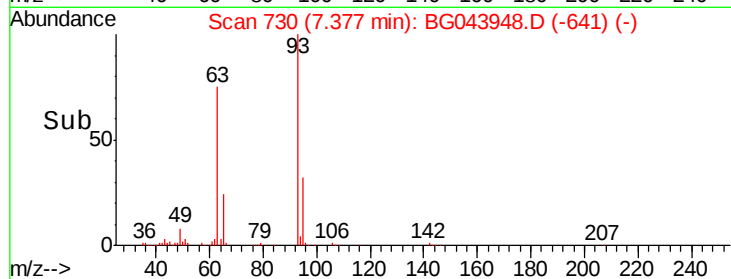
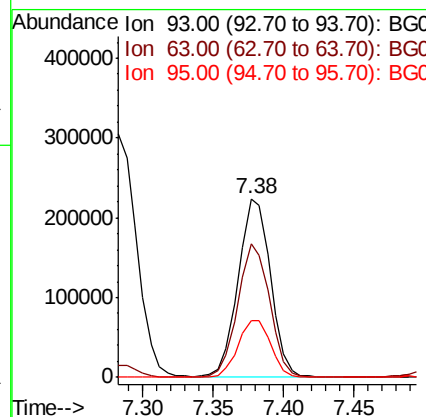
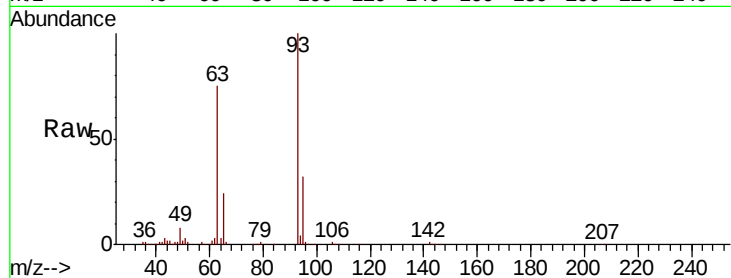




#11
 bis(2-Chloroethyl)ether
 Concen: 39.423 ng
 RT: 7.38 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BG043948.D
 Acq: 7 Jan 2020 9:58

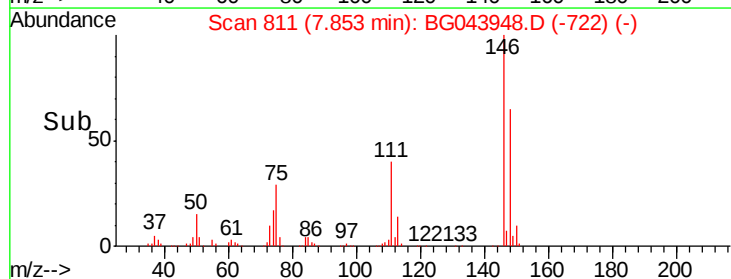
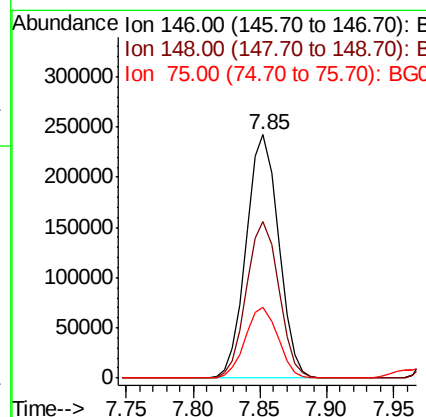
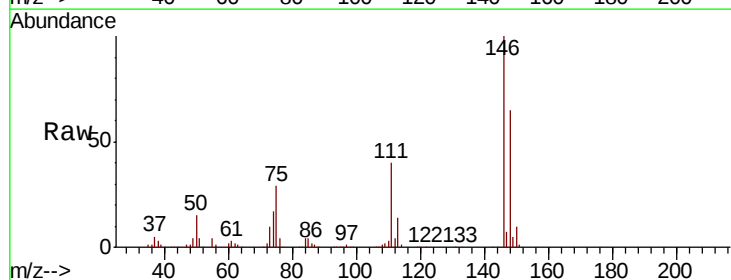
Instrument :
 BNA_G
 ClientSampleId :

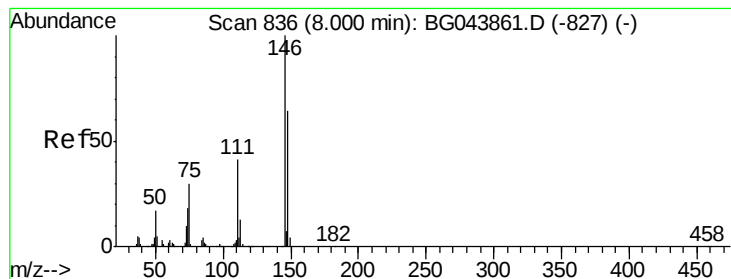
Tot Ion	93	Resp	358453
Ion Ratio	Lower	Upper	
93	100		
63	75.0	55.0	95.0
95	32.0	13.3	53.3



#12
 1,3-Dichlorobenzene
 Concen: 40.486 ng
 RT: 7.85 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG043948.D
 Acq: 7 Jan 2020 9:58

Tgt Ion	146	Resp	406799
Ion Ratio	Lower	Upper	
146	100		
148	64.6	52.1	78.1
75	29.0	23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 40.744 ng

RT: 7.99 min Scan# 835

Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Instrument :

BNA_G

ClientSampleId :

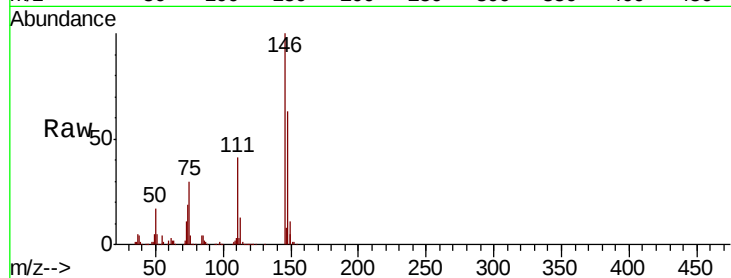
Tot Ion:146 Resp: 403942

Ion Ratio Lower Upper

146 100

148 63.0 51.2 76.8

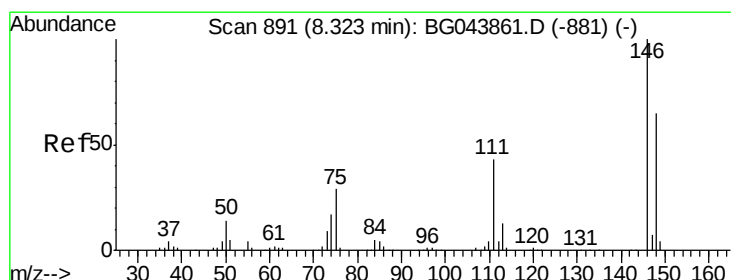
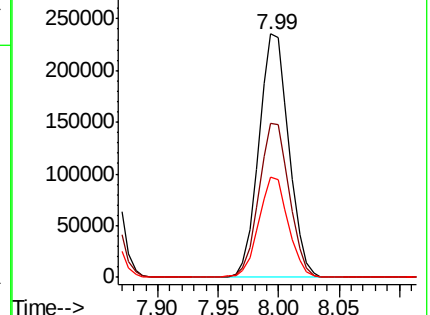
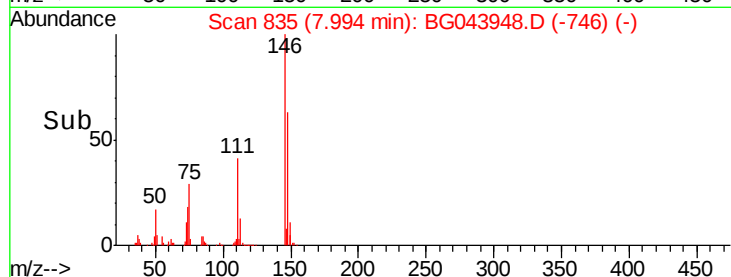
111 41.0 33.1 49.7



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



#14

1,2-Dichlorobenzene

Concen: 40.315 ng

RT: 8.32 min Scan# 890

Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

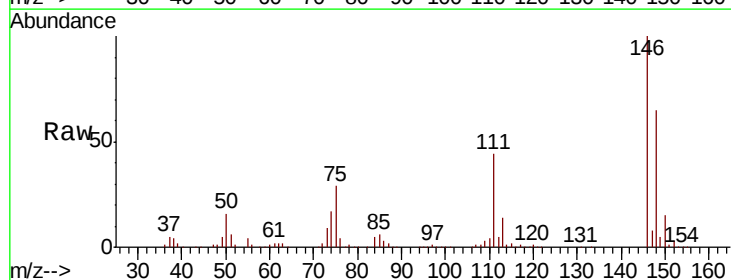
Tgt Ion:146 Resp: 383633

Ion Ratio Lower Upper

146 100

148 65.4 51.7 77.5

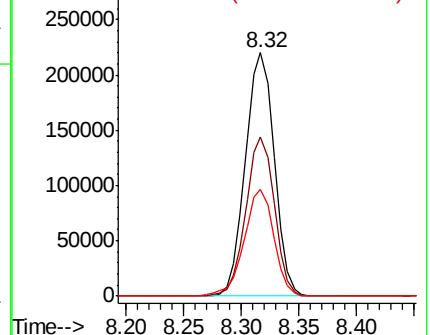
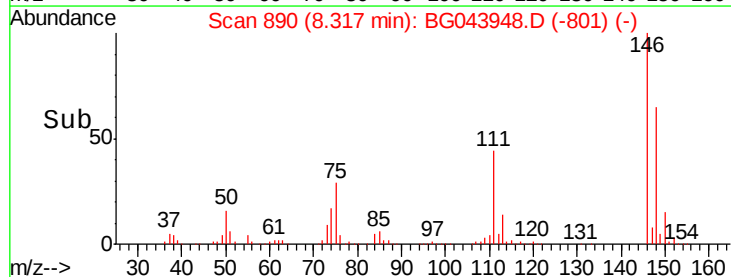
111 44.0 34.4 51.6

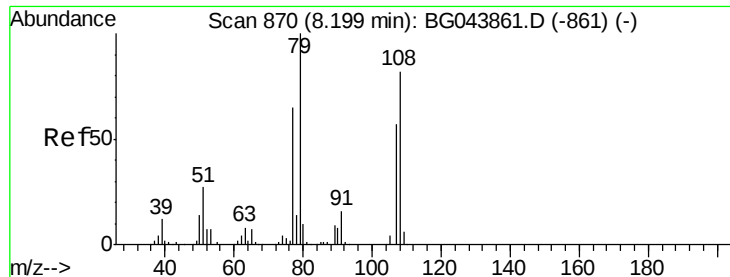


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.000 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Instrument :

BNA_G

ClientSampled :

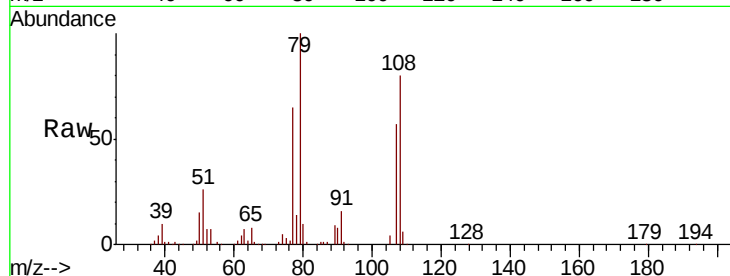
Tot Ion: 79 Resp: 322754

Ion Ratio Lower Upper

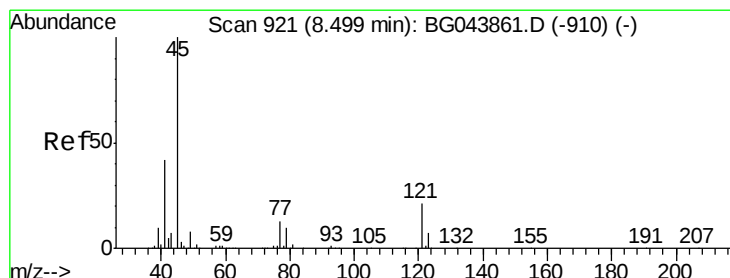
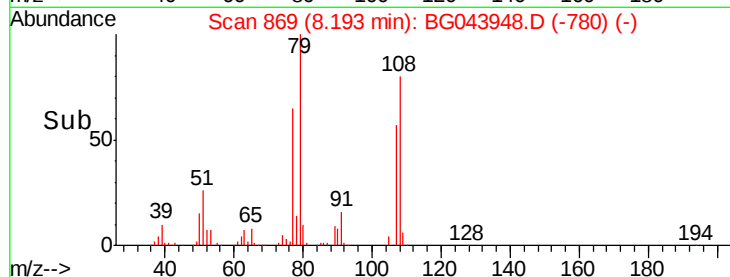
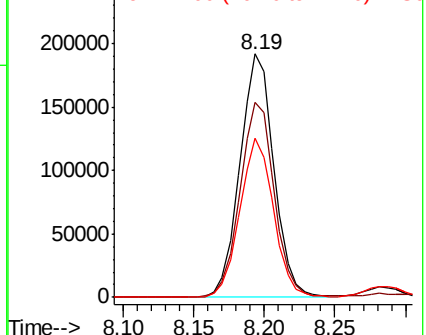
79 100

108 79.9 65.6 98.4

77 65.4 52.0 78.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.627 ng

RT: 8.49 min Scan# 920

Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

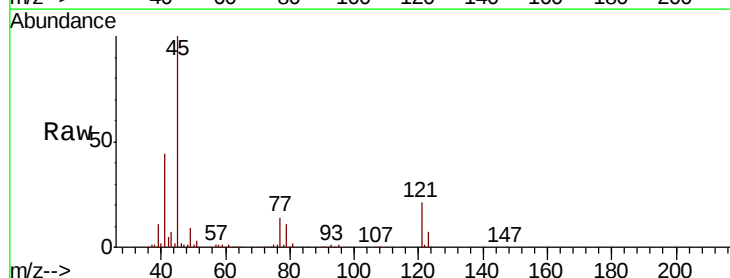
Tgt Ion: 45 Resp: 529315

Ion Ratio Lower Upper

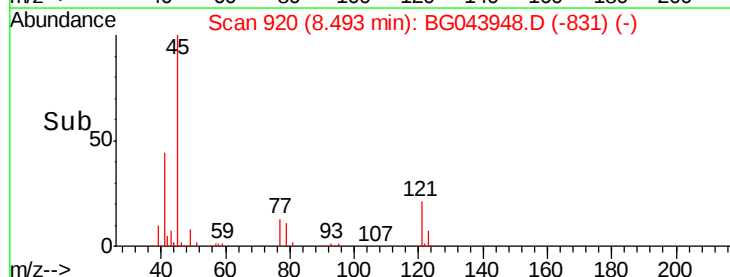
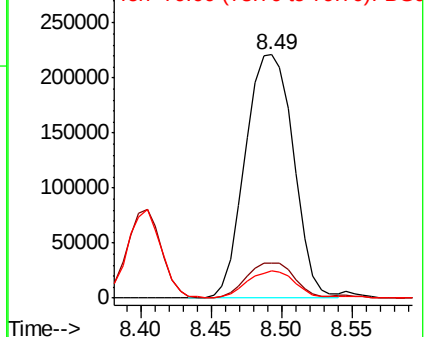
45 100

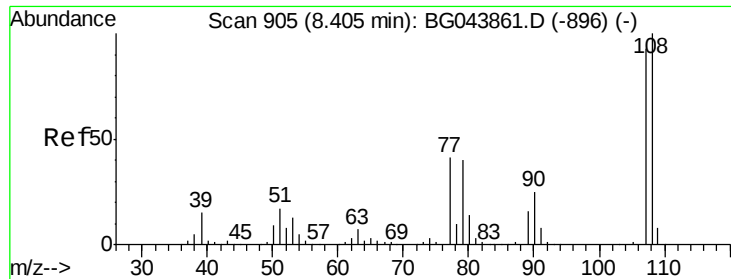
77 14.1 0.0 33.8

79 11.3 0.0 31.0



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

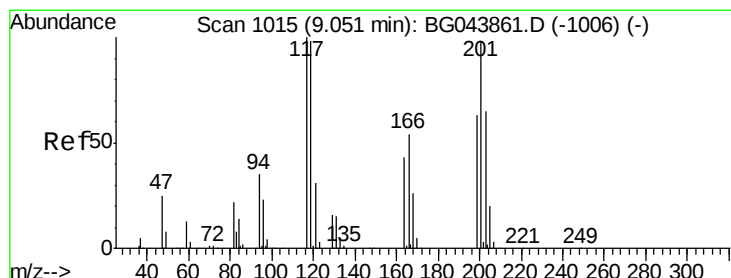
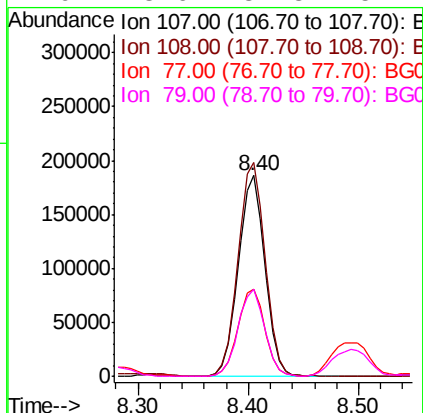
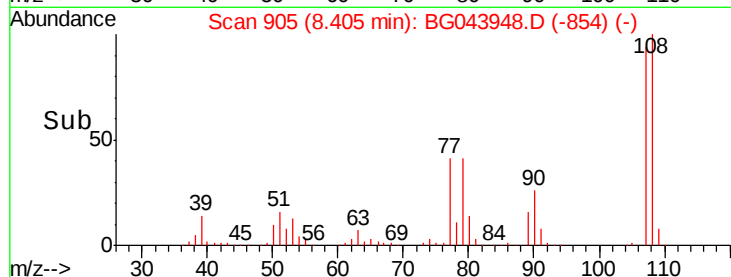
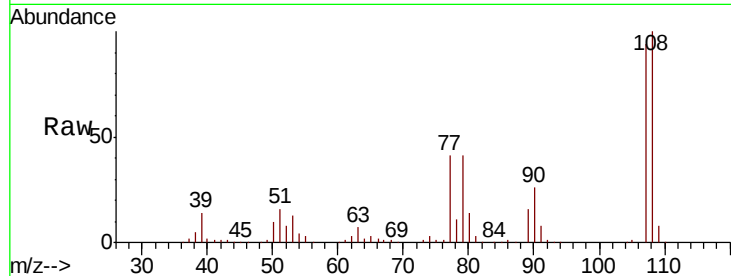




#17
2-Methylphenol
Concen: 41.309 ng
RT: 8.40 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG043948.D
Acq: 7 Jan 2020 9:58

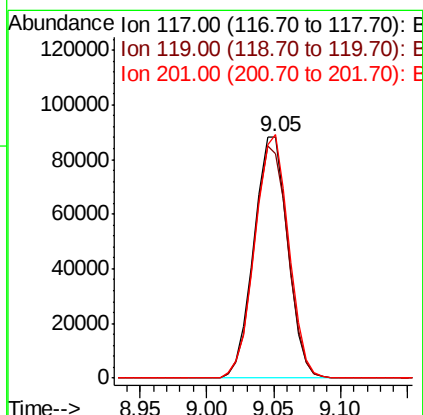
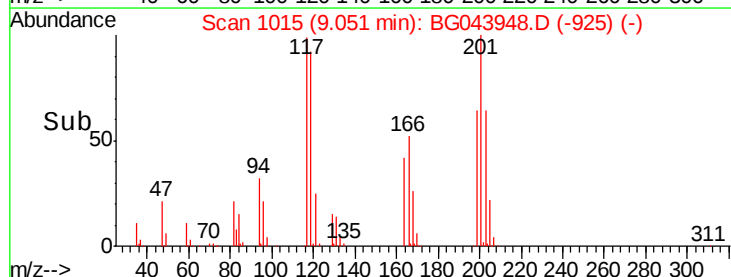
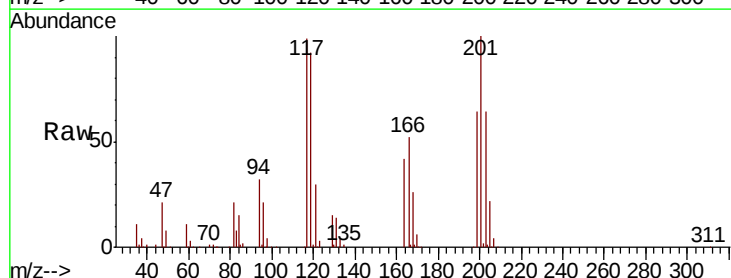
Instrument :
BNA_G
ClientSampleId :

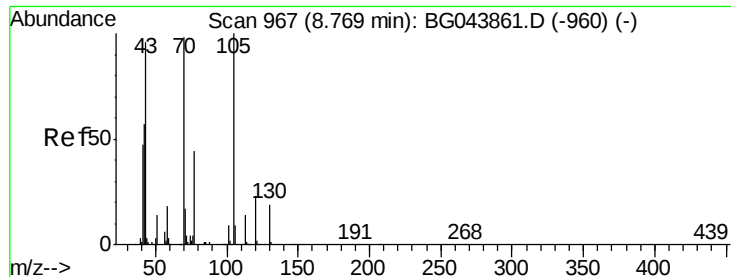
Tot Ion:	107	Resp:	314890
Ion	Ratio	Lower	Upper
107	100		
108	106.6	86.1	129.1
77	43.2	35.4	53.0
79	43.6	34.8	52.2



#18
Hexachloroethane
Concen: 40.149 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG043948.D
Acq: 7 Jan 2020 9:58

Tgt Ion:	117	Resp:	154885
Ion	Ratio	Lower	Upper
117	100		
119	93.0	78.1	117.1
201	100.9	78.6	117.8

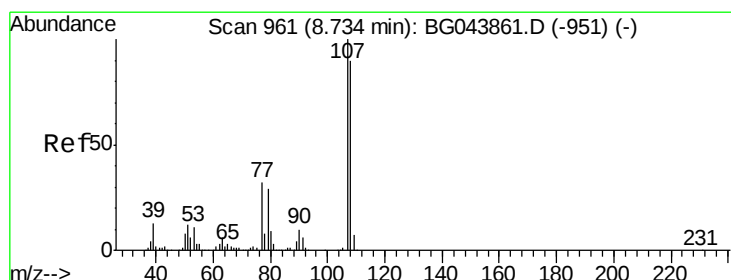
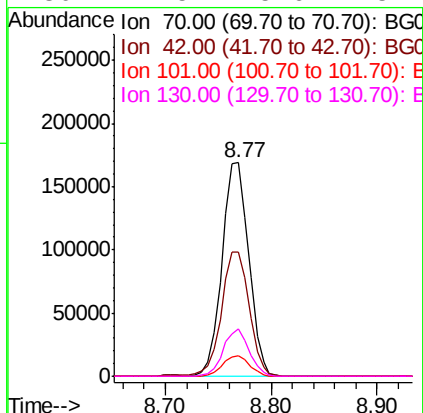
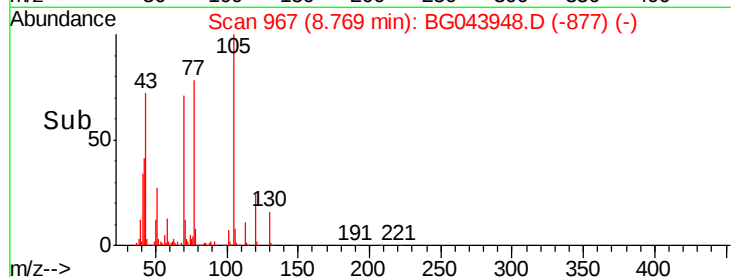
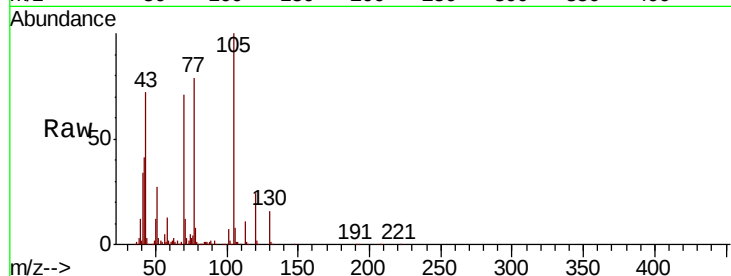




#19
n-Nitroso-di-n-propylamine
Concen: 38.929 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG043948.D
Acq: 7 Jan 2020 9:58

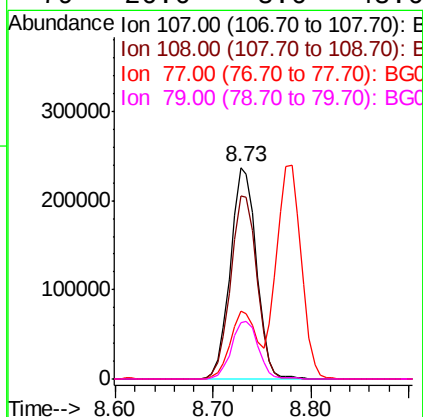
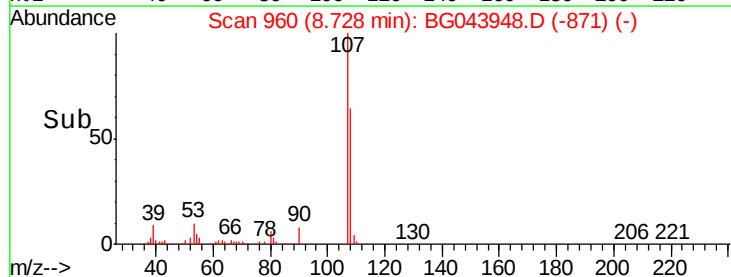
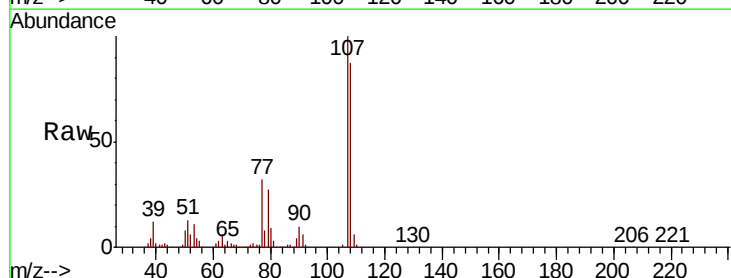
Instrument :
BNA_G
ClientSampled :

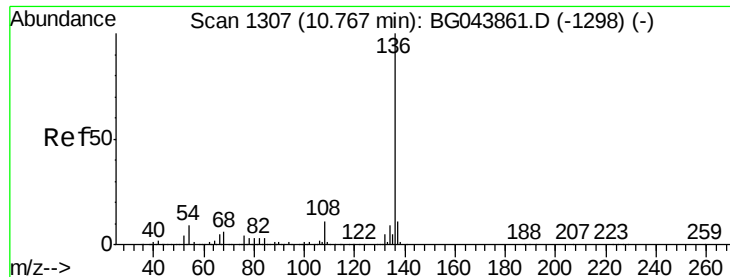
Tot Ion:	70	Resp:	296396
Ion	Ratio	Lower	Upper
70	100		
42	58.3	47.0	70.4
101	9.6	7.2	10.8
130	22.5	15.6	23.4



#20
3+4-Methylphenols
Concen: 41.228 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG043948.D
Acq: 7 Jan 2020 9:58

Tgt Ion:	107	Resp:	438412
Ion	Ratio	Lower	Upper
107	100		
108	86.6	70.3	110.3
77	32.0	12.4	52.4
79	26.6	8.6	48.6

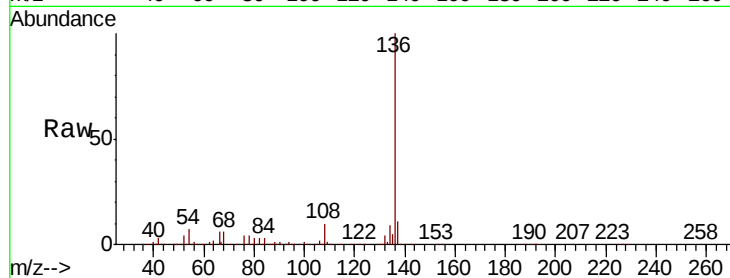




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG043948.D
Acq: 7 Jan 2020 9:58

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp: 575941
Ion Ratio	Lower Upper
136 100	
137 11.2	8.8 13.2
54 7.5	7.0 10.4
68 5.9	4.9 7.3



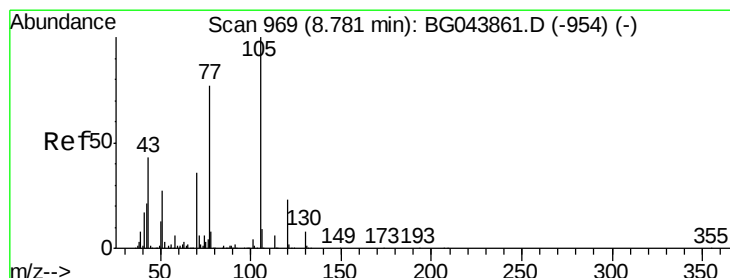
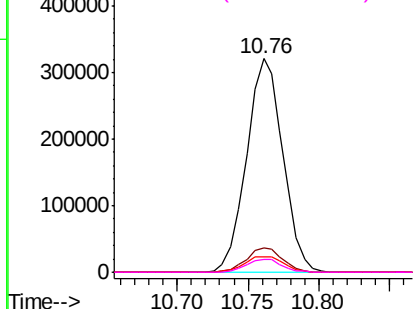
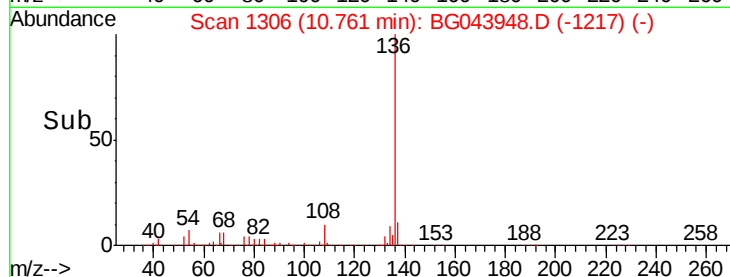
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

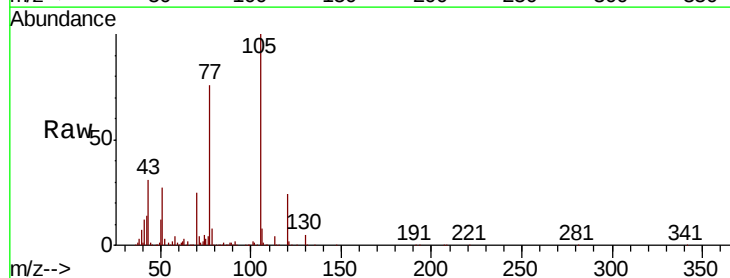
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 39.305 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG043948.D
Acq: 7 Jan 2020 9:58

Tgt	Ion:105	Resp:	562779
Ion	Ratio	Lower	Upper
105	100		
71	4.1	4.8	7.2#
51	27.4	21.4	32.0
120	23.8	18.6	28.0



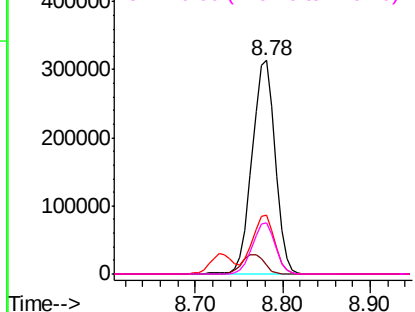
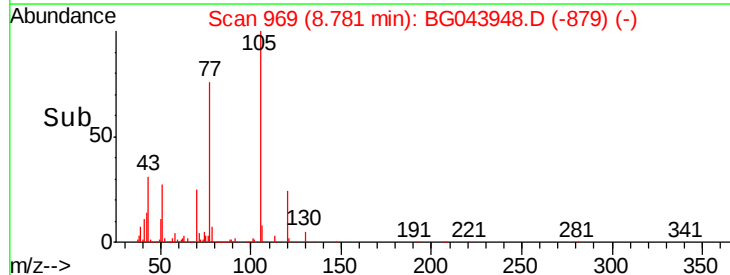
Abundance

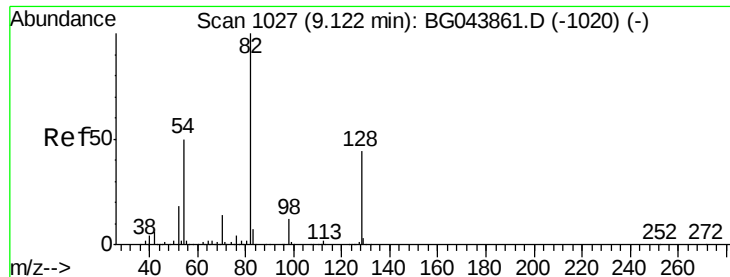
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

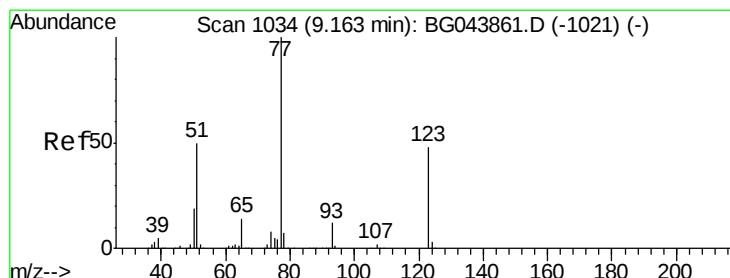
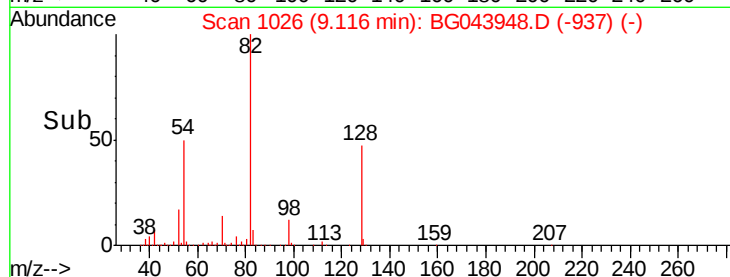
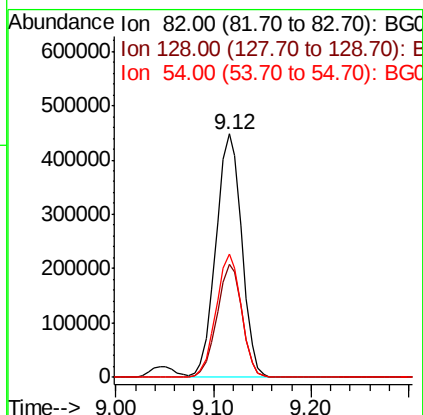
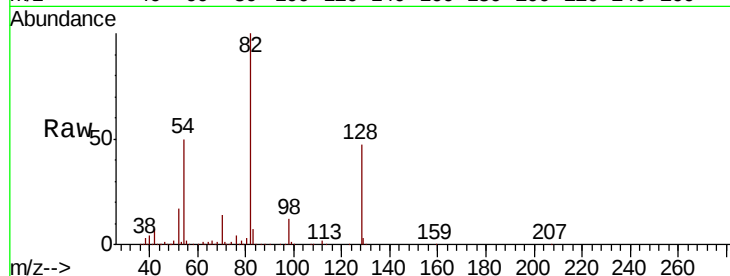




#23
 Nitrobenzene-d5
 Concen: 75.834 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG043948.D
 Acq: 7 Jan 2020 9:58

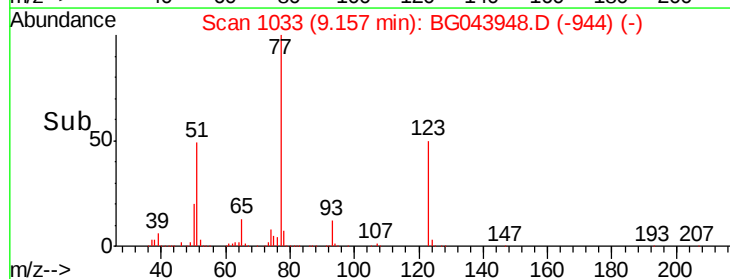
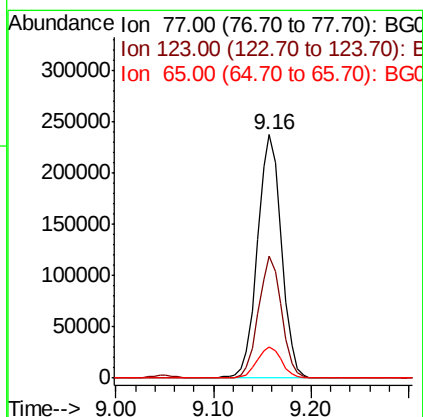
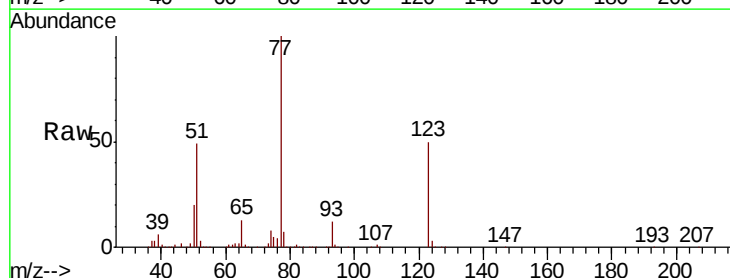
Instrument :
 BNA_G
 ClientSampled :

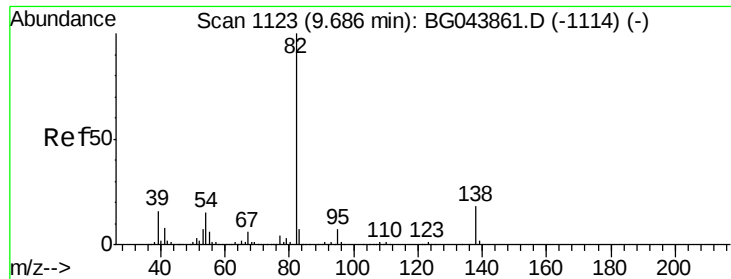
Tot Ion	82	Resp	816435
Ion Ratio	Lower	Upper	
82	100		
128	46.6	35.1	52.7
54	50.4	40.1	60.1



#24
 Nitrobenzene
 Concen: 38.343 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG043948.D
 Acq: 7 Jan 2020 9:58

Tgt Ion	77	Resp	408855
Ion Ratio	Lower	Upper	
77	100		
123	49.9	38.7	58.1
65	13.0	11.1	16.7

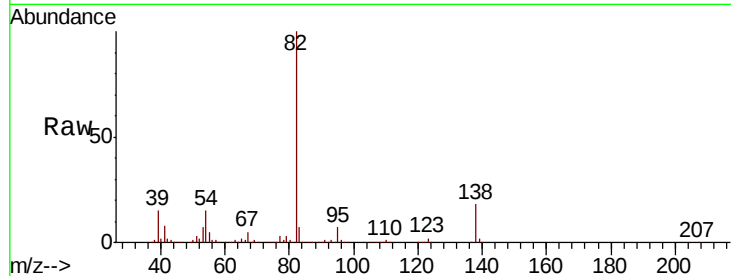




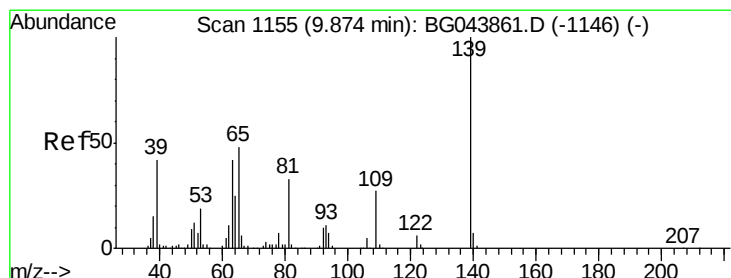
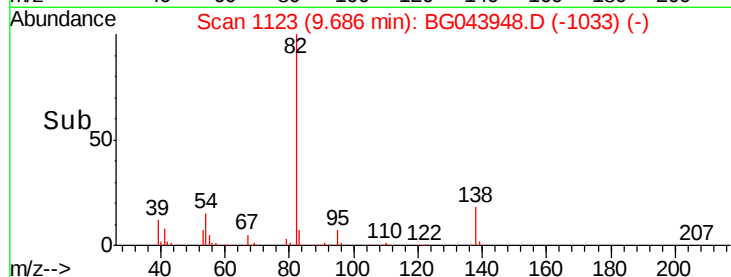
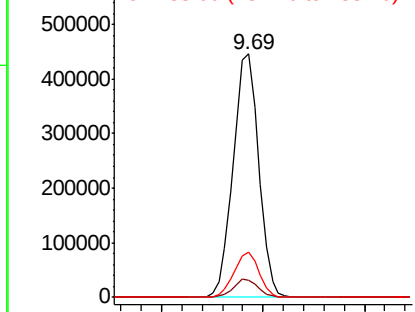
#25
Isophorone
Concen: 38.838 ng
RT: 9.69 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BG043948.D
Acq: 7 Jan 2020 9:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 784452
Ion Ratio Lower Upper
82 100
95 6.8 5.8 8.6
138 18.4 14.6 22.0

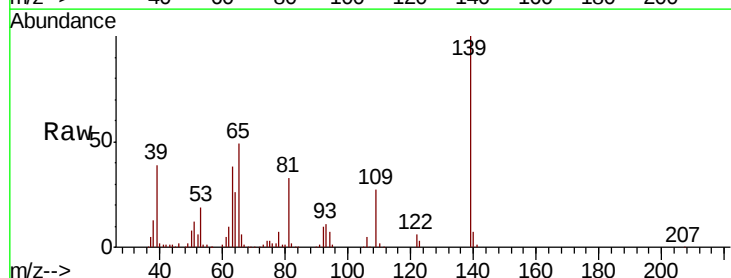


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

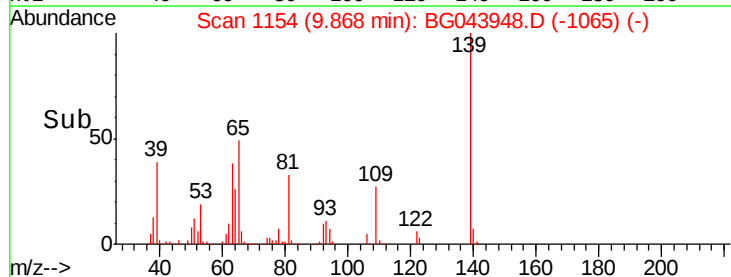
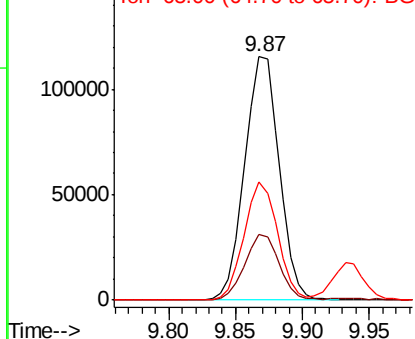


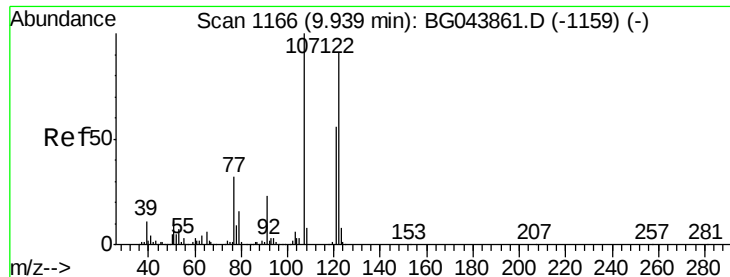
#26
2-Nitrophenol
Concen: 40.964 ng
RT: 9.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG043948.D
Acq: 7 Jan 2020 9:58

Tgt Ion: 139 Resp: 206656
Ion Ratio Lower Upper
139 100
109 27.2 21.3 31.9
65 48.6 38.6 57.8



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

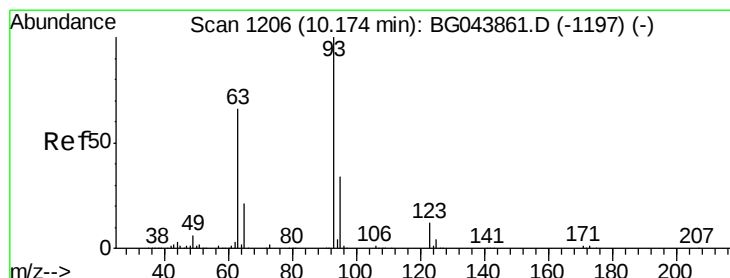
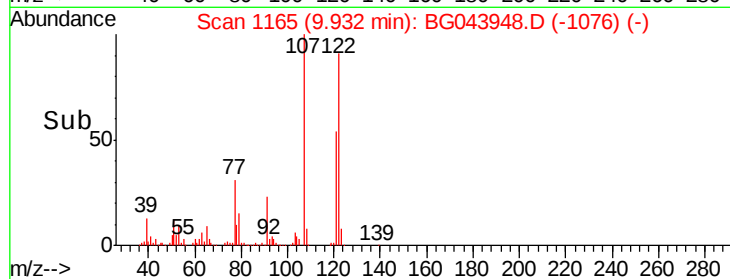
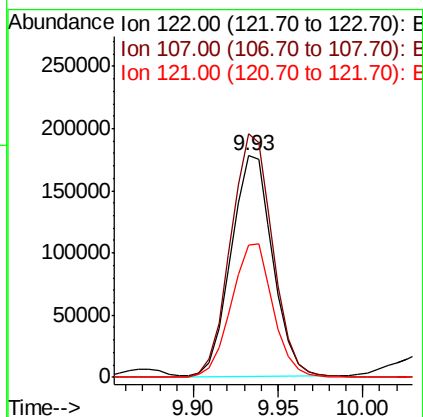
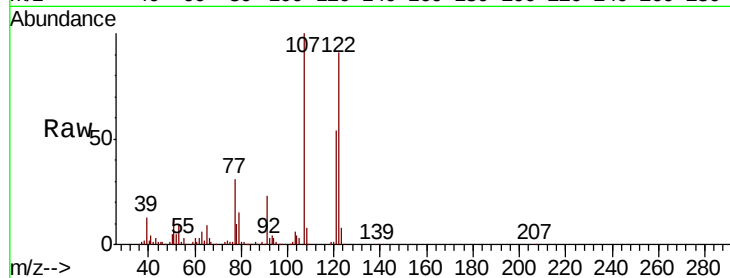




#27
 2,4-Dimethylphenol
 Concen: 39.852 ng
 RT: 9.93 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BG043948.D
 Acq: 7 Jan 2020 9:58

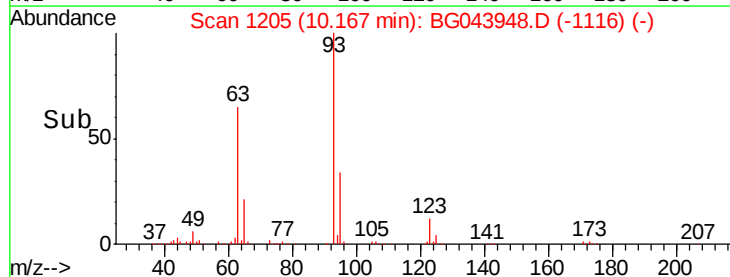
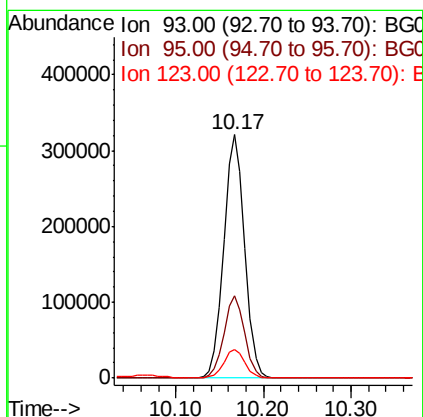
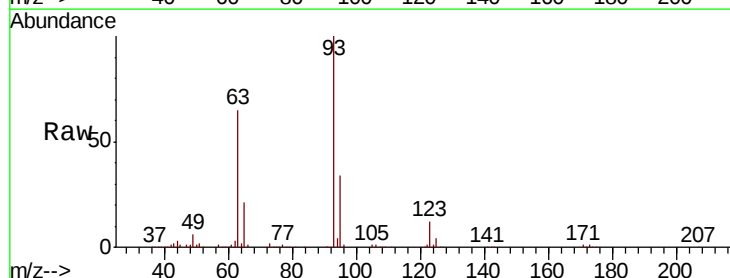
Instrument :
 BNA_G
 ClientSampled :

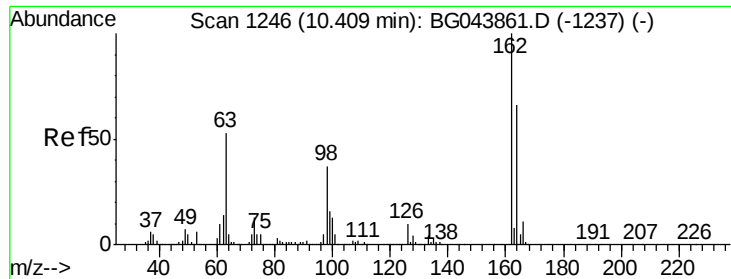
Tot Ion	Ratio	Lower	Upper
122	100		
107	109.9	88.0	132.0
121	59.8	49.0	73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.975 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BG043948.D
 Acq: 7 Jan 2020 9:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	27.2	40.8
123	11.9	9.7	14.5

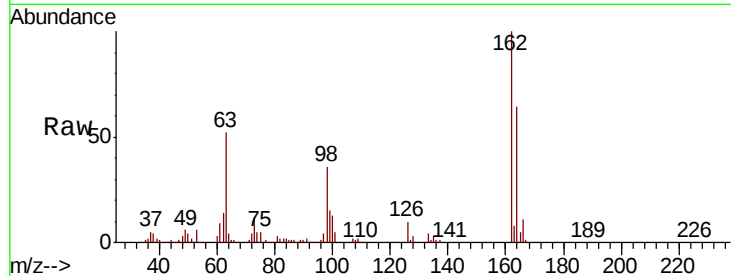




#29
 2,4-Dichlorophenol
 Concen: 40.830 ng
 RT: 10.41 min Scan# 1246
 Delta R.T. -0.00 min
 Lab File: BG043948.D
 Acq: 7 Jan 2020 9:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	46.3	86.3
98	36.2	17.3	57.3

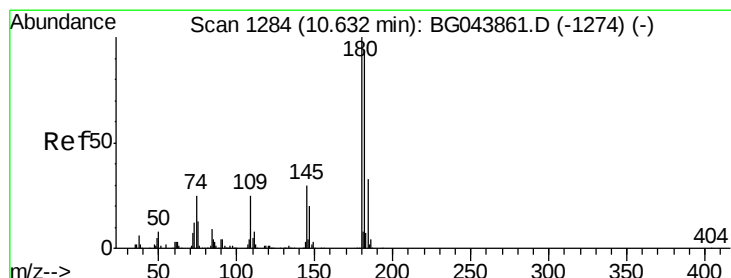
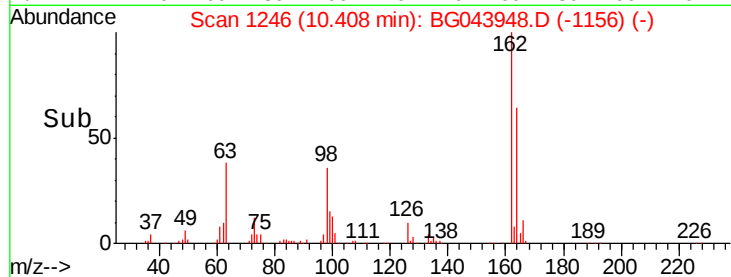
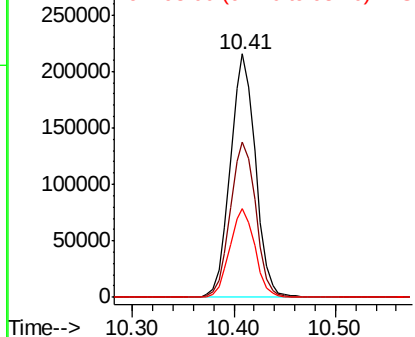


Abundance

Ion 162.00 (161.70 to 162.70): E

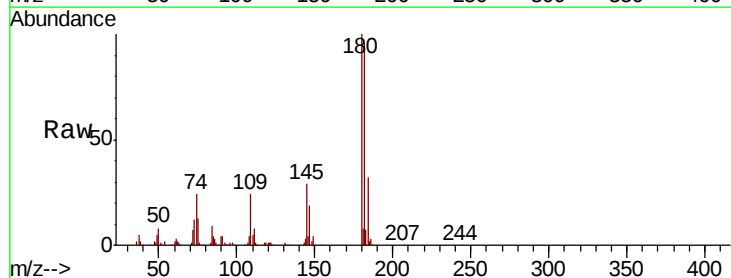
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30
 1,2,4-Trichlorobenzene
 Concen: 39.604 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG043948.D
 Acq: 7 Jan 2020 9:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.0	112.4
145	29.2	24.2	36.4

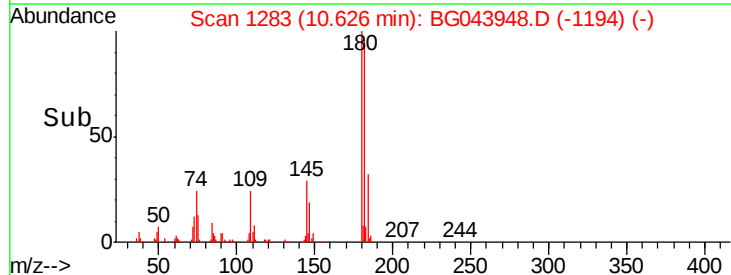
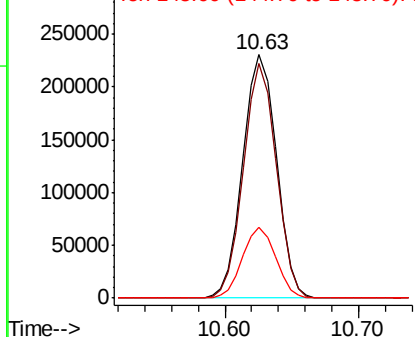


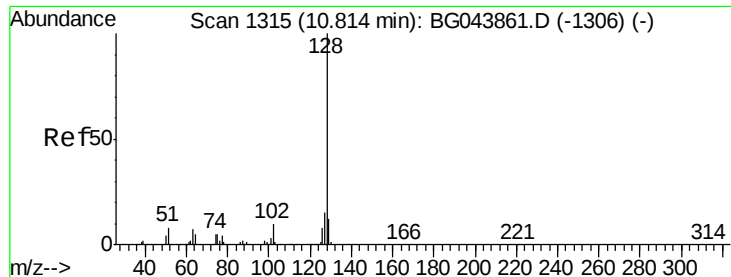
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

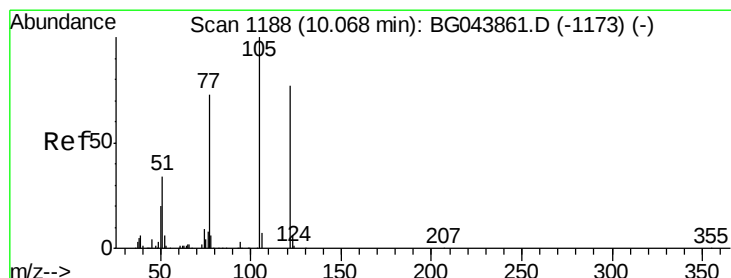
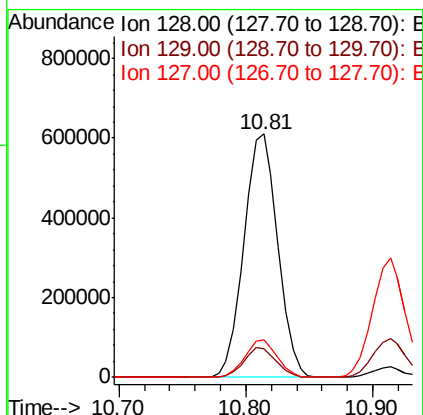
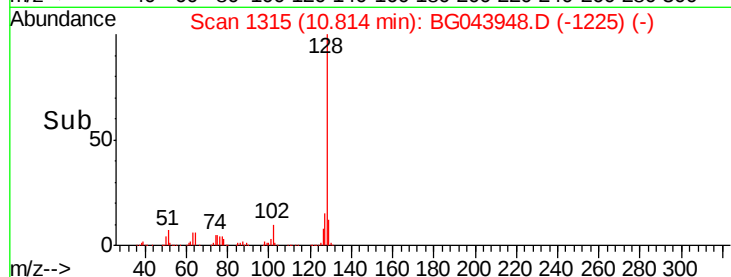
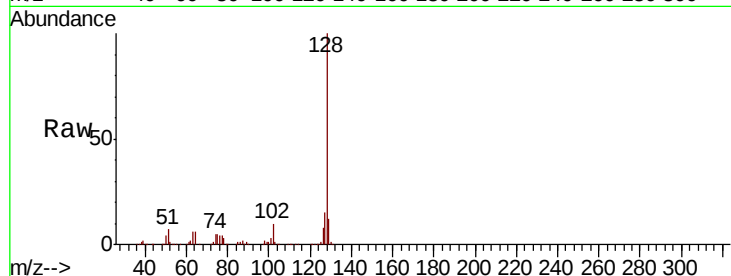




#31
Naphthalene
Concen: 40.565 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043948.D
Acq: 7 Jan 2020 9:58

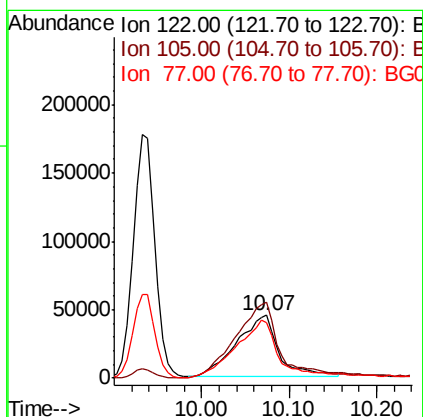
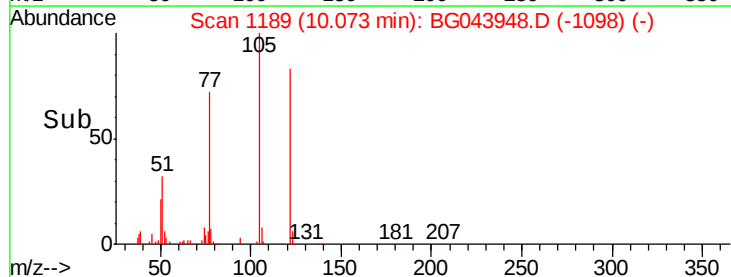
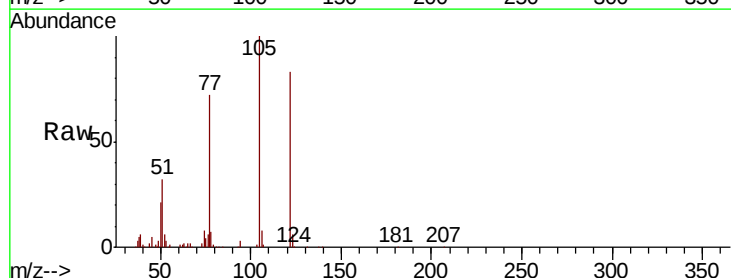
Instrument :
BNA_G
ClientSampleId :

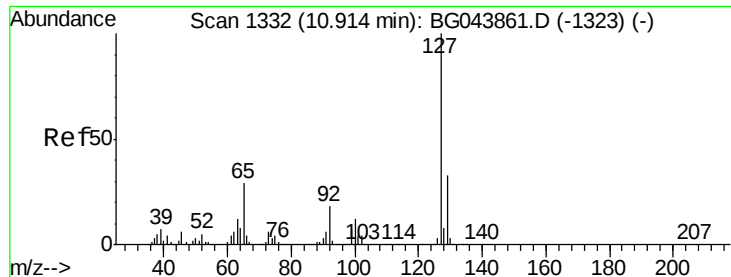
Tot Ion:128 Resp: 1130581
Ion Ratio Lower Upper
128 100
129 11.9 9.8 14.6
127 15.3 12.0 18.0



#32
Benzoic acid
Concen: 27.062 ng
RT: 10.07 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG043948.D
Acq: 7 Jan 2020 9:58

Tgt Ion:122 Resp: 147931
Ion Ratio Lower Upper
122 100
105 121.0 106.4 146.4
77 87.3 74.6 114.6

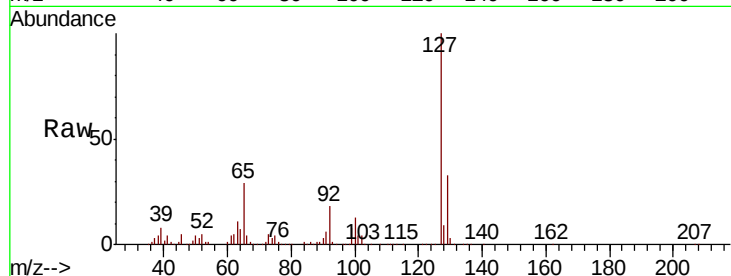




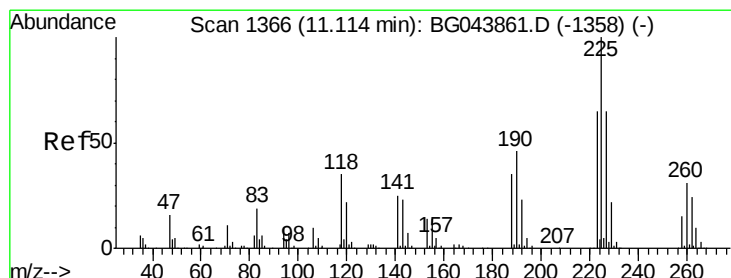
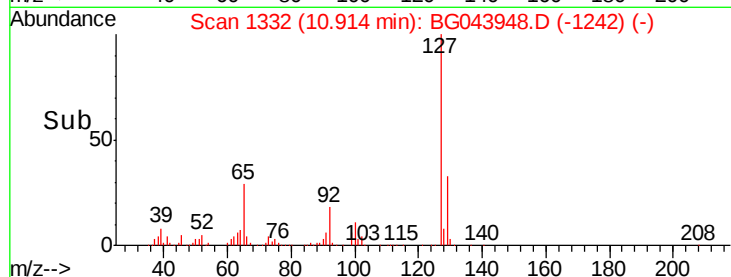
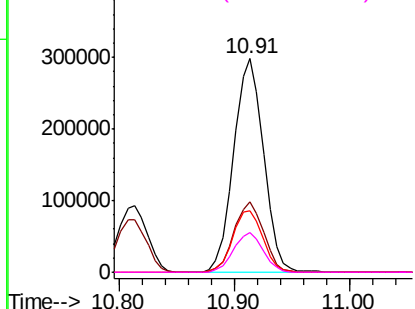
#33
4-Chloroaniline
Concen: 40.248 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG043948.D
Acq: 7 Jan 2020 9:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	535030
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.6	40.0
65	28.7	23.3	34.9
92	18.5	14.7	22.1

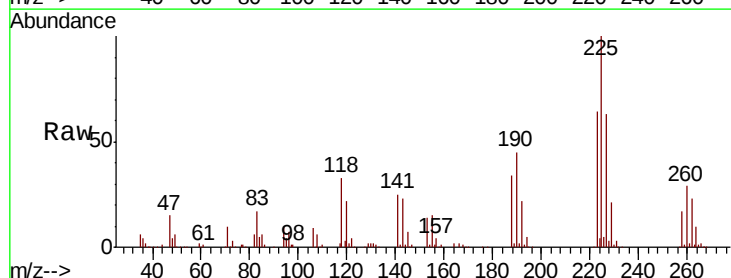


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

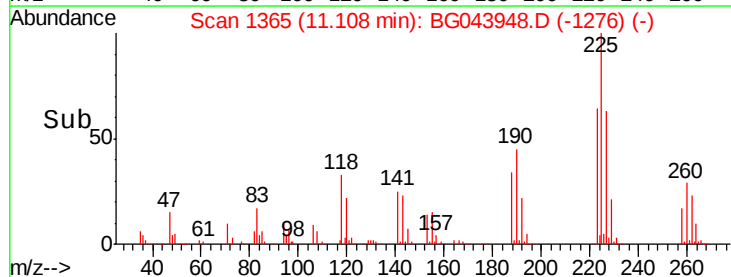
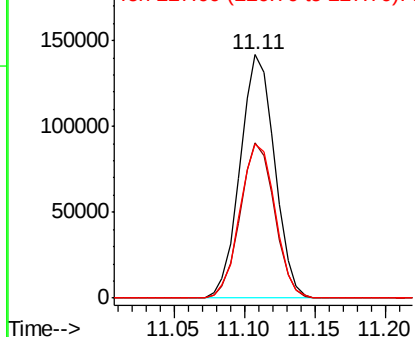


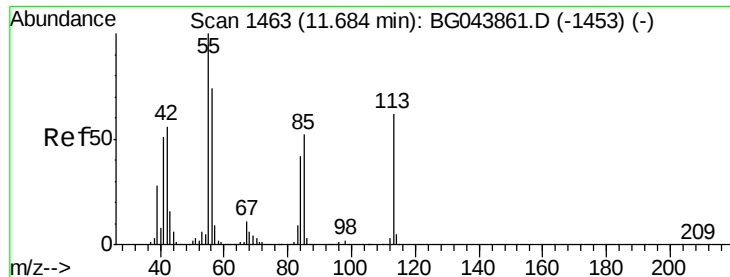
#34
Hexachlorobutadiene
Concen: 39.154 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BG043948.D
Acq: 7 Jan 2020 9:58

Tgt Ion:	225	Resp:	242799
Ion	Ratio	Lower	Upper
225	100		
223	63.6	52.2	78.4
227	63.4	52.1	78.1



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





#35

Caprolactam

Concen: 41.107 ng

RT: 11.69 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Instrument :

BNA_G

ClientSampleId :

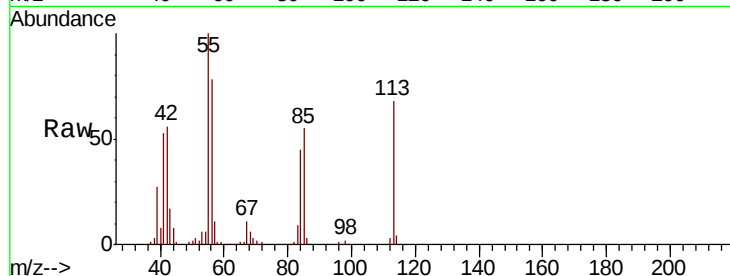
Tot Ion:113 Resp: 138619

Ion Ratio Lower Upper

113 100

55 148.0 142.5 182.5

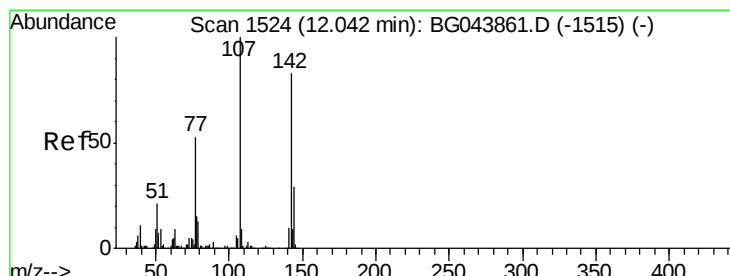
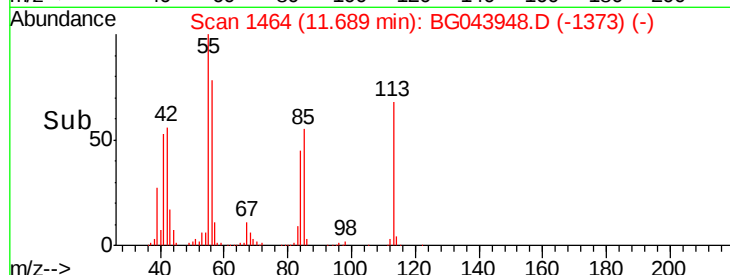
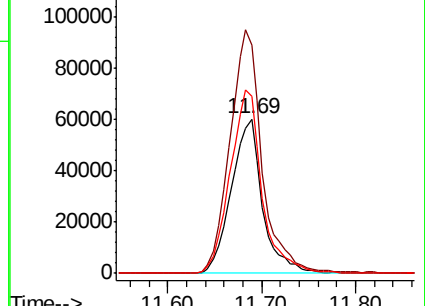
56 114.8 101.4 141.4



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: 42.033 ng

RT: 12.04 min Scan# 1524

Delta R.T. -0.00 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

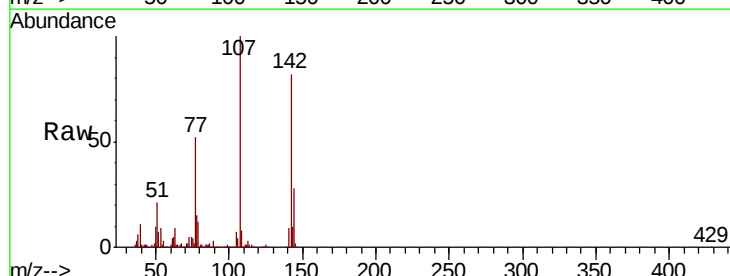
Tgt Ion:107 Resp: 405328

Ion Ratio Lower Upper

107 100

144 27.8 23.4 35.2

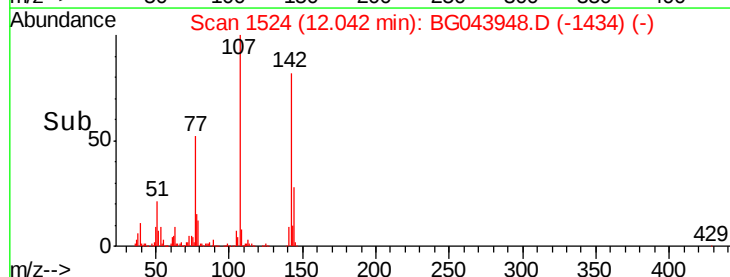
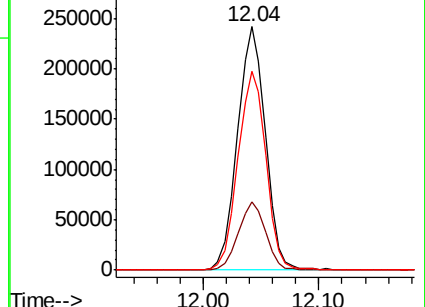
142 81.6 66.3 99.5

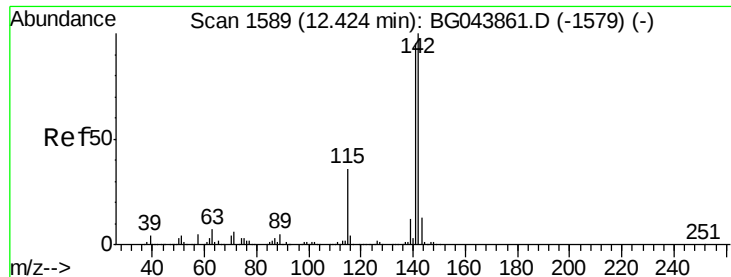


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

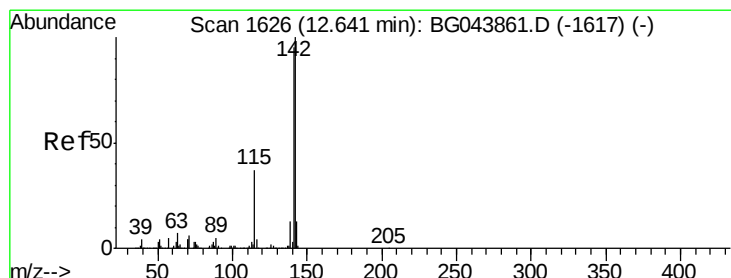
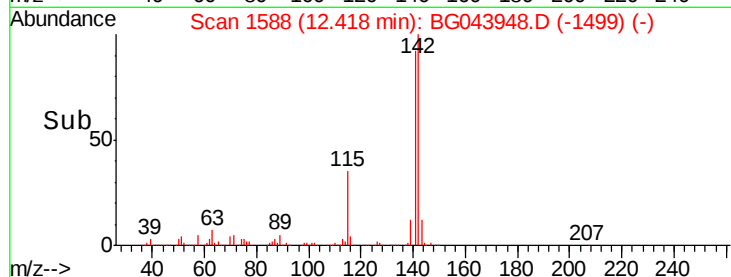
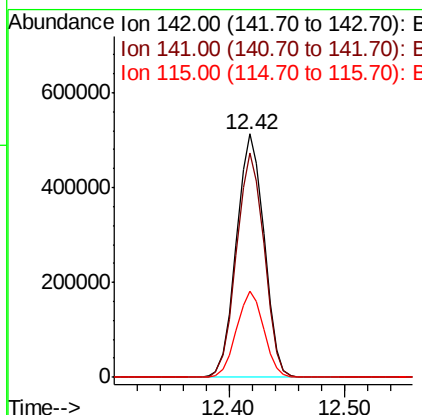
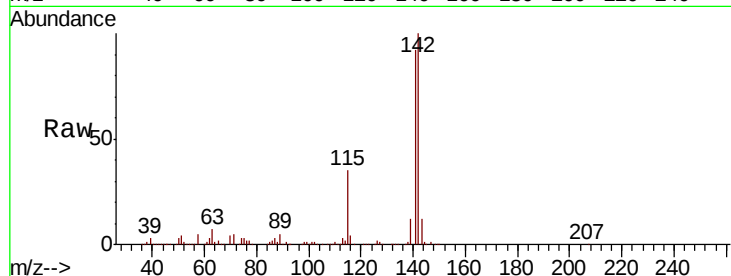




#37
 2-Methylnaphthalene
 Concen: 40.556 ng
 RT: 12.42 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BG043948.D
 Acq: 7 Jan 2020 9:58

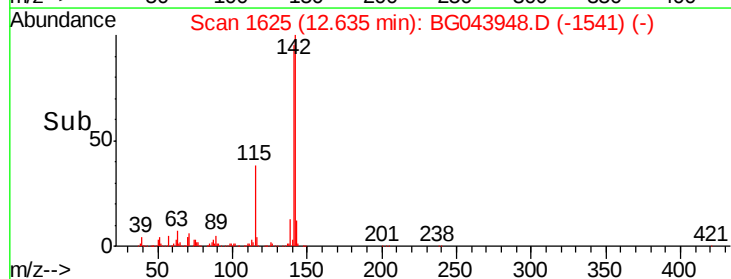
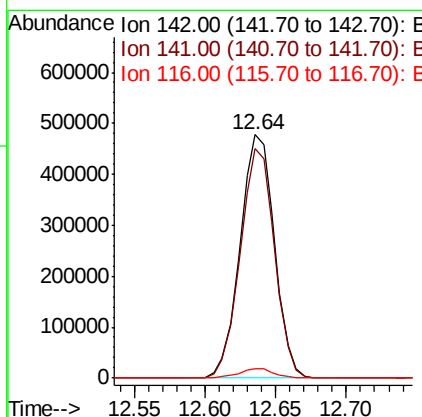
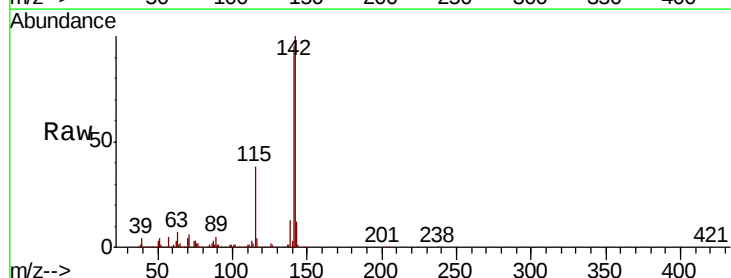
Instrument :
 BNA_G
 ClientSampleId :

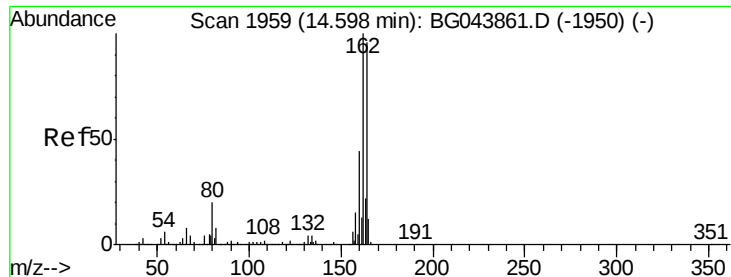
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.1	75.8	113.8
115	35.5	28.6	42.8



#38
 1-Methylnaphthalene
 Concen: 40.791 ng
 RT: 12.64 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BG043948.D
 Acq: 7 Jan 2020 9:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.5	76.0	114.0
116	4.1	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Instrument :

BNA_G

ClientSampleId :

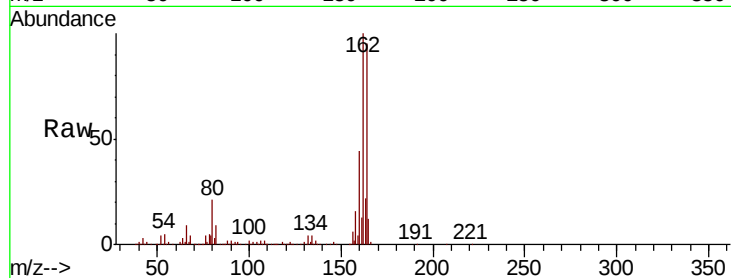
Tot Ion:164 Resp: 379995

Ion Ratio Lower Upper

164 100

162 105.7 83.0 124.4

160 46.7 36.1 54.1

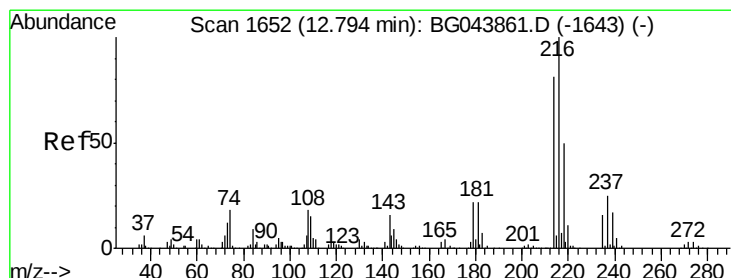
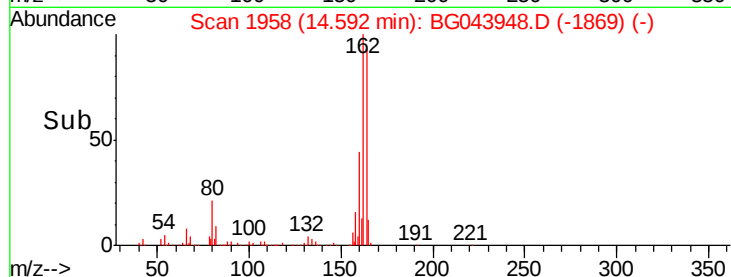
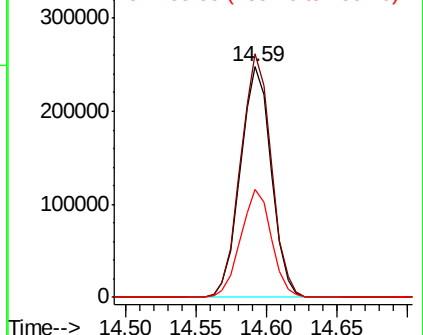


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.572 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Tgt Ion:216 Resp: 440740

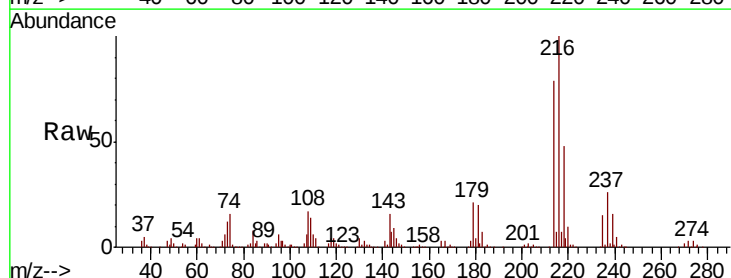
Ion Ratio Lower Upper

216 100

214 79.5 63.8 95.8

179 21.7 17.3 25.9

108 18.5 15.3 22.9



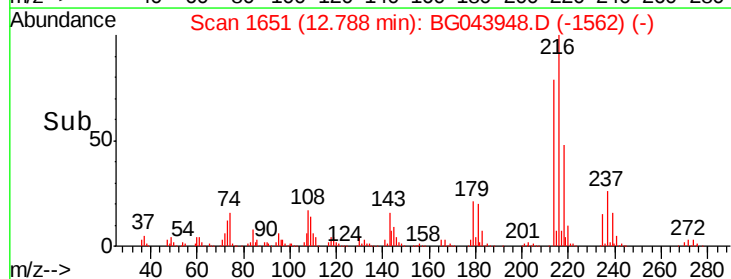
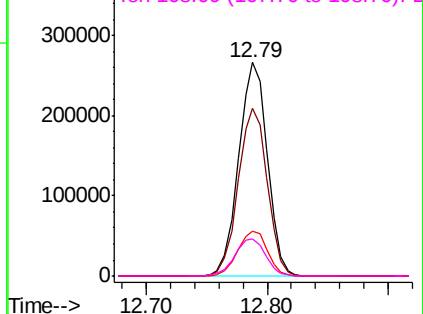
Abundance

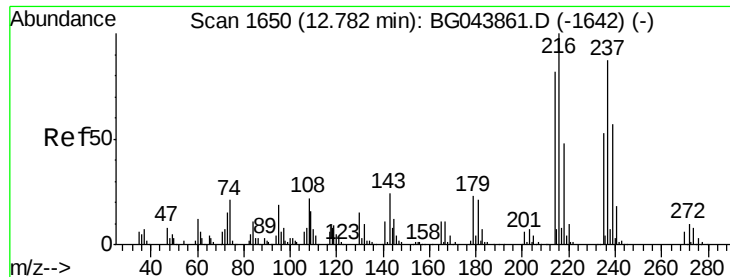
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 36.273 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Instrument :

BNA_G

ClientSampleId :

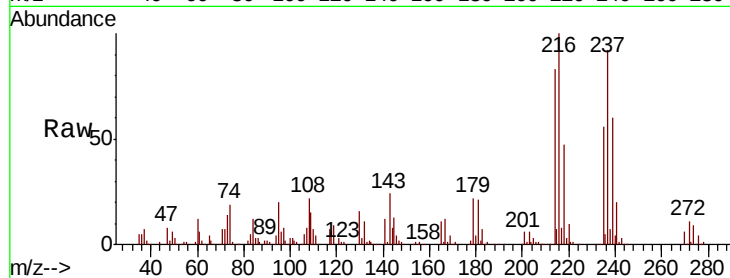
Tot Ion:237 Resp: 209447

Ion Ratio Lower Upper

237 100

235 61.0 41.1 81.1

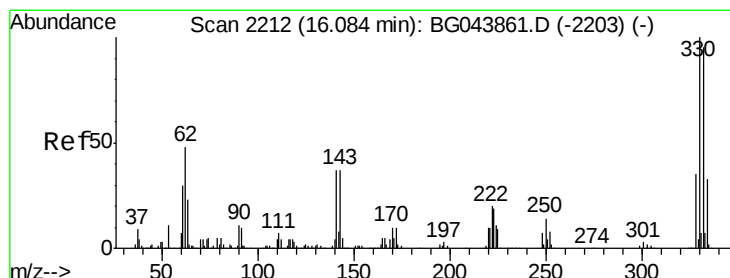
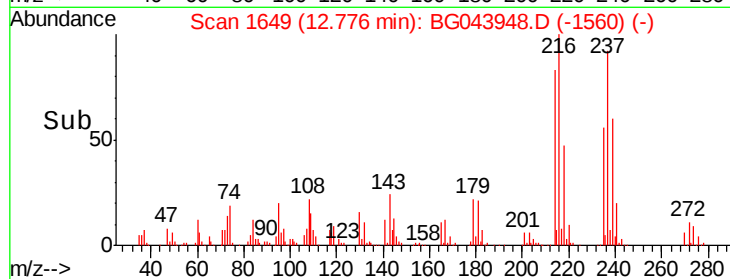
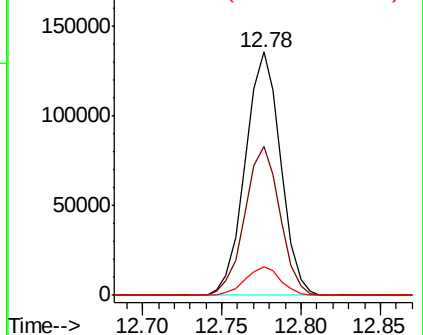
272 11.8 0.0 31.7



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: 85.317 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

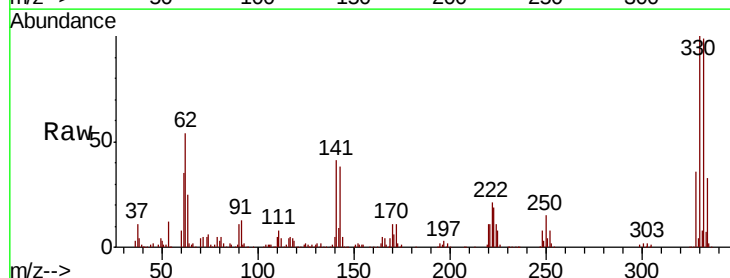
Tgt Ion:330 Resp: 339270

Ion Ratio Lower Upper

330 100

332 96.9 77.2 115.8

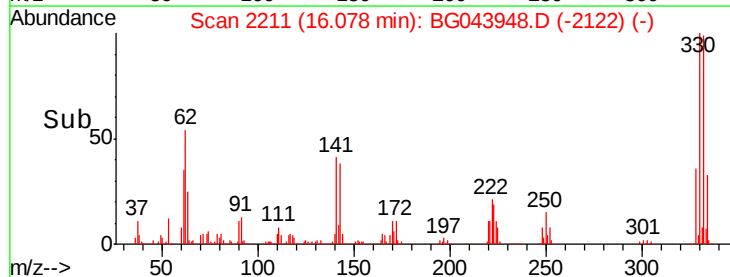
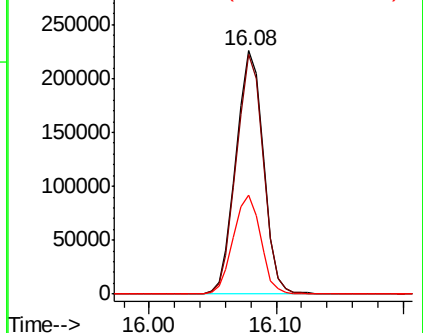
141 40.6 33.1 49.7

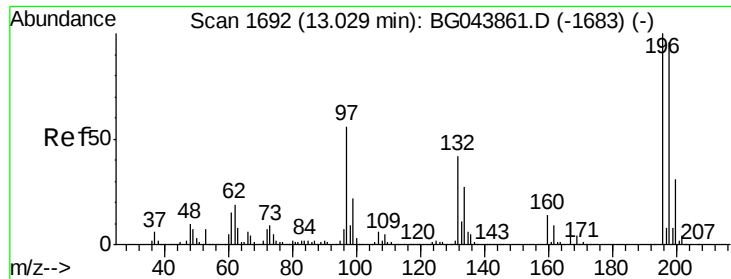


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

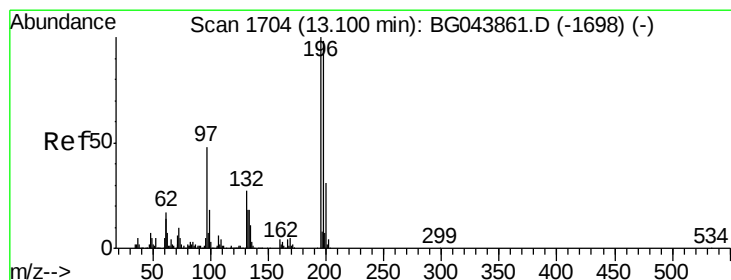
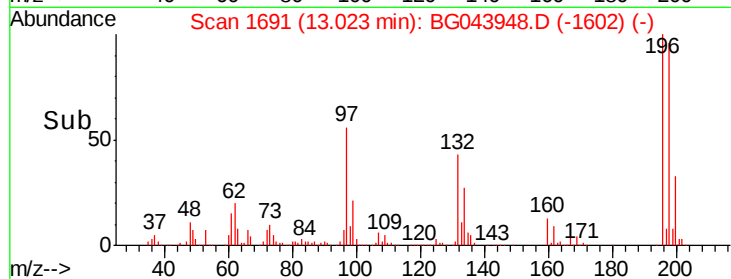
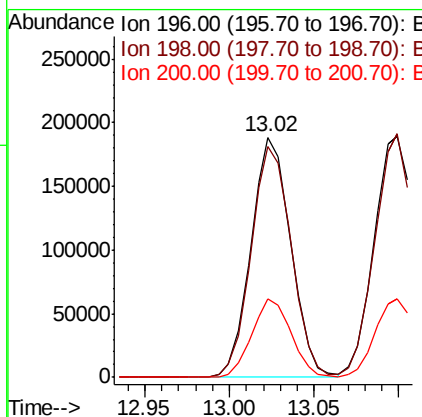
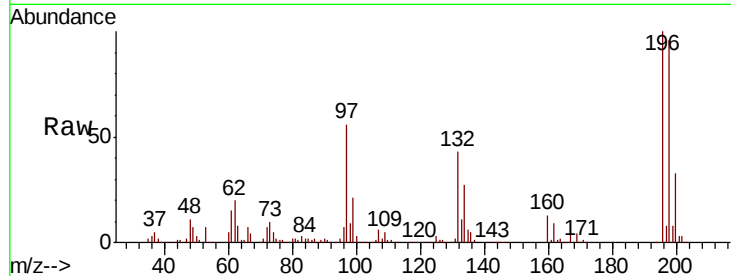




#43
 2,4,6-Trichlorophenol
 Concen: 40.216 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG043948.D
 Acq: 7 Jan 2020 9:58

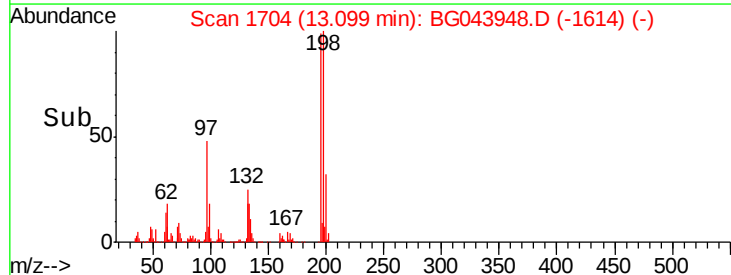
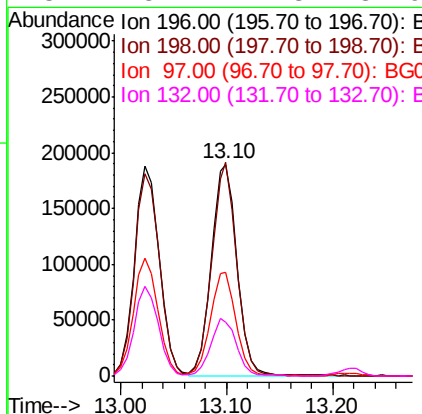
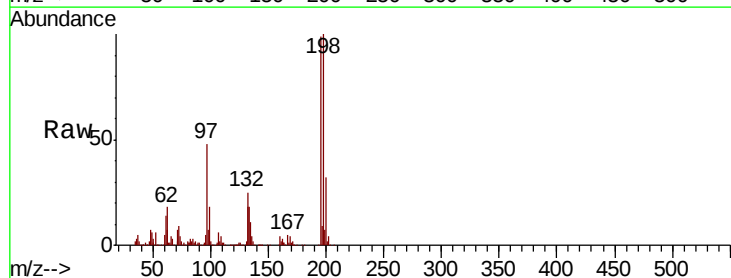
Instrument :
 BNA_G
 ClientSampleId :

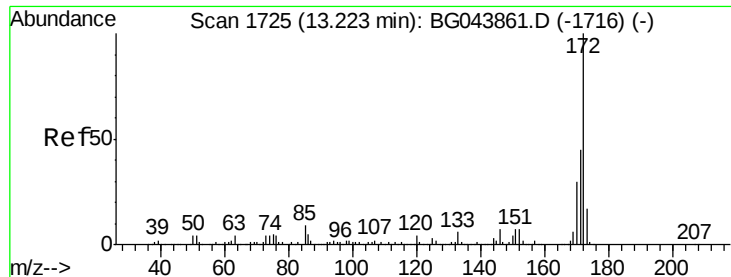
Tot Ion:196 Resp: 308202
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.6 115.0
 200 32.6 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 40.677 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG043948.D
 Acq: 7 Jan 2020 9:58

Tgt Ion:196 Resp: 321519
 Ion Ratio Lower Upper
 196 100
 198 101.0 78.3 117.5
 97 48.8 38.8 58.2
 132 25.4 21.3 31.9



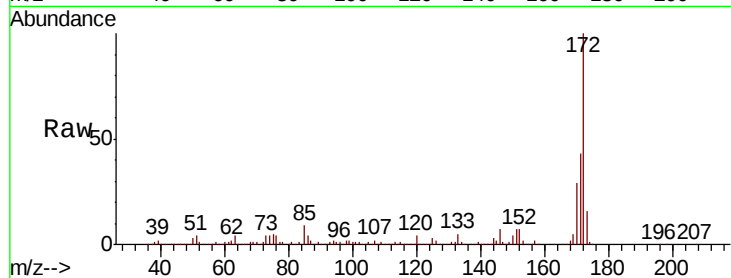


#45
 2-Fluorobiphenyl
 Concen: 83.230 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG043948.D
 Acq: 7 Jan 2020 9:58

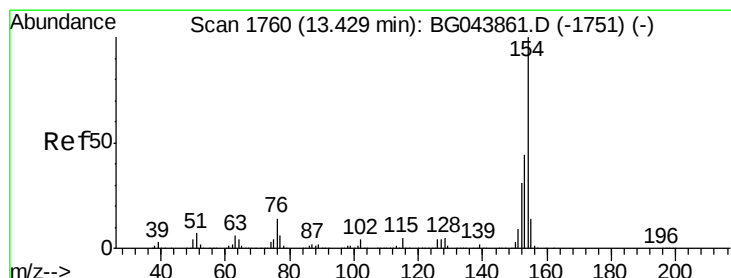
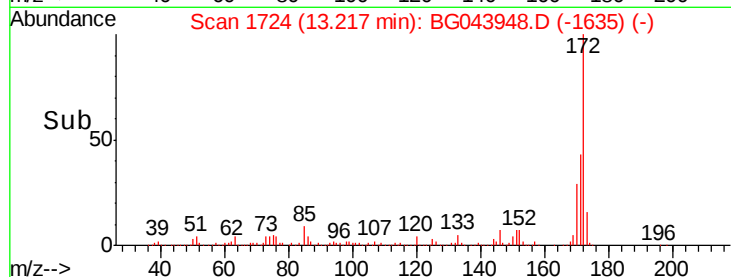
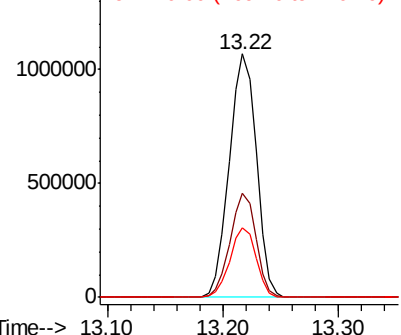
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 1745642

Ion	Ratio	Lower	Upper
172	100		
171	42.7	35.8	53.8
170	28.7	24.2	36.4



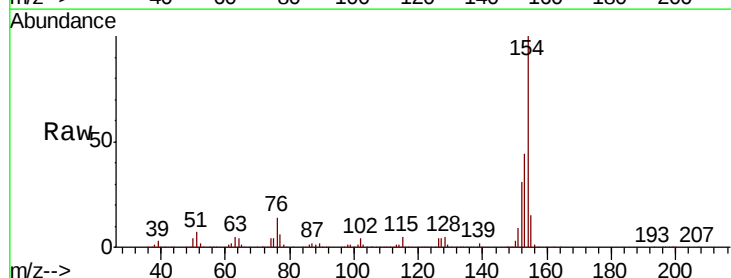
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



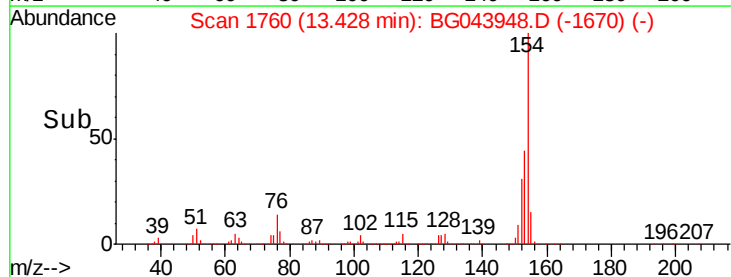
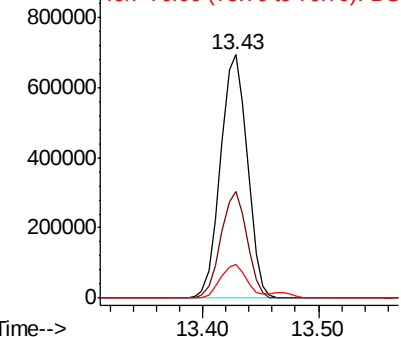
#46
 1,1'-Biphenyl
 Concen: 40.870 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. -0.00 min
 Lab File: BG043948.D
 Acq: 7 Jan 2020 9:58

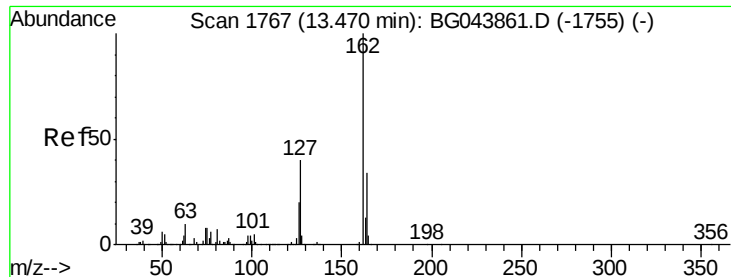
Tgt Ion:154 Resp: 1113507

Ion	Ratio	Lower	Upper
154	100		
153	43.7	23.6	63.6
76	14.0	0.0	34.4



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

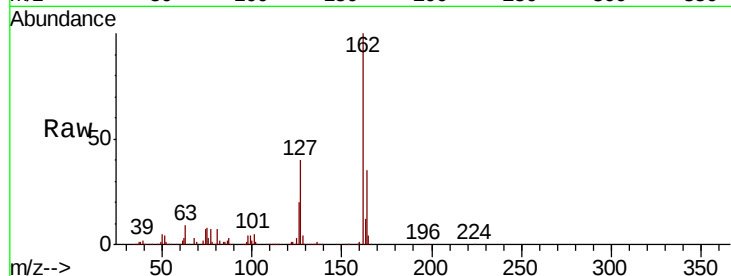




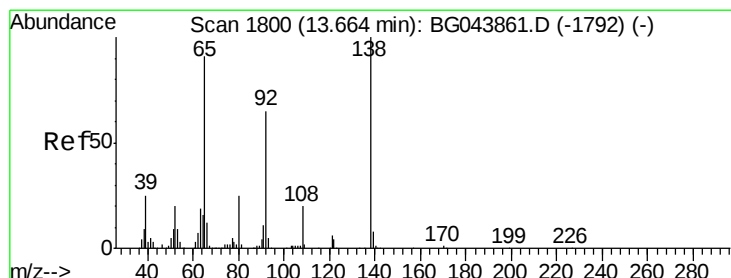
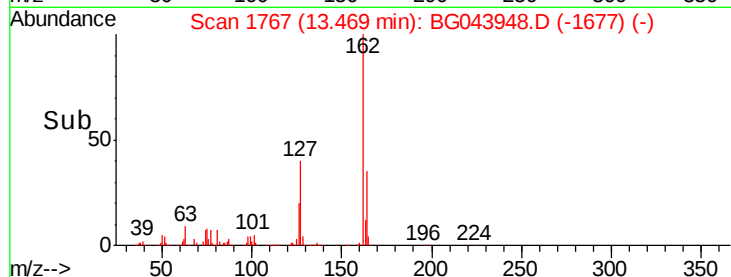
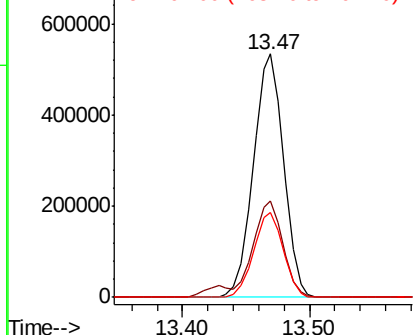
#47
2-Chloronaphthalene
Concen: 40.231 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG043948.D
Acq: 7 Jan 2020 9:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.7	32.1	48.1
164	35.0	27.5	41.3

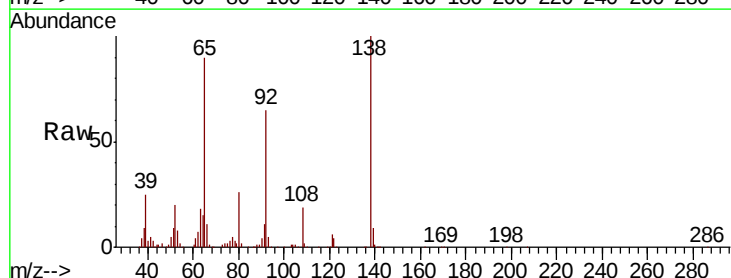


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

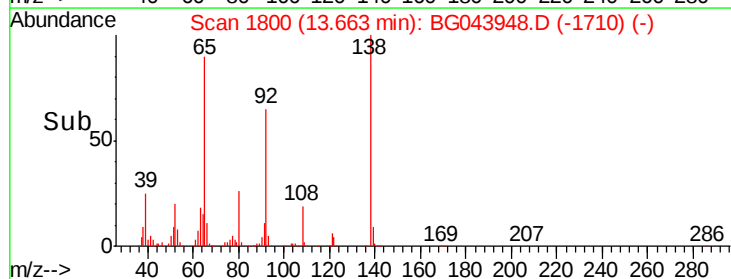
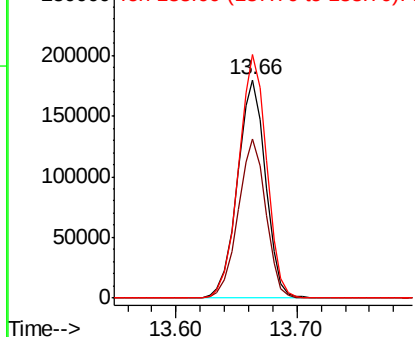


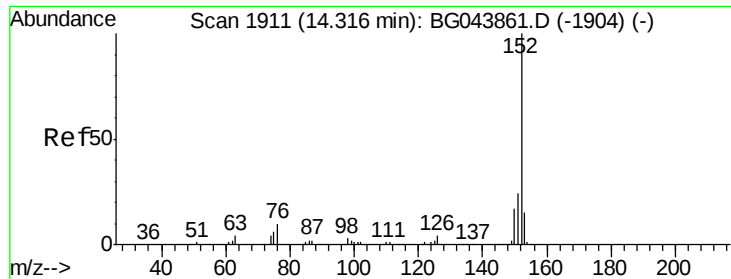
#48
2-Nitroaniline
Concen: 41.162 ng
RT: 13.66 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG043948.D
Acq: 7 Jan 2020 9:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.9	57.4	86.2
138	111.5	88.2	132.4



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





#49

Acenaphthylene

Concen: 41.309 ng

RT: 14.32 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

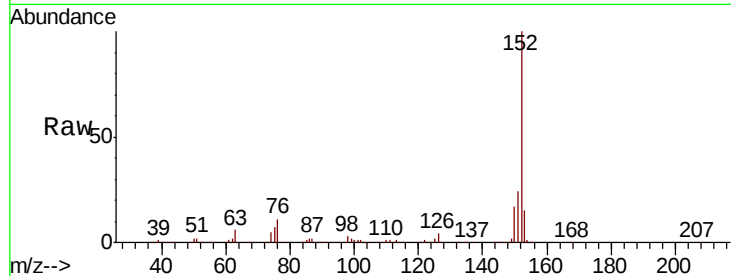
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 1307145

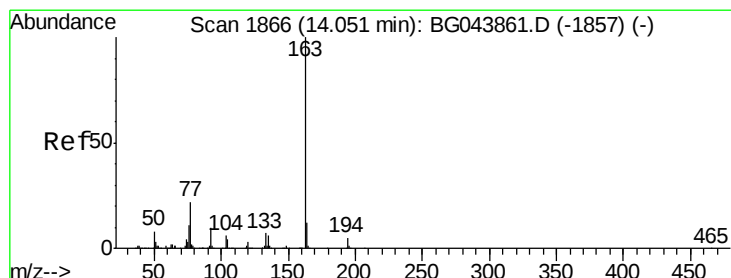
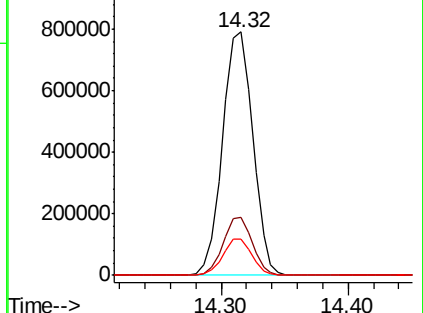
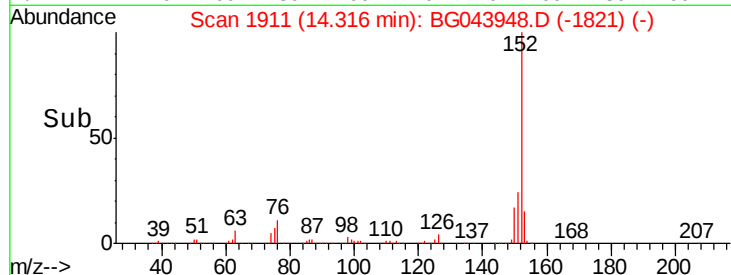
Ion	Ratio	Lower	Upper
152	100		
151	23.6	19.4	29.2
153	15.0	12.0	18.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.217 ng

RT: 14.05 min Scan# 1865

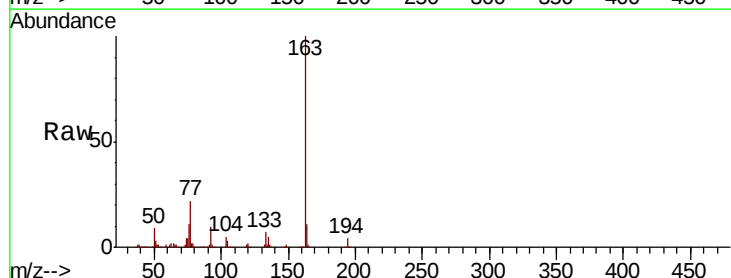
Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Tgt Ion:163 Resp: 1112083

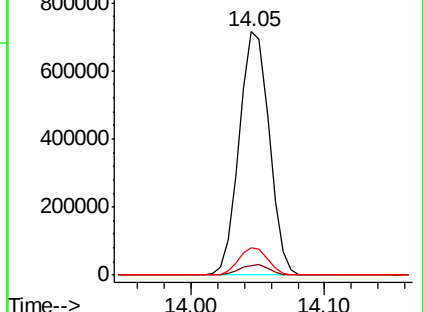
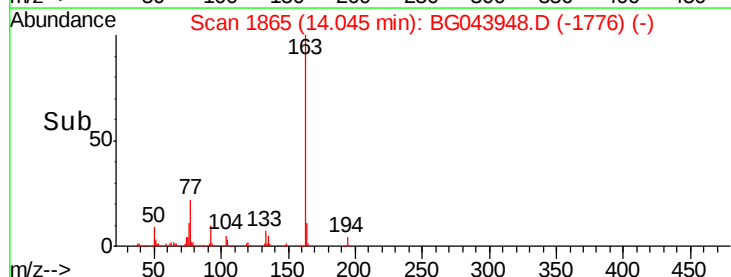
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.7	5.5
164	11.5	9.3	13.9

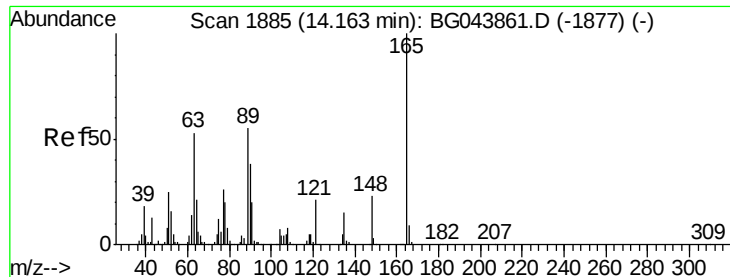


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

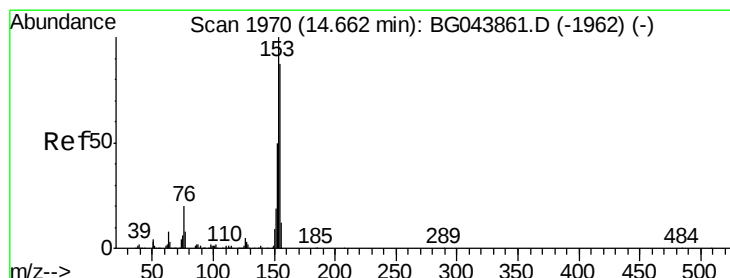
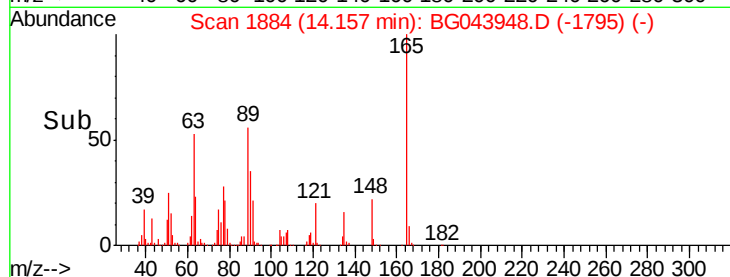
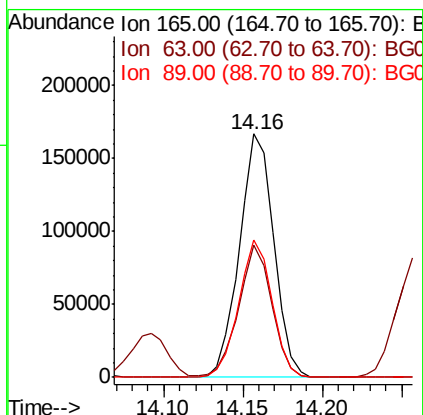
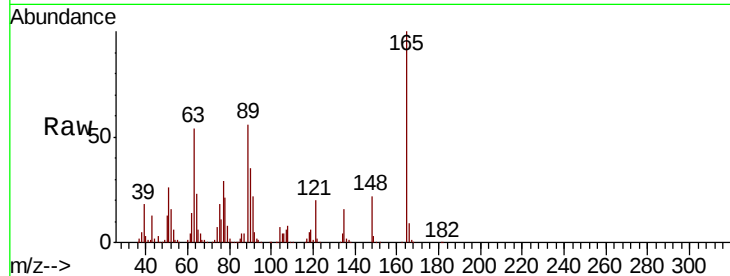




#51
 2,6-Dinitrotoluene
 Concen: 41.095 ng
 RT: 14.16 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: BG043948.D
 Acq: 7 Jan 2020 9:58

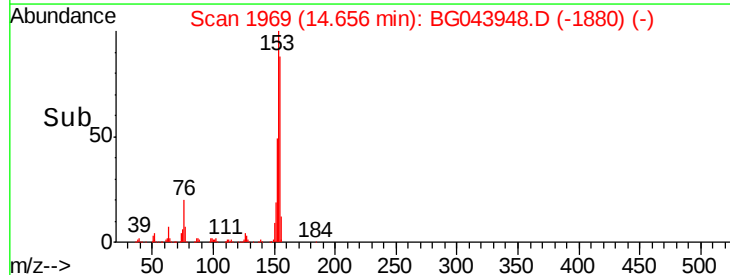
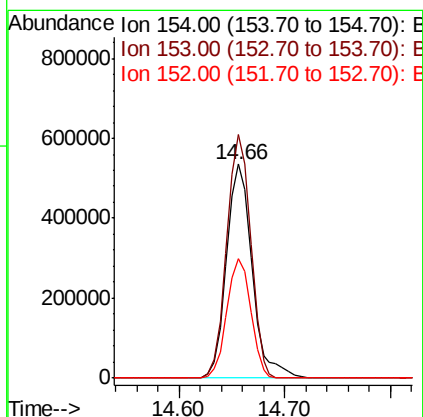
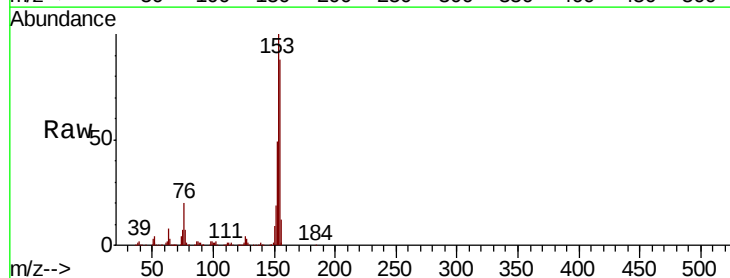
Instrument :
 BNA_G
 ClientSampleId :

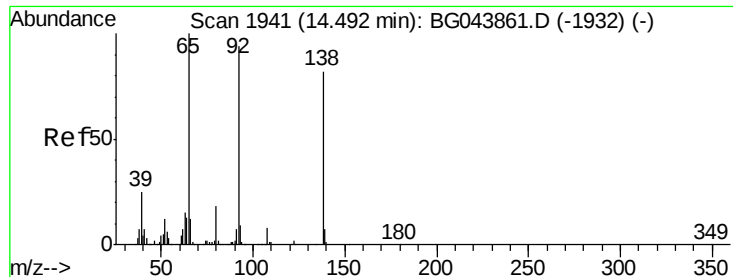
Tot Ion:165 Resp: 250614
 Ion Ratio Lower Upper
 165 100
 63 54.3 43.1 64.7
 89 56.3 43.8 65.6



#52
 Acenaphthene
 Concen: 40.473 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG043948.D
 Acq: 7 Jan 2020 9:58

Tgt Ion:154 Resp: 898132
 Ion Ratio Lower Upper
 154 100
 153 113.9 91.6 137.4
 152 56.1 45.4 68.0

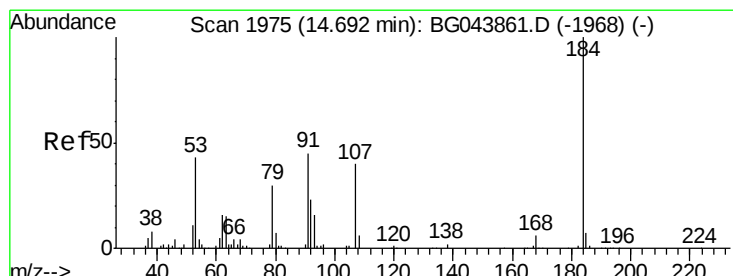
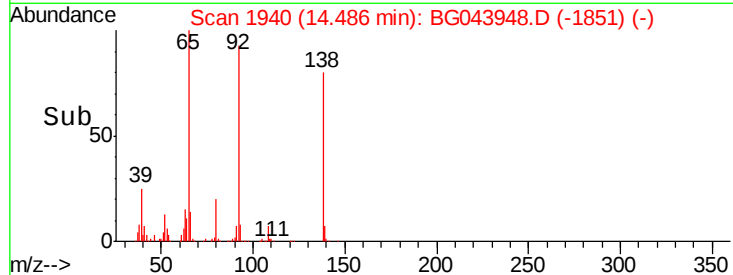
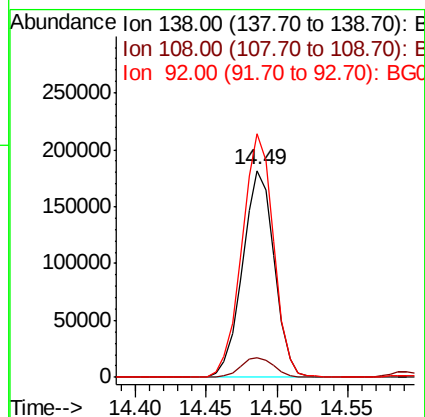
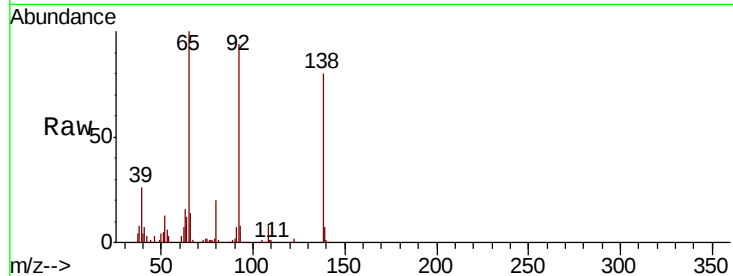




#53
3-Nitroaniline
Concen: 41.457 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG043948.D
Acq: 7 Jan 2020 9:58

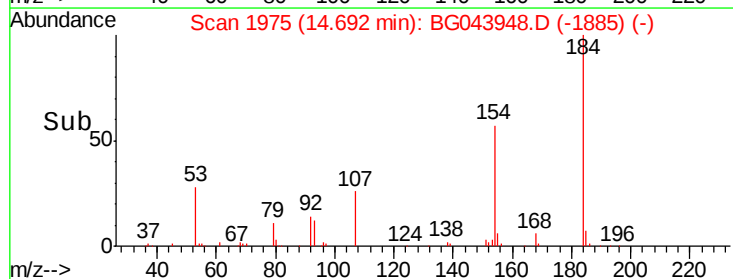
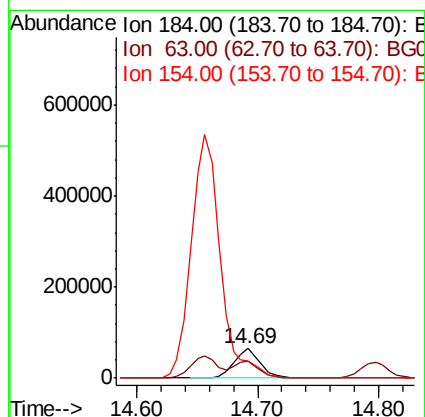
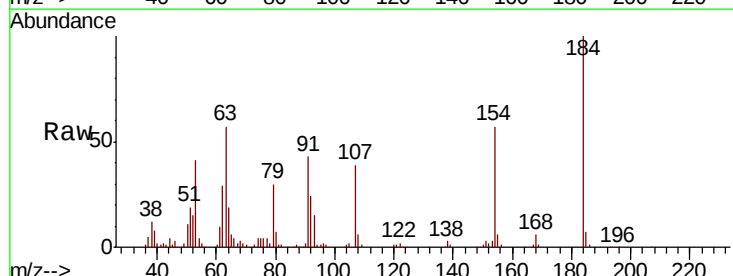
Instrument :
BNA_G
ClientSampled :

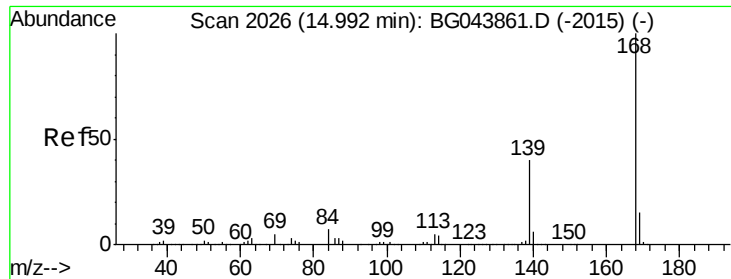
Tot Ion:138 Resp: 287098
Ion Ratio Lower Upper
138 100
108 9.6 7.4 11.2
92 117.6 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 35.440 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043948.D
Acq: 7 Jan 2020 9:58

Tgt Ion:184 Resp: 99920
Ion Ratio Lower Upper
184 100
63 56.6 46.6 70.0
154 56.6 50.2 75.4

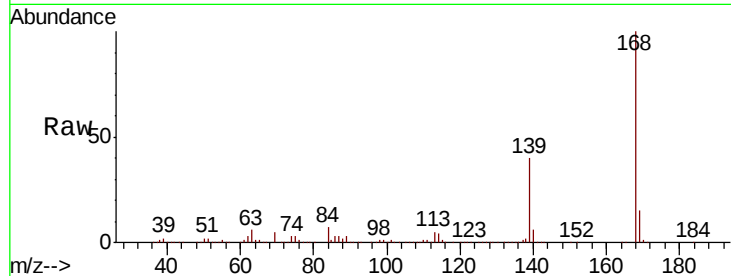




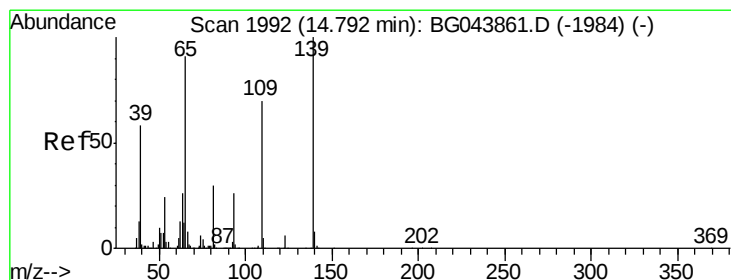
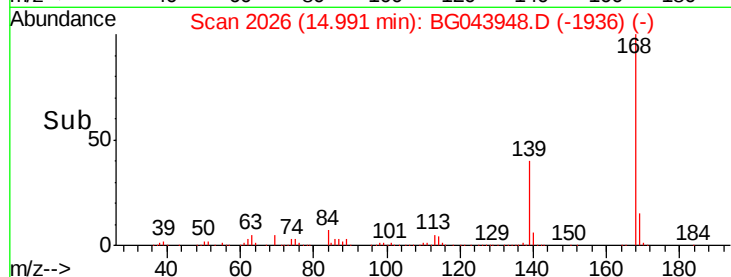
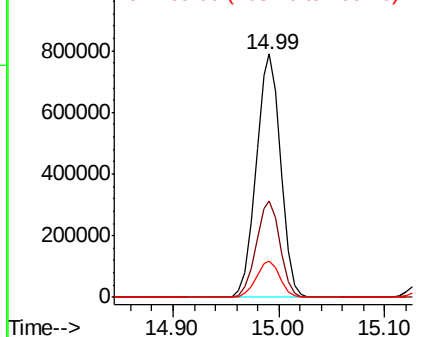
#55
Dibenzenofuran
Concen: 41.590 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG043948.D
Acq: 7 Jan 2020 9:58

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 1270521
Ion Ratio Lower Upper
168 100
139 39.8 32.2 48.2
169 15.0 12.2 18.2

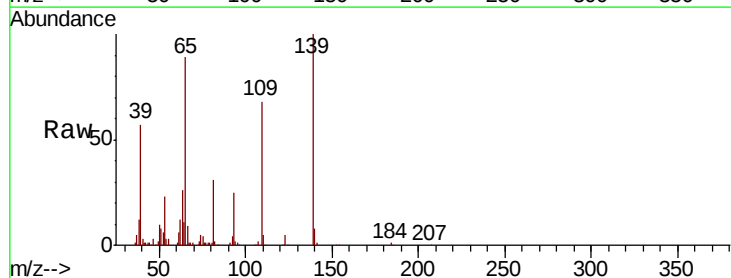


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

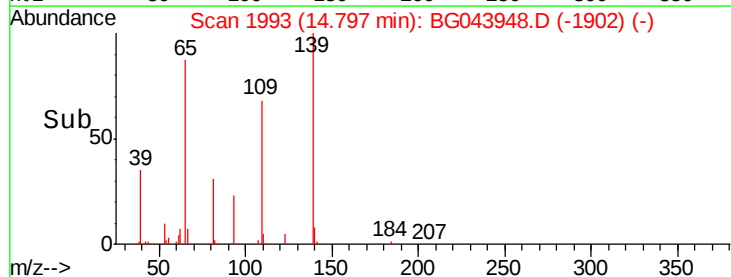
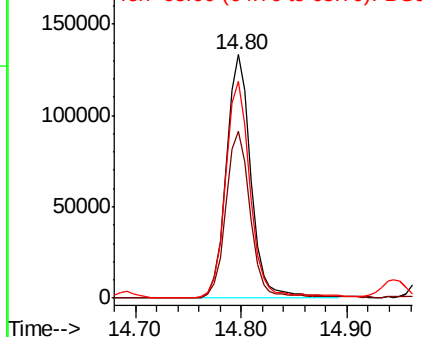


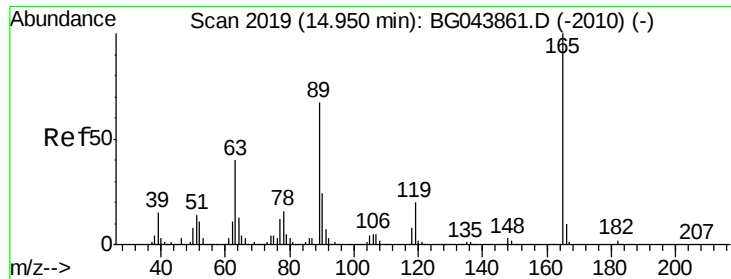
#56
4-Nitrophenol
Concen: 40.324 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.01 min
Lab File: BG043948.D
Acq: 7 Jan 2020 9:58

Tgt Ion:139 Resp: 213991
Ion Ratio Lower Upper
139 100
109 68.3 50.4 90.4
65 89.2 71.4 111.4



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

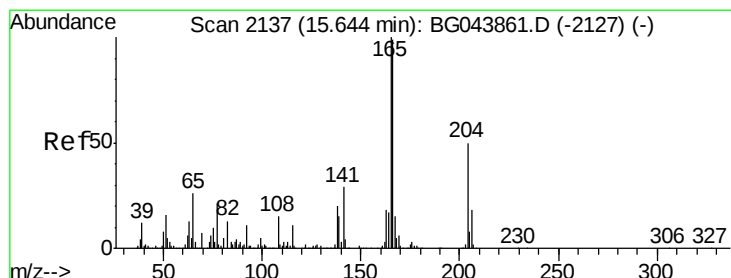
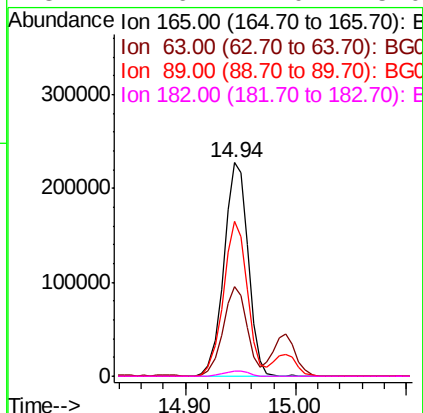
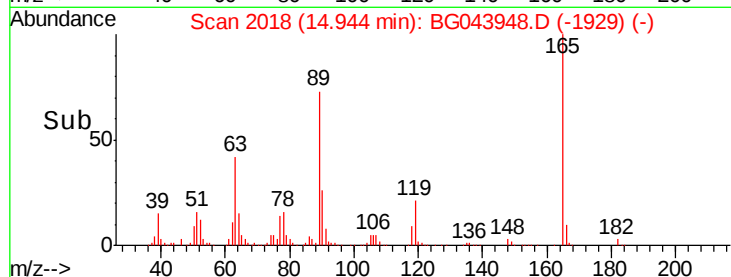
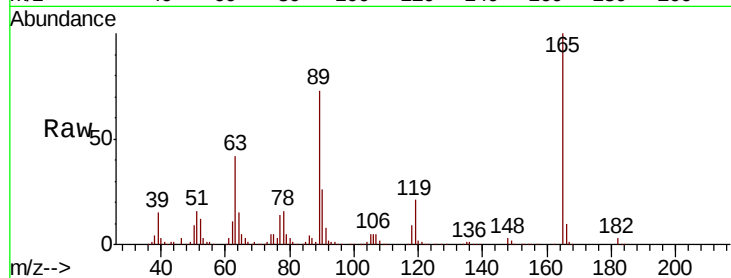




#57
2,4-Dinitrotoluene
Concen: 41.994 ng
RT: 14.94 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG043948.D
Acq: 7 Jan 2020 9:58

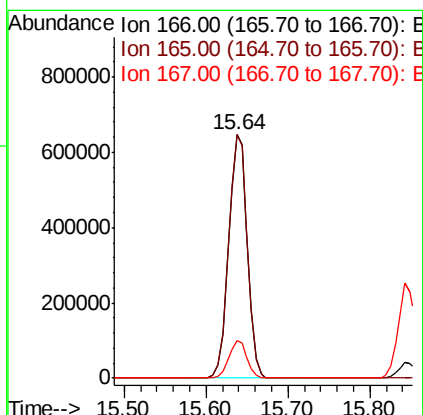
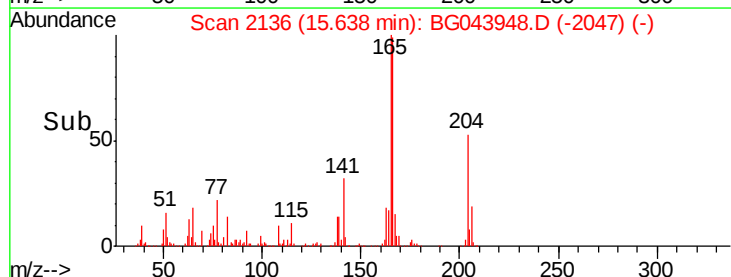
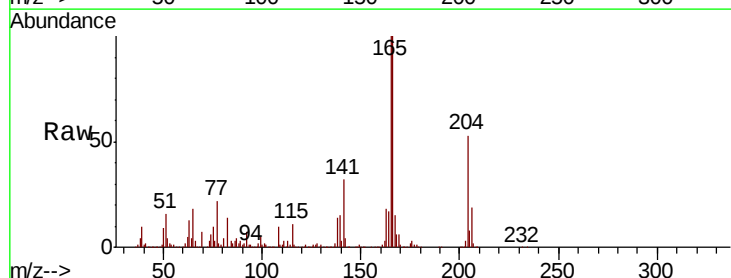
Instrument :
BNA_G
ClientSampleId :

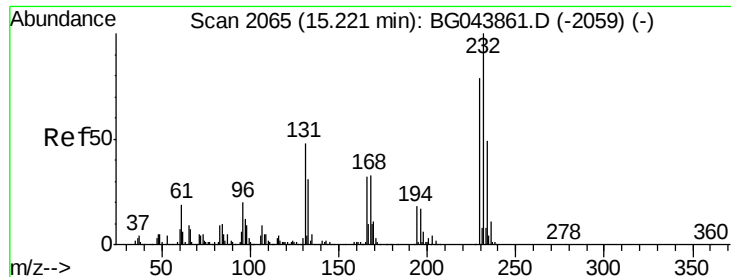
Tot Ion:165 Resp: 348468
Ion Ratio Lower Upper
165 100
63 41.7 31.9 47.9
89 72.7 53.8 80.6
182 2.6 2.0 3.0



#58
Fluorene
Concen: 41.826 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG043948.D
Acq: 7 Jan 2020 9:58

Tgt Ion:166 Resp: 1012719
Ion Ratio Lower Upper
166 100
165 100.1 80.8 121.2
167 15.3 12.1 18.1

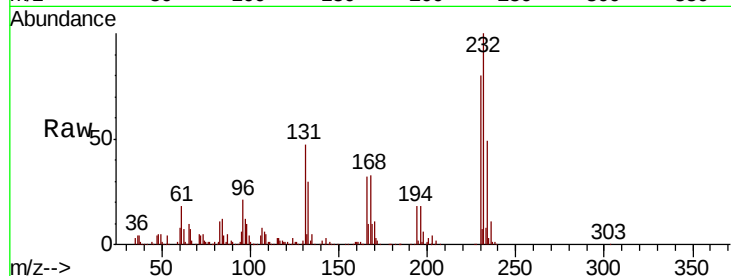




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.196 ng
RT: 15.21 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BG043948.D
Acq: 7 Jan 2020 9:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.3	38.2	57.2
130	2.5	2.2	3.2
166	31.6	26.4	39.6



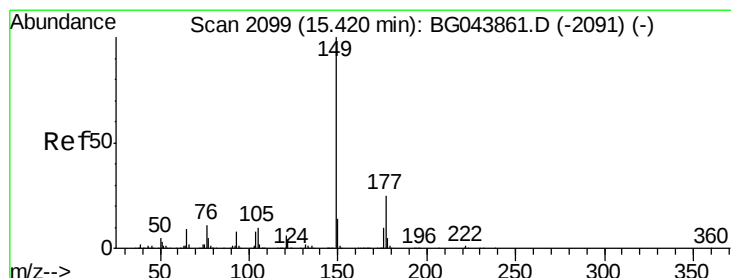
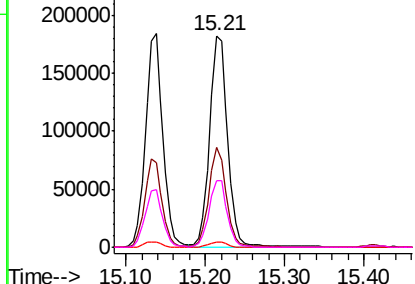
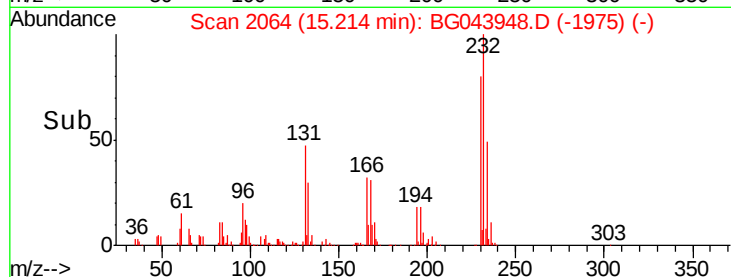
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

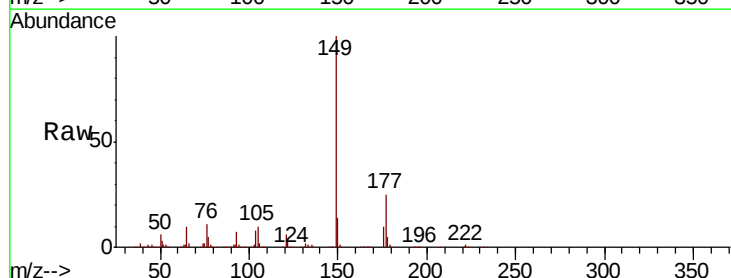
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 42.195 ng
RT: 15.41 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BG043948.D
Acq: 7 Jan 2020 9:58

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.8	20.0	30.0
150	13.9	11.1	16.7

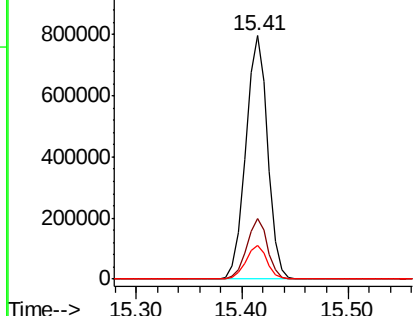
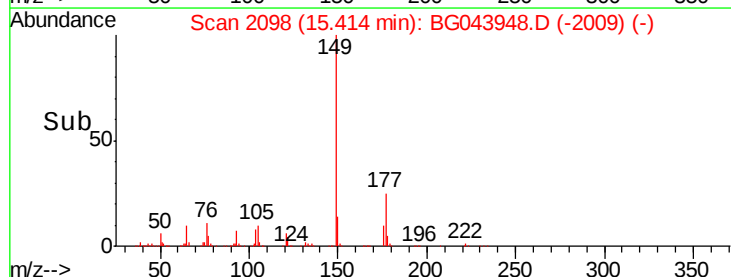


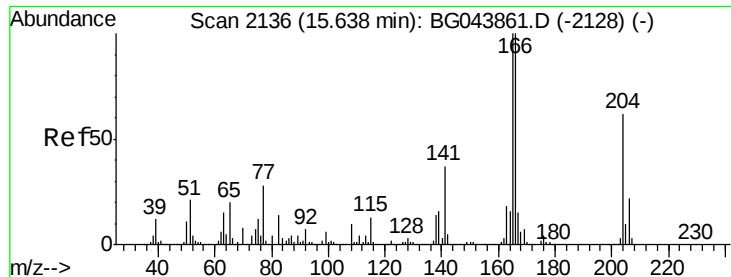
Abundance

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

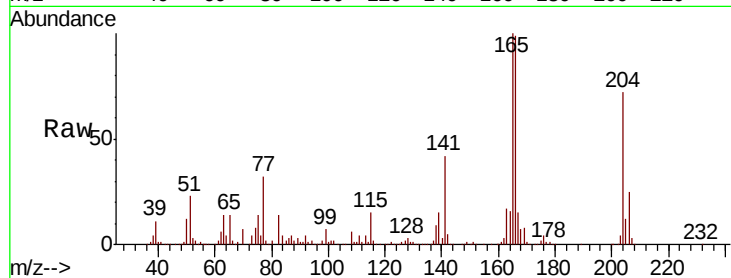




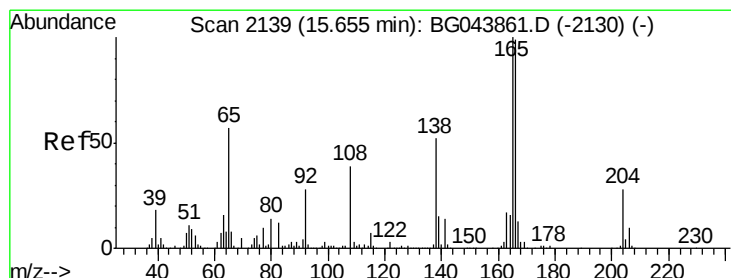
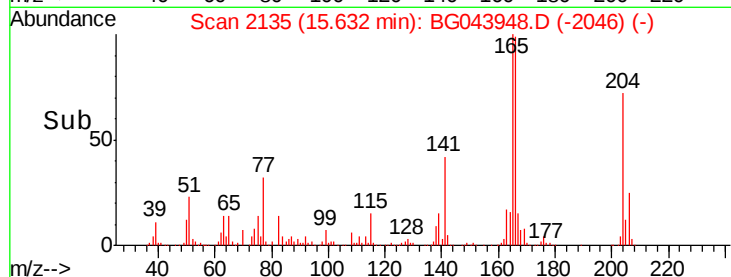
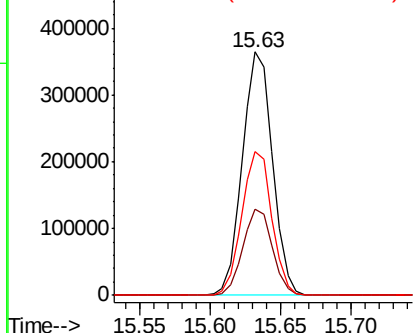
#61
 4-Chlorophenyl-phenylether
 Concen: 41.350 ng
 RT: 15.63 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BG043948.D
 Acq: 7 Jan 2020 9:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 543645
 Ion Ratio Lower Upper
 204 100
 206 35.3 28.2 42.2
 141 59.1 48.2 72.2

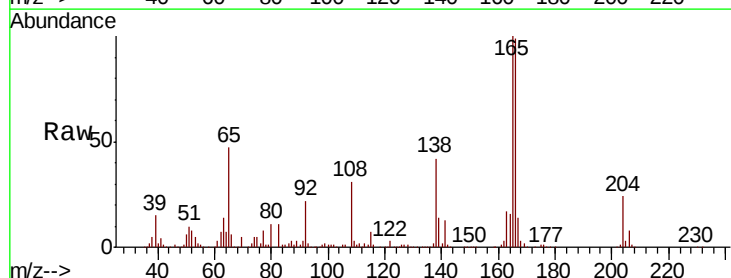


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

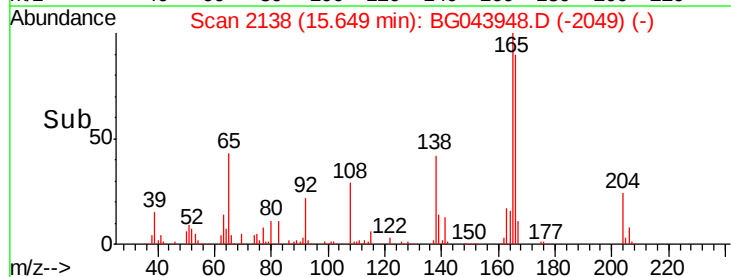
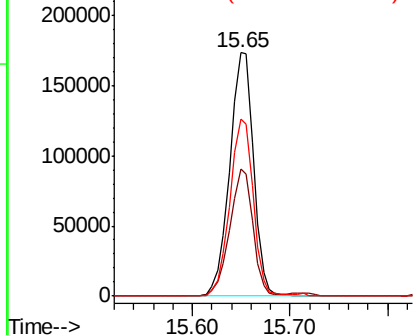


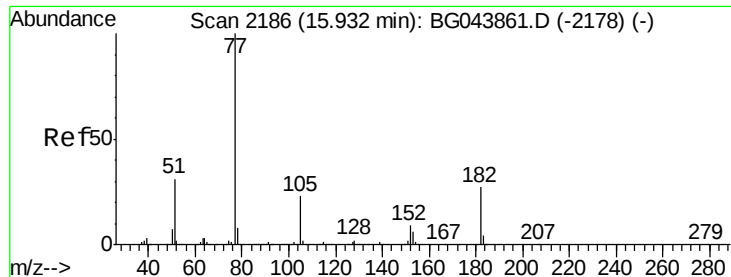
#62
 4-Nitroaniline
 Concen: 43.013 ng
 RT: 15.65 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BG043948.D
 Acq: 7 Jan 2020 9:58

Tgt Ion:138 Resp: 294156
 Ion Ratio Lower Upper
 138 100
 92 52.2 34.3 74.3
 108 72.7 55.0 95.0



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





#63

Azobenzene

Concen: 41.878 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 1048077

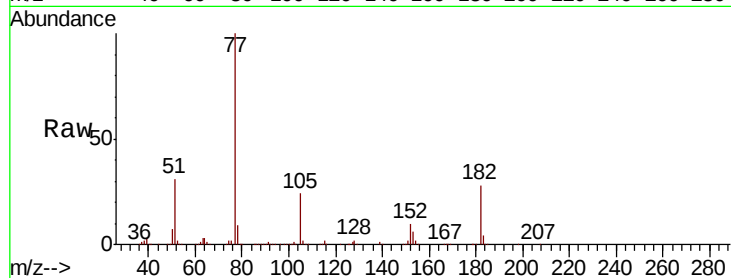
Ion	Ratio	Lower	Upper
77	100		
182	27.6	7.3	47.3
105	23.5	3.2	43.2
51	31.0	10.6	50.6

77 100

182 27.6 7.3 47.3

105 23.5 3.2 43.2

51 31.0 10.6 50.6

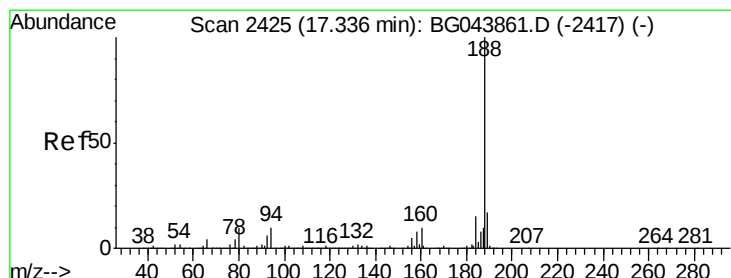
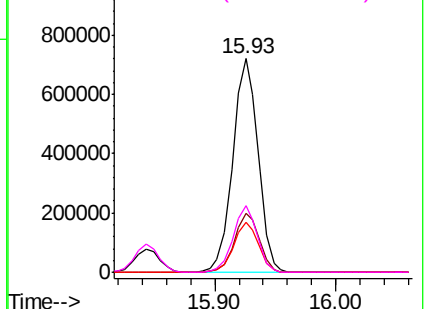
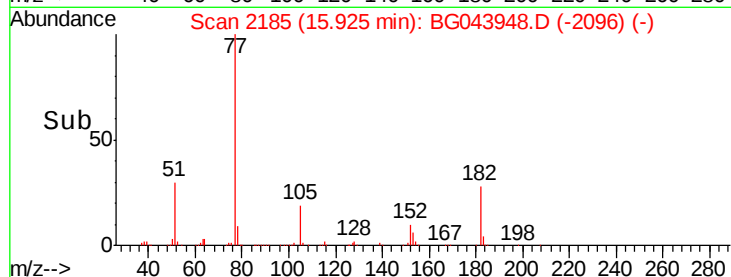


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2425

Delta R.T. -0.00 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

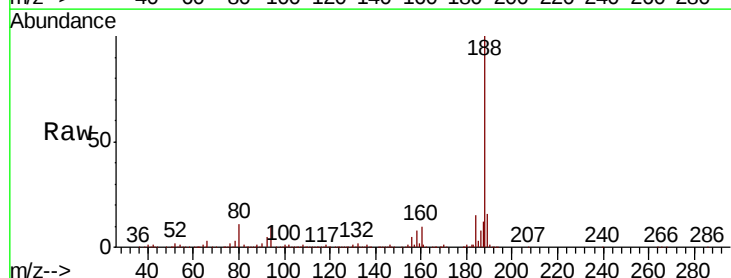
Tgt Ion: 188 Resp: 809883

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.9	11.9
80	10.6	8.2	12.4

188 100

94 9.6 7.9 11.9

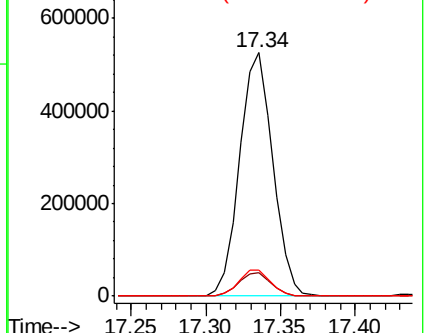
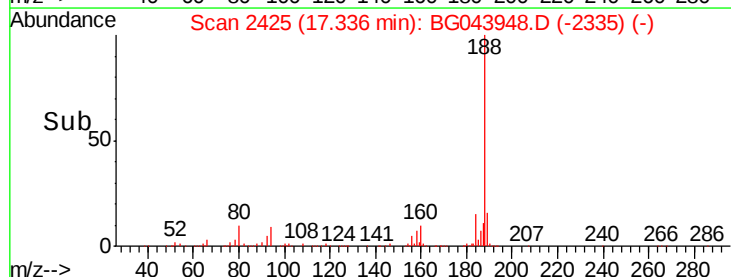
80 10.6 8.2 12.4

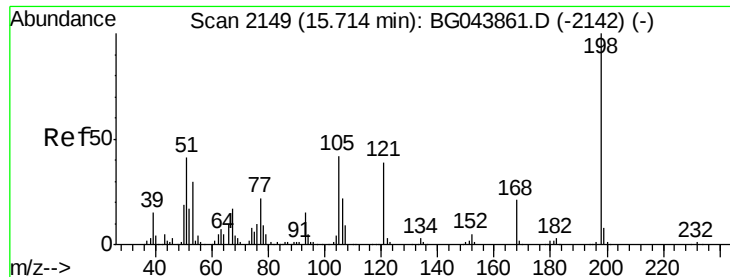


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

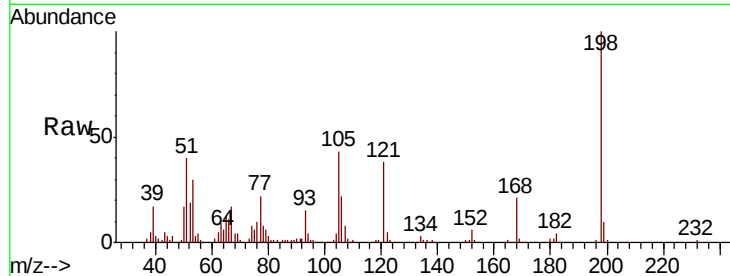




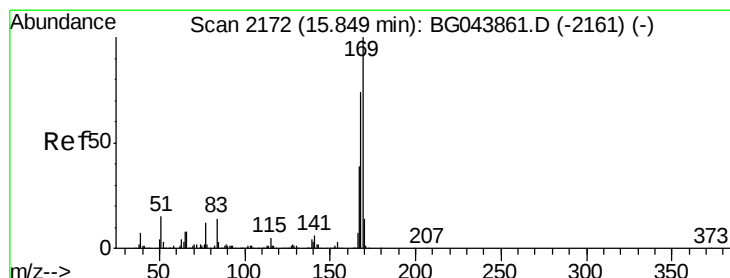
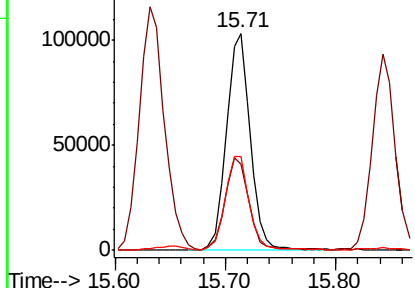
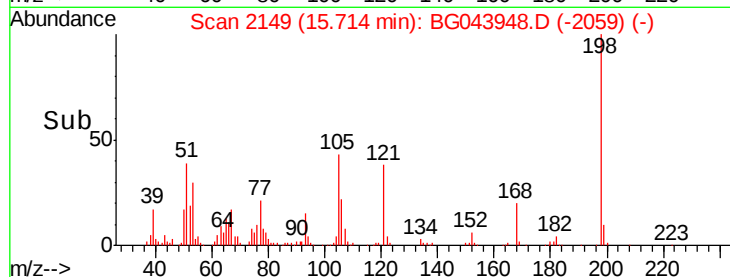
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.463 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.00 min
 Lab File: BG043948.D
 Acq: 7 Jan 2020 9:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 156492
 Ion Ratio Lower Upper
 198 100
 51 39.6 22.5 62.5
 105 43.1 22.3 62.3

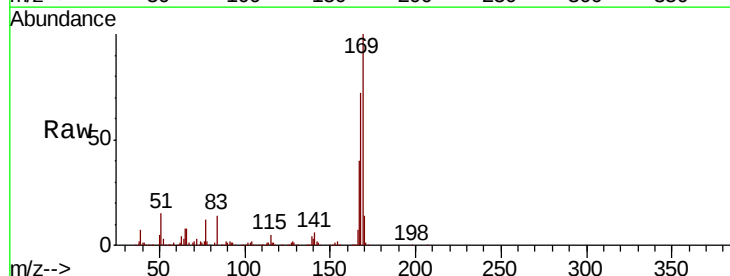


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

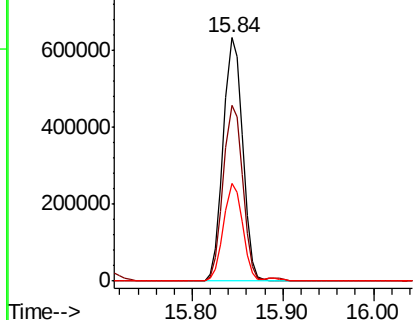
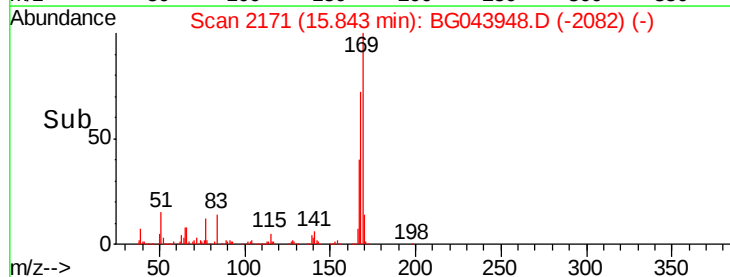


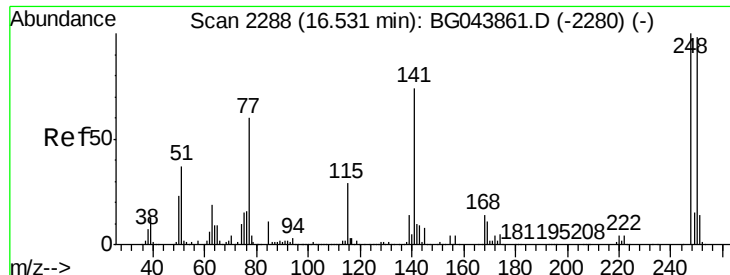
#66
 n-Nitrosodiphenylamine
 Concen: 39.566 ng
 RT: 15.84 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BG043948.D
 Acq: 7 Jan 2020 9:58

Tgt Ion:169 Resp: 943652
 Ion Ratio Lower Upper
 169 100
 168 72.1 59.0 88.6
 167 39.9 31.4 47.0



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

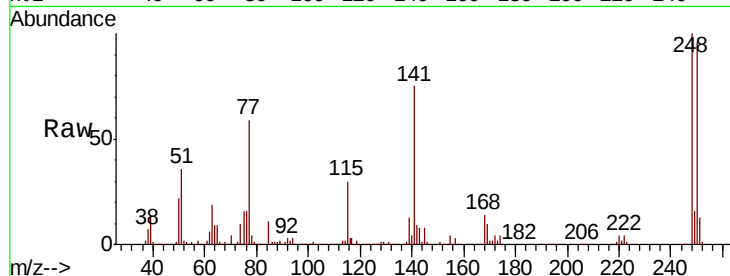




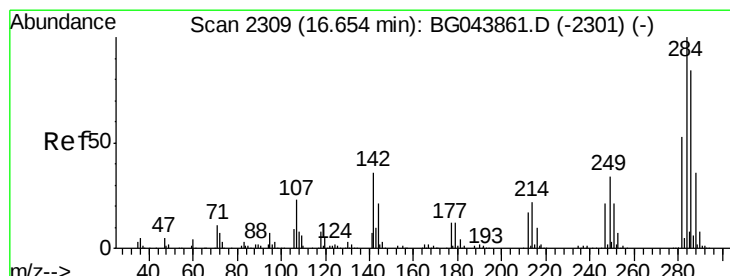
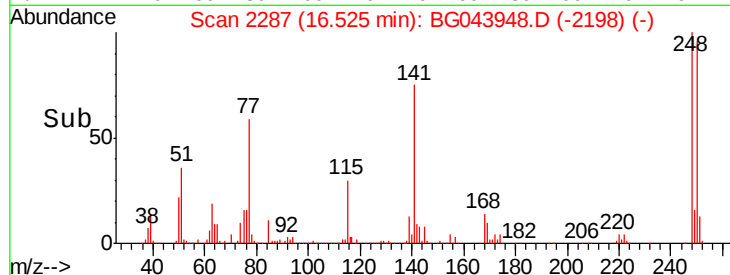
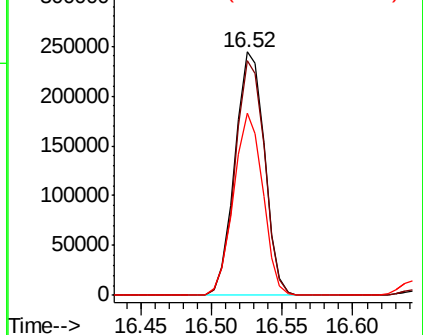
#67
 4-Bromophenyl-phenylether
 Concen: 39.371 ng
 RT: 16.52 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BG043948.D
 Acq: 7 Jan 2020 9:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 358615
 Ion Ratio Lower Upper
 248 100
 250 96.2 78.2 117.2
 141 74.7 59.3 88.9

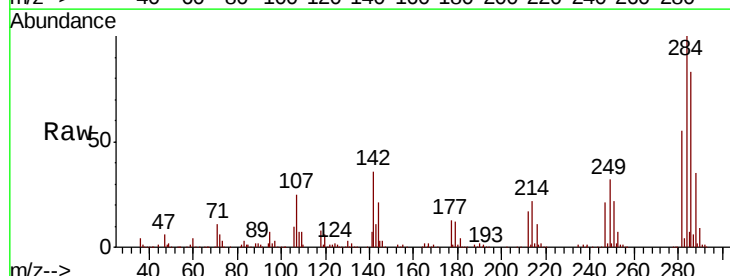


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

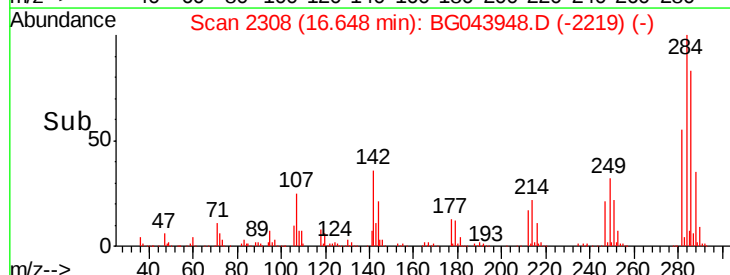
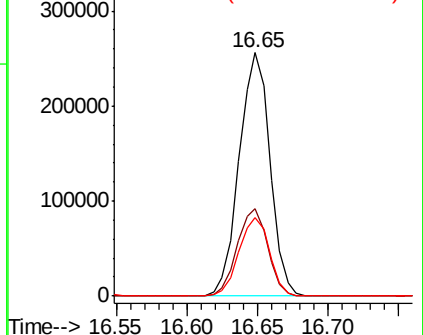


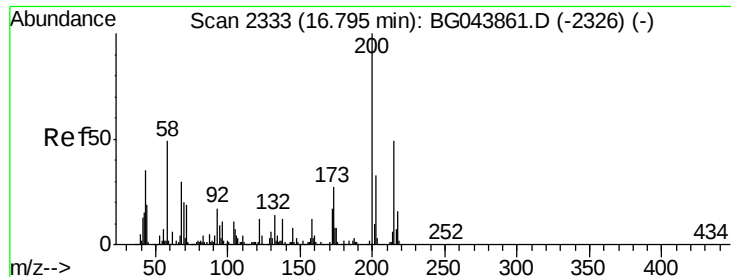
#68
 Hexachlorobenzene
 Concen: 39.772 ng
 RT: 16.65 min Scan# 2308
 Delta R.T. -0.01 min
 Lab File: BG043948.D
 Acq: 7 Jan 2020 9:58

Tgt Ion:284 Resp: 390356
 Ion Ratio Lower Upper
 284 100
 142 35.8 28.6 43.0
 249 32.5 27.0 40.6



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

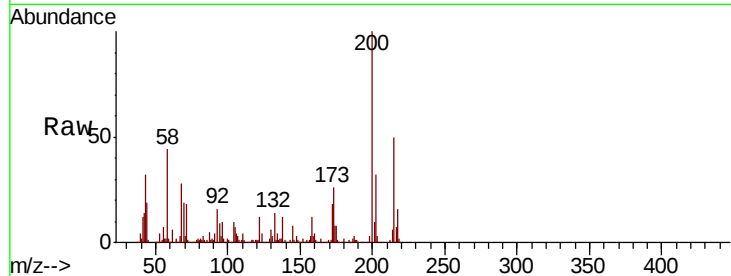




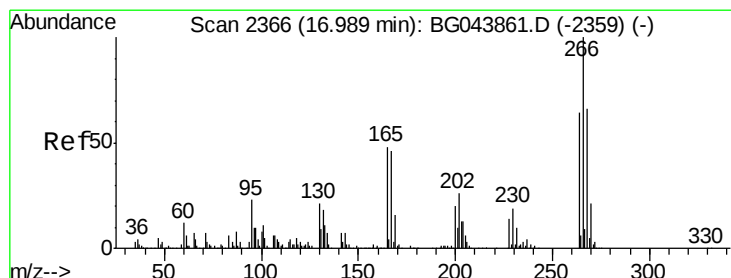
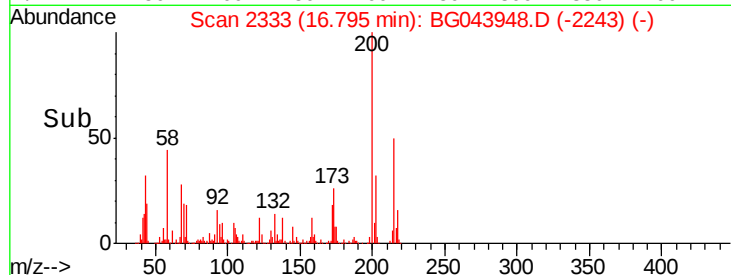
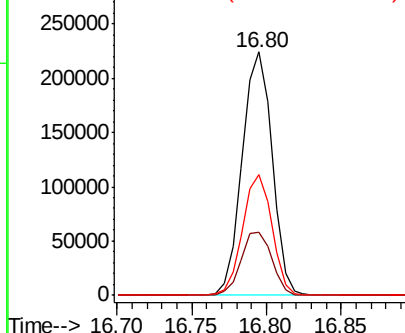
#69
Atrazine
Concen: 40.159 ng
RT: 16.80 min Scan# 2333
Delta R.T. -0.00 min
Lab File: BG043948.D
Acq: 7 Jan 2020 9:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.0	6.6	46.6
215	49.7	28.6	68.6

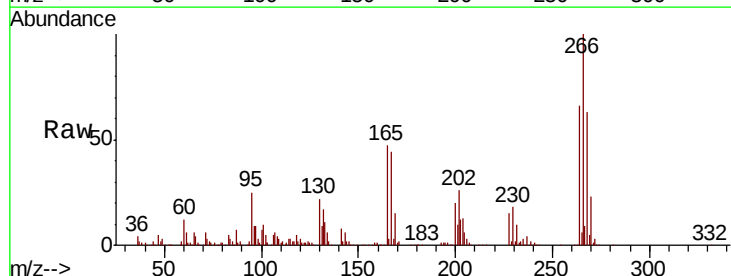


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

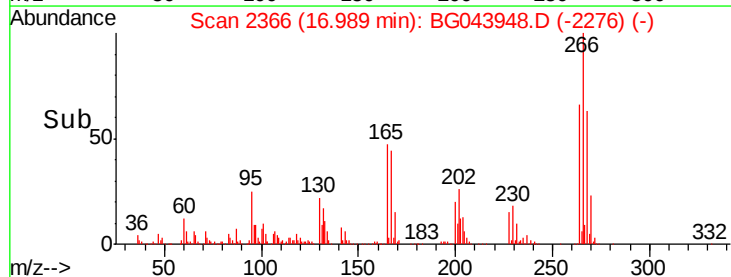
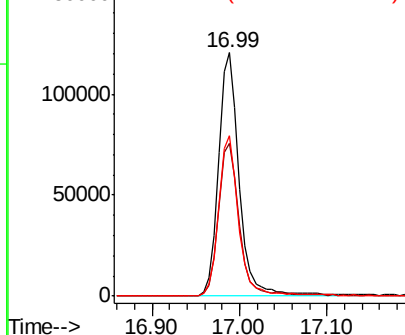


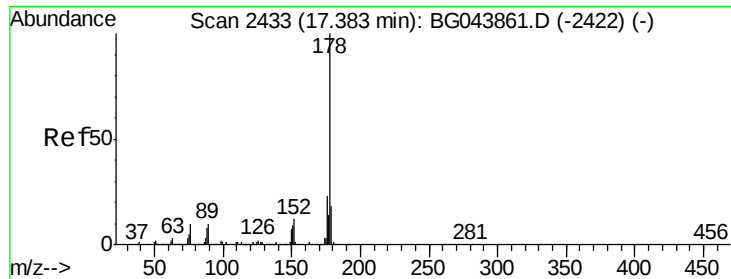
#70
Pentachlorophenol
Concen: 36.749 ng
RT: 16.99 min Scan# 2366
Delta R.T. -0.00 min
Lab File: BG043948.D
Acq: 7 Jan 2020 9:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	52.6	79.0
264	65.7	50.8	76.2



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

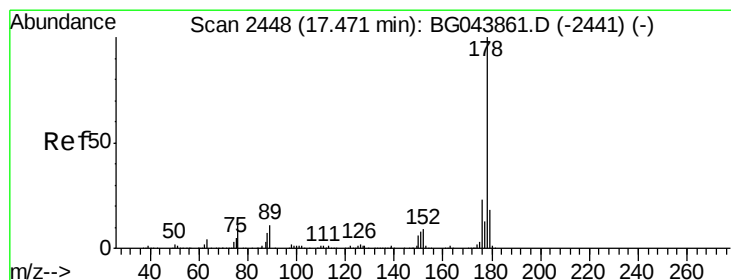
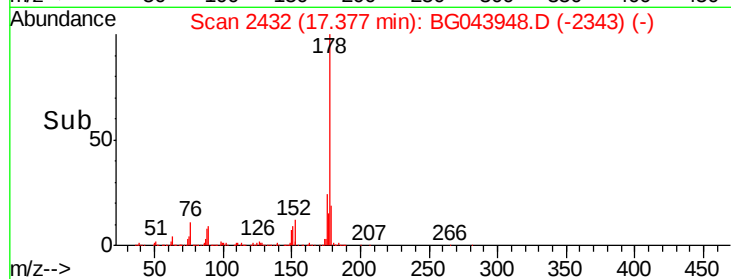
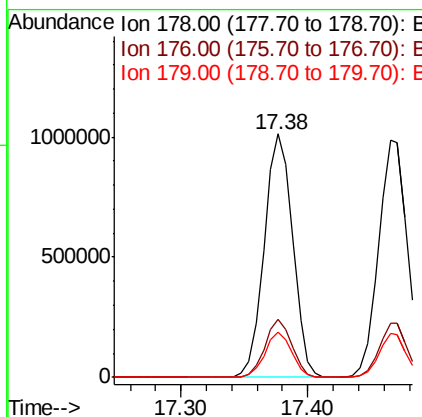
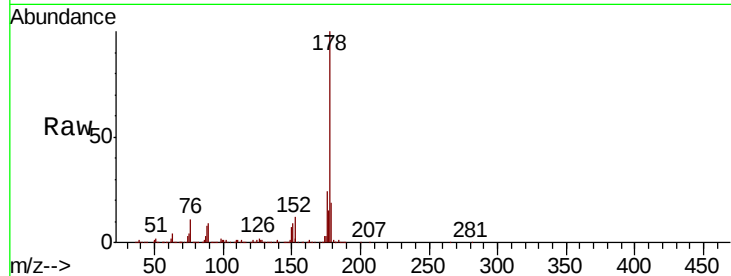




#71
Phenanthrene
Concen: 40.739 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043948.D
Acq: 7 Jan 2020 9:58

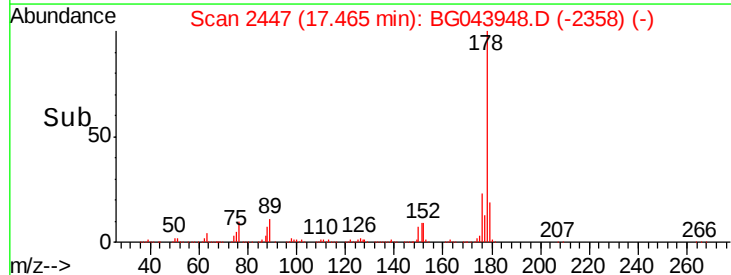
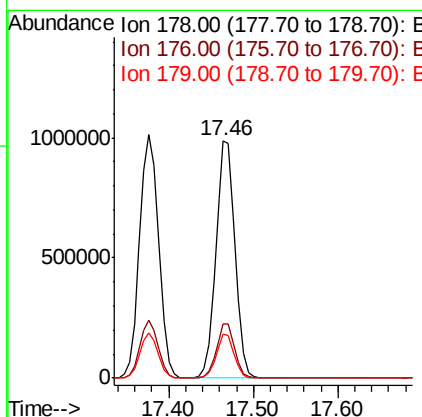
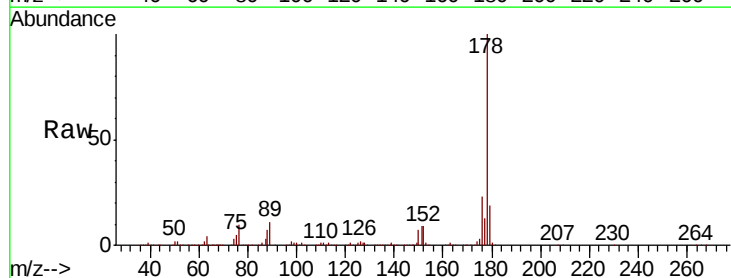
Instrument :
BNA_G
ClientSampled :

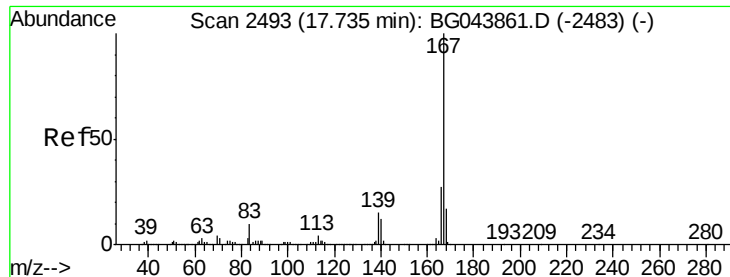
Tot Ion:178 Resp: 1582549
Ion Ratio Lower Upper
178 100
176 23.9 18.6 28.0
179 18.7 14.4 21.6



#72
Anthracene
Concen: 40.816 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BG043948.D
Acq: 7 Jan 2020 9:58

Tgt Ion:178 Resp: 1566983
Ion Ratio Lower Upper
178 100
176 22.9 18.3 27.5
179 18.7 14.6 22.0

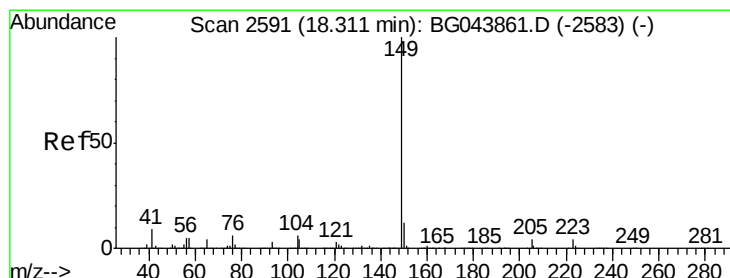
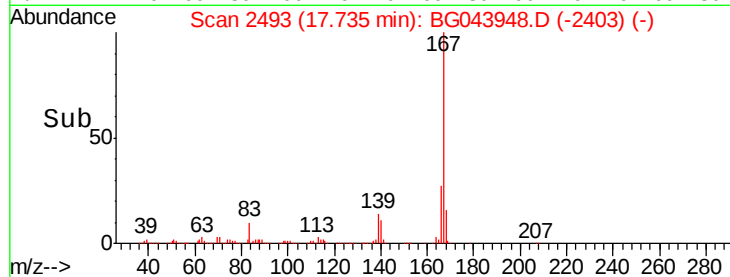
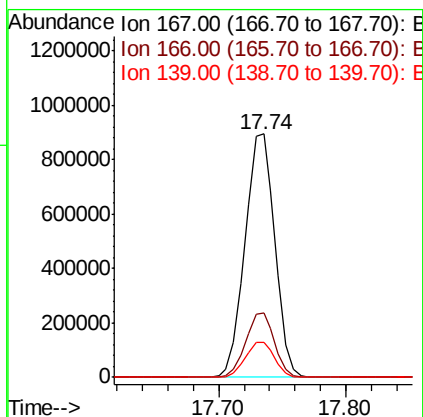
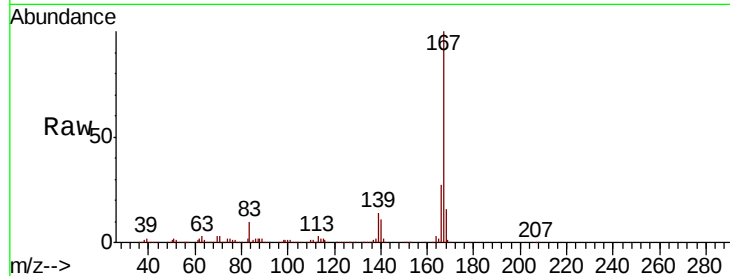




#73
 Carbazole
 Concen: 41.310 ng
 RT: 17.74 min Scan# 2493
 Delta R.T. -0.00 min
 Lab File: BG043948.D
 Acq: 7 Jan 2020 9:58

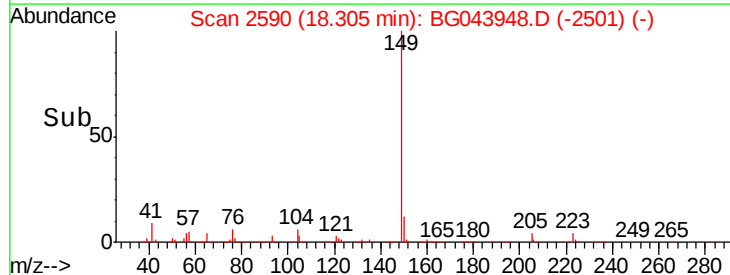
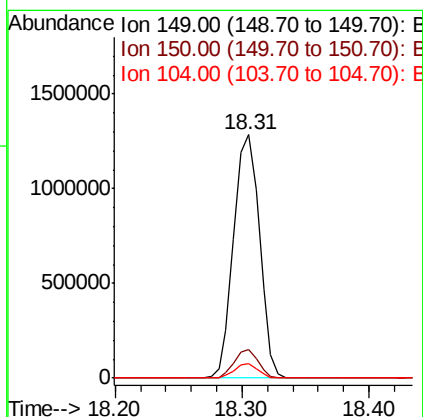
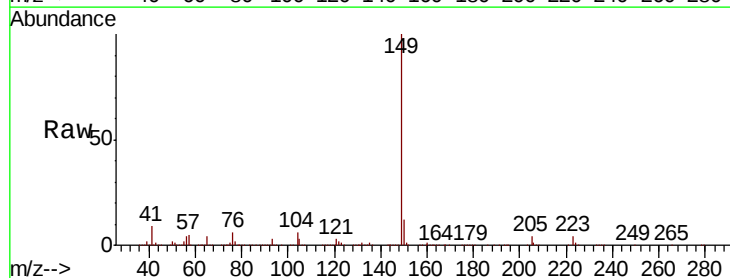
Instrument :
 BNA_G
 ClientSampled :

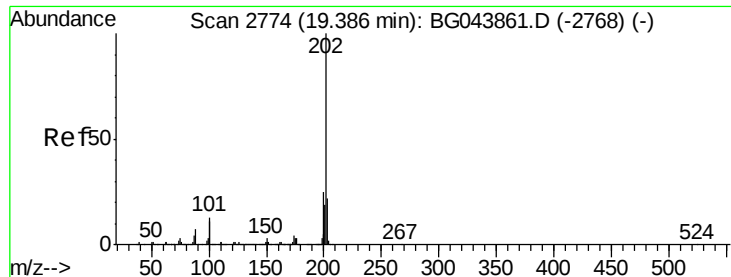
Tot Ion:167 Resp: 1464946
 Ion Ratio Lower Upper
 167 100
 166 26.6 21.6 32.4
 139 14.5 12.1 18.1



#74
 Di-n-butylphthalate
 Concen: 40.026 ng
 RT: 18.31 min Scan# 2590
 Delta R.T. -0.01 min
 Lab File: BG043948.D
 Acq: 7 Jan 2020 9:58

Tgt Ion:149 Resp: 1812239
 Ion Ratio Lower Upper
 149 100
 150 11.8 9.7 14.5
 104 6.0 5.0 7.4





#75

Fluoranthene

Concen: 39.978 ng

RT: 19.39 min Scan# 2774

Delta R.T. -0.00 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Instrument :

BNA_G

ClientSampleId :

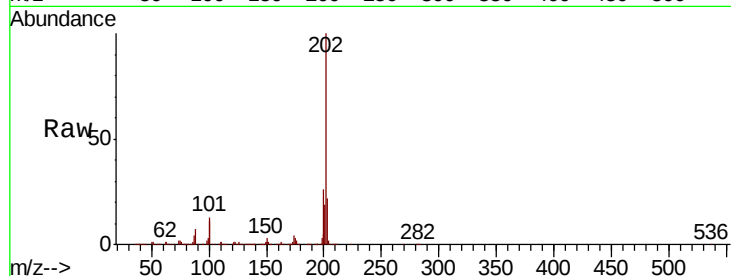
Tot Ion:202 Resp: 1776059

Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.3

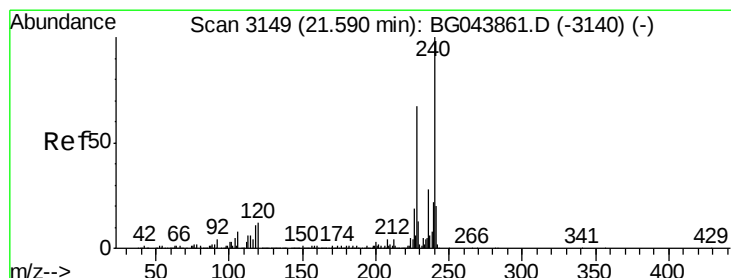
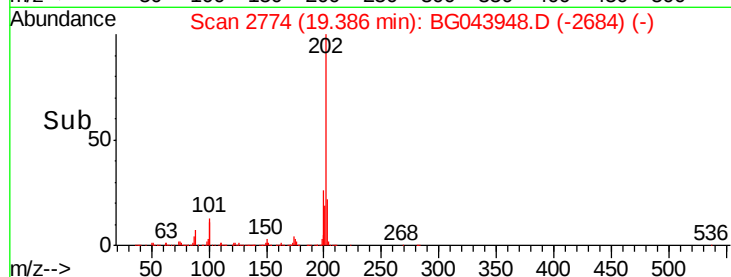
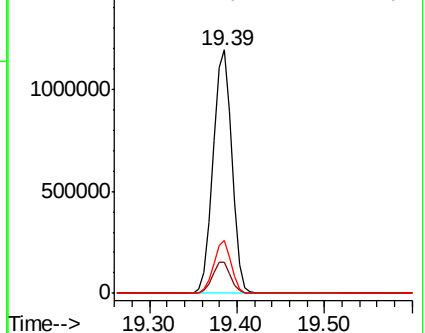
203 21.7 1.6 41.6



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: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

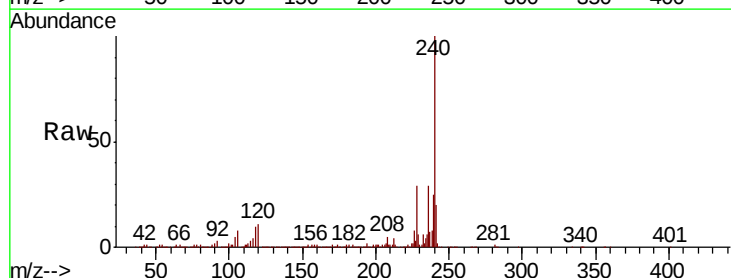
Tgt Ion:240 Resp: 672041

Ion Ratio Lower Upper

240 100

120 11.4 9.6 14.4

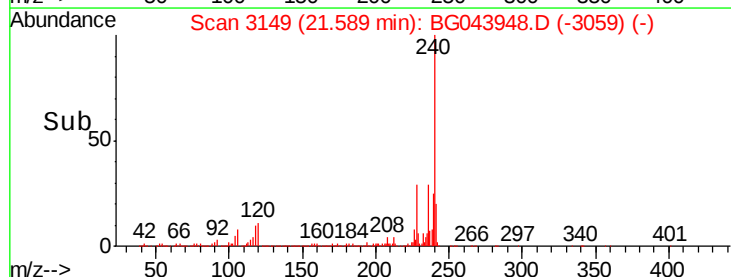
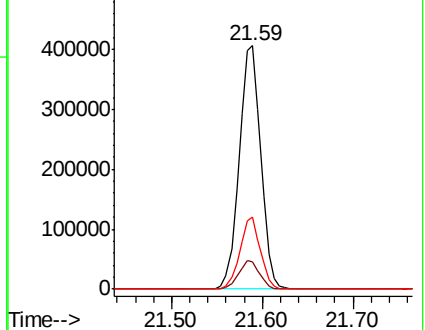
236 29.4 22.2 33.2

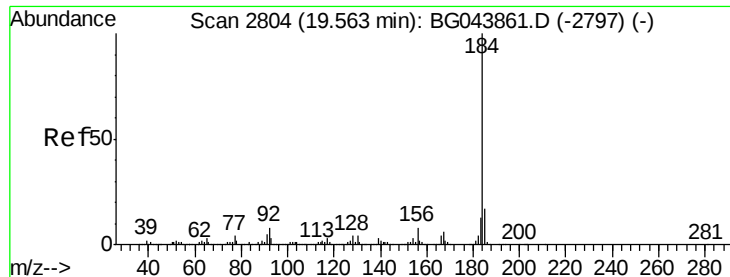


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.962 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

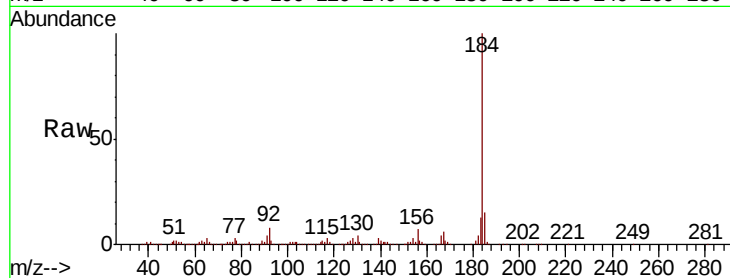
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 810186

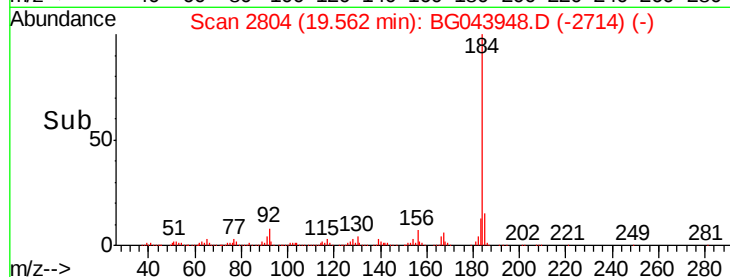
Ion	Ratio	Lower	Upper
184	100		
185	15.5	13.4	20.0
183	13.0	10.6	15.8



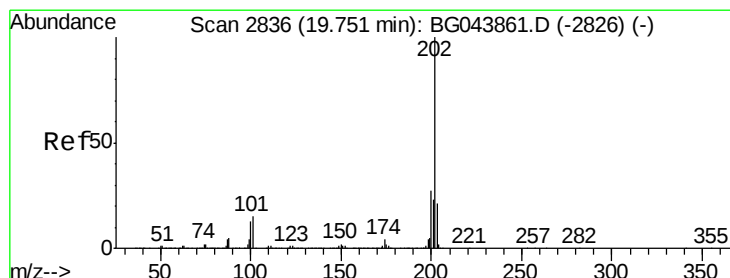
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 40.431 ng

RT: 19.74 min Scan# 2835

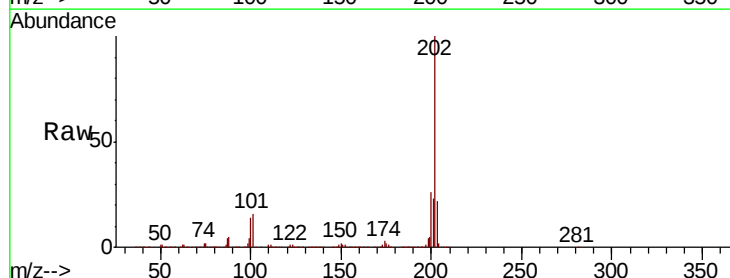
Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Tgt Ion:202 Resp: 1773585

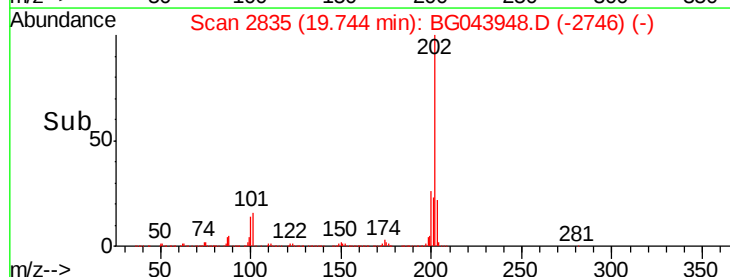
Ion	Ratio	Lower	Upper
202	100		
200	26.4	21.7	32.5
203	21.6	17.0	25.6



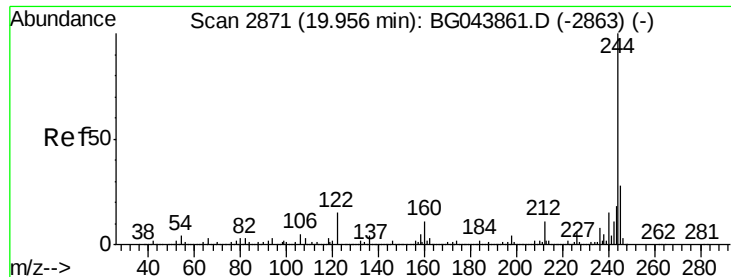
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 81.495 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

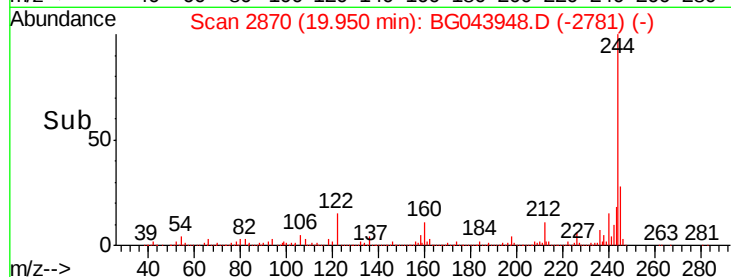
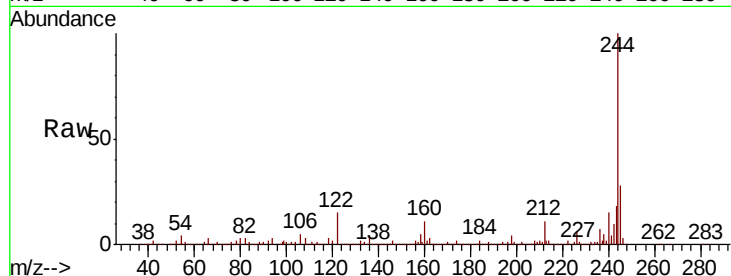
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2296713

Ion	Ratio	Lower	Upper
244	100		
212	10.8	8.6	13.0
122	14.6	11.9	17.9

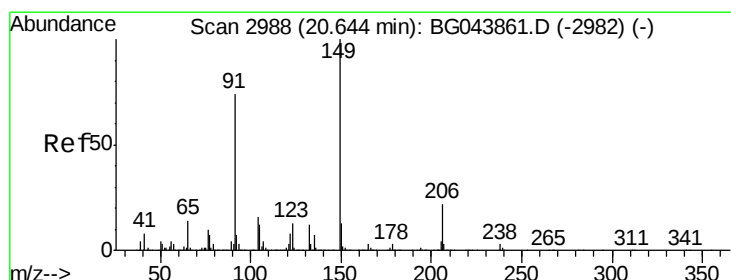
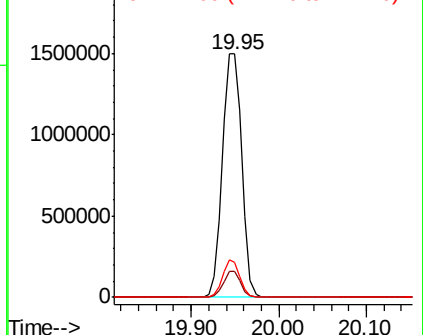


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.476 ng

RT: 20.64 min Scan# 2987

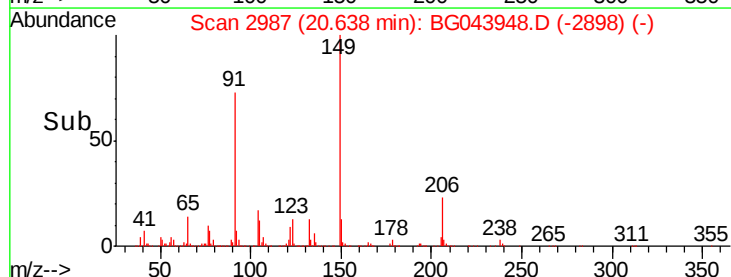
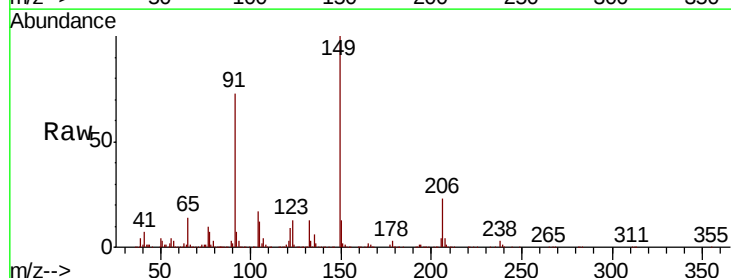
Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Tgt Ion:149 Resp: 866204

Ion	Ratio	Lower	Upper
149	100		
91	72.8	59.5	89.3
206	22.9	17.8	26.6

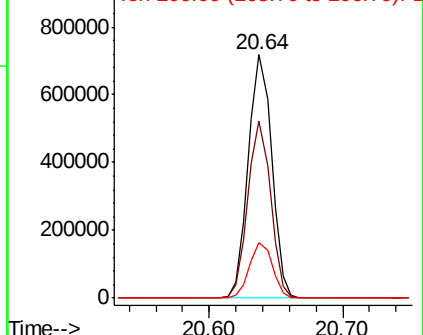


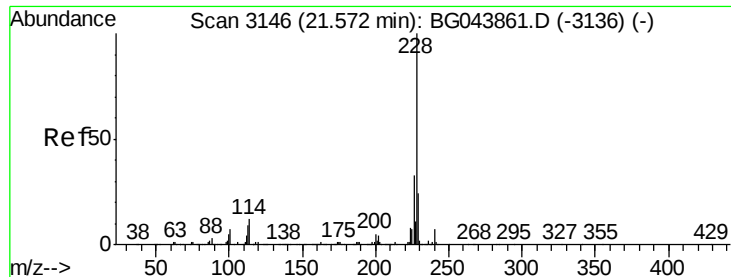
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.310 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Instrument :

BNA_G

ClientSampled :

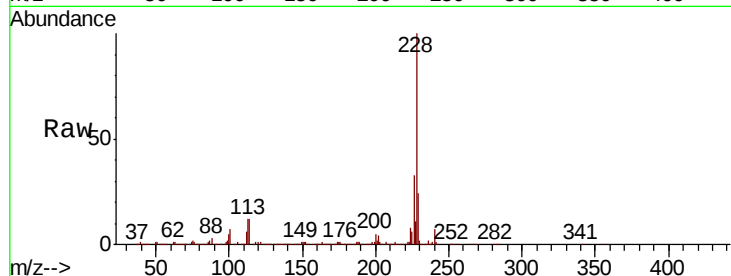
Tot Ion:228 Resp: 1721436

Ion Ratio Lower Upper

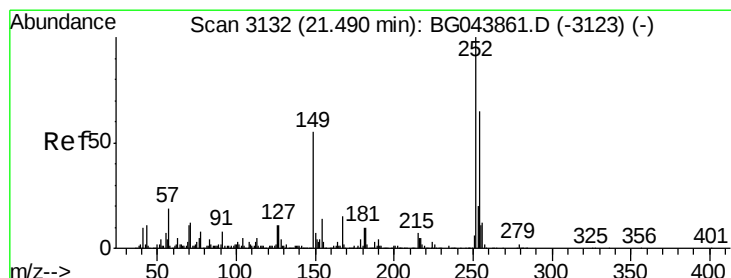
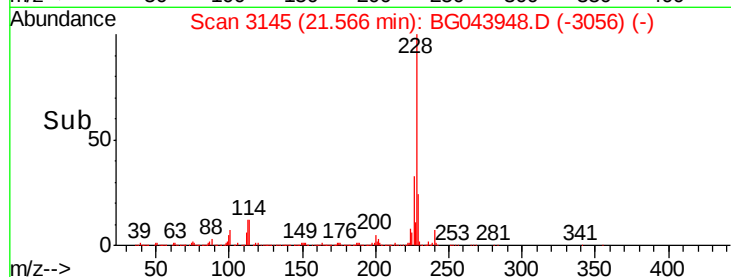
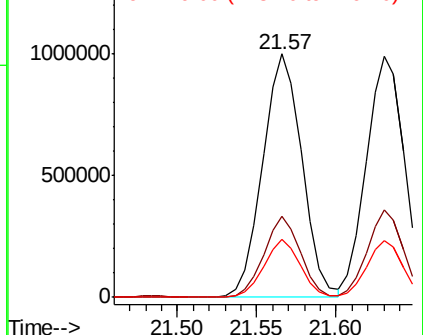
228 100

226 33.4 26.2 39.4

229 23.6 18.9 28.3



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: 40.572 ng

RT: 21.48 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

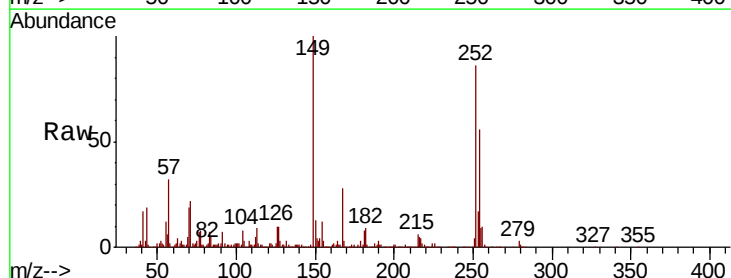
Tgt Ion:252 Resp: 667946

Ion Ratio Lower Upper

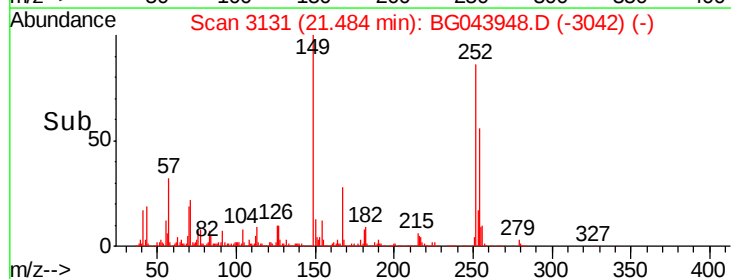
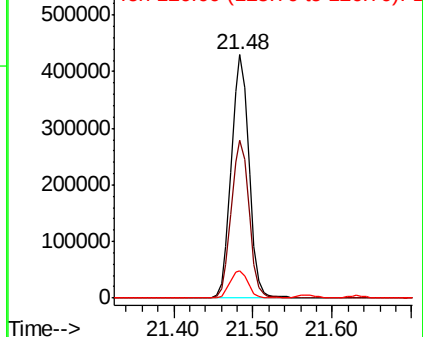
252 100

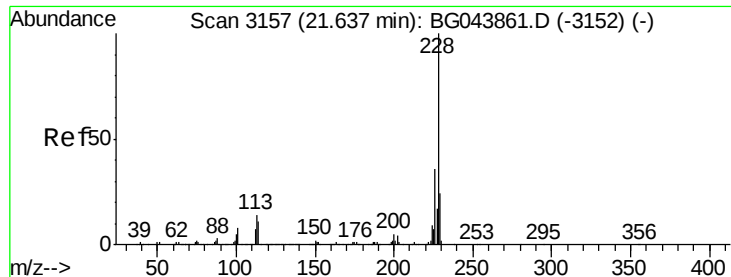
254 64.9 52.1 78.1

126 11.2 9.1 13.7



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: 41.688 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Instrument :

BNA_G

ClientSampleId :

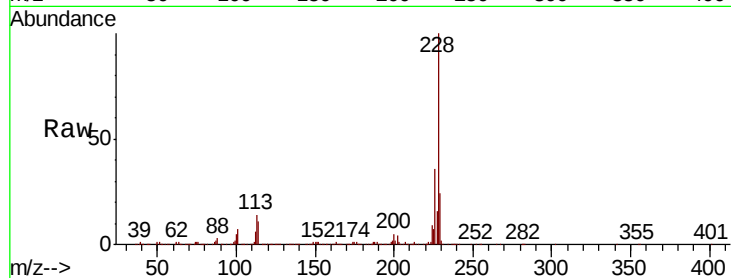
Tot Ion:228 Resp: 1650661

Ion Ratio Lower Upper

228 100

226 36.1 28.8 43.2

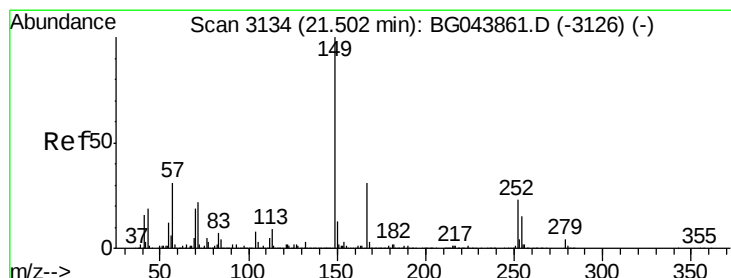
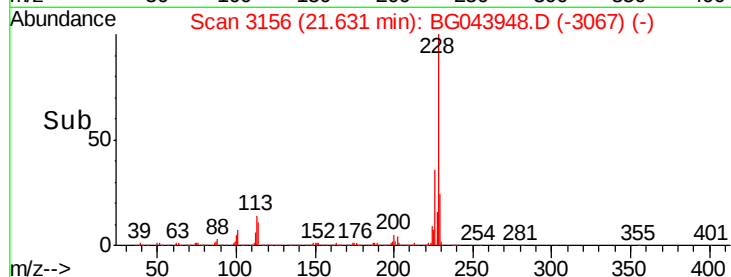
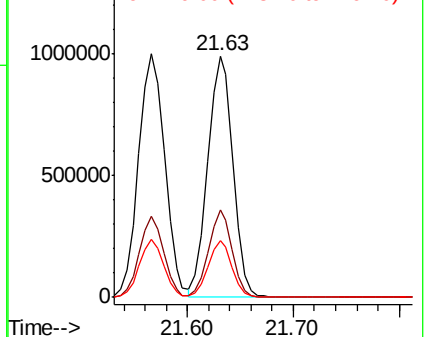
229 23.6 19.0 28.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.829 ng

RT: 21.50 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

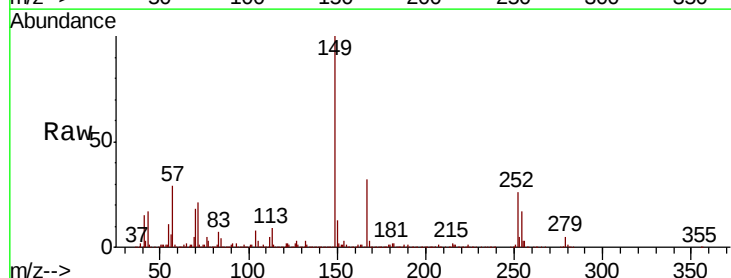
Tgt Ion:149 Resp: 1176558

Ion Ratio Lower Upper

149 100

167 31.7 24.7 37.1

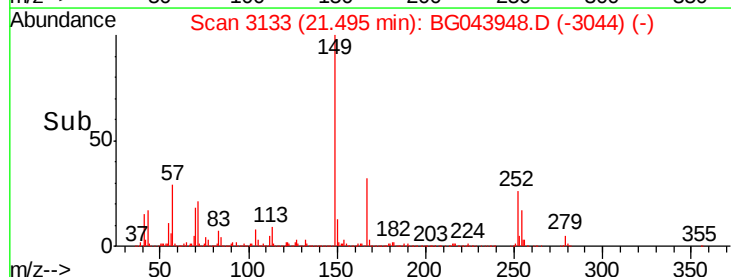
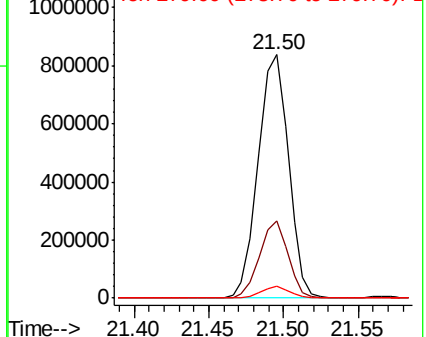
279 4.7 3.3 4.9

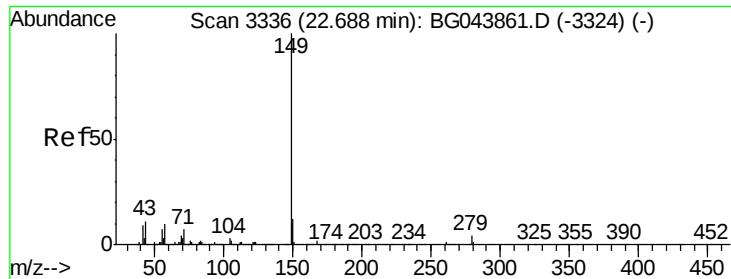


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.749 ng

RT: 22.68 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Instrument :

BNA_G

ClientSampled :

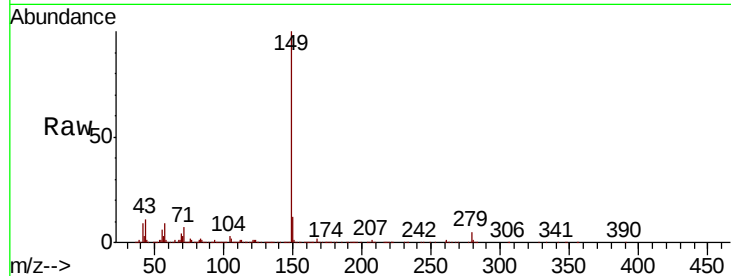
Tot Ion:149 Resp: 2022564

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

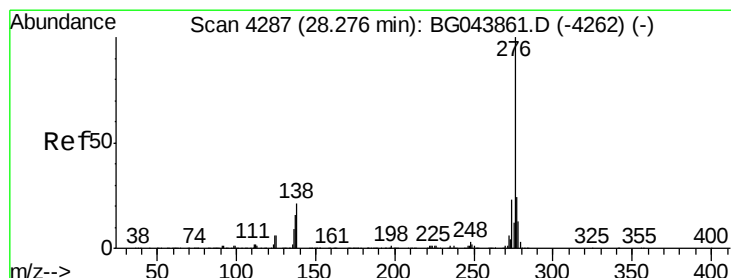
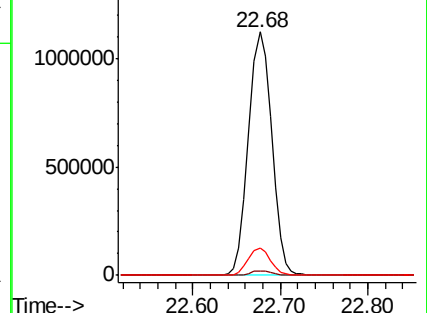
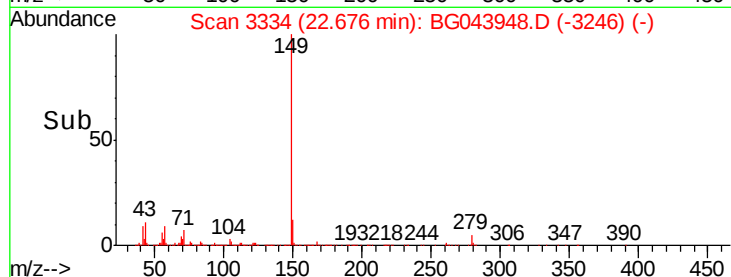
43 10.6 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.835 ng

RT: 28.25 min Scan# 4283

Delta R.T. -0.02 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

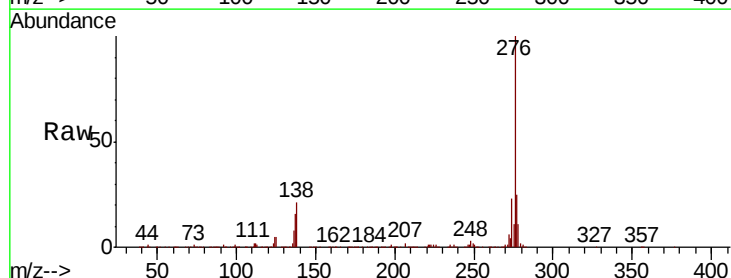
Tgt Ion:276 Resp: 2089727

Ion Ratio Lower Upper

276 100

138 17.4 21.0 31.4#

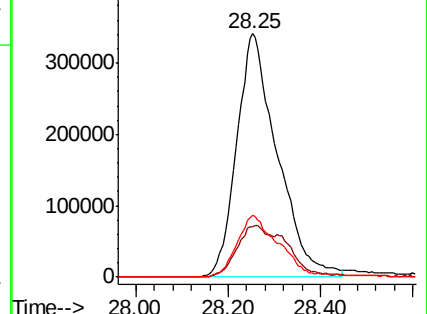
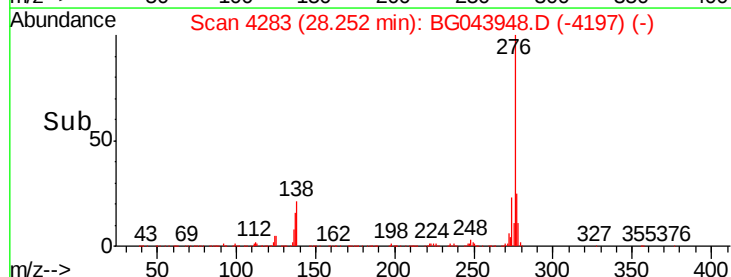
277 26.0 21.1 31.7

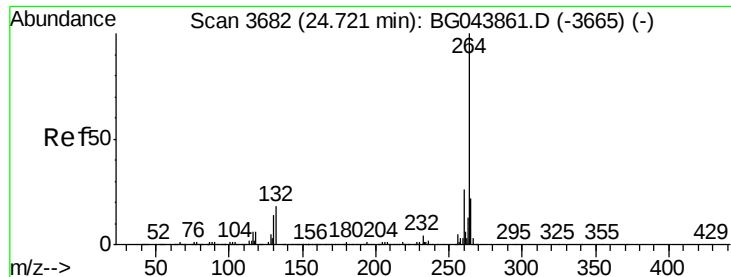


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.71 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Instrument :

BNA_G

ClientSampleId :

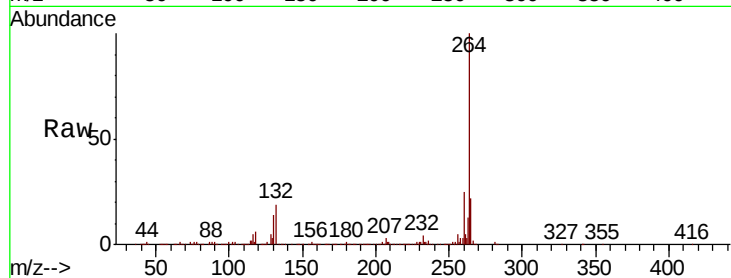
Tot Ion:264 Resp: 779993

Ion Ratio Lower Upper

264 100

260 25.2 20.4 30.6

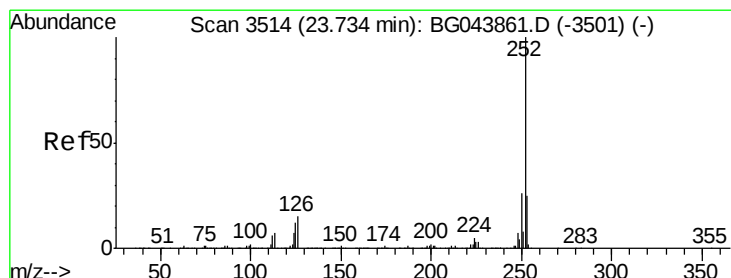
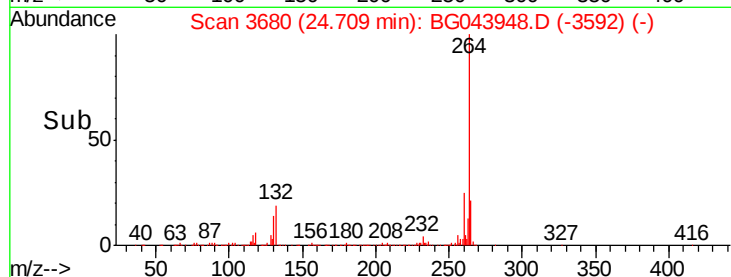
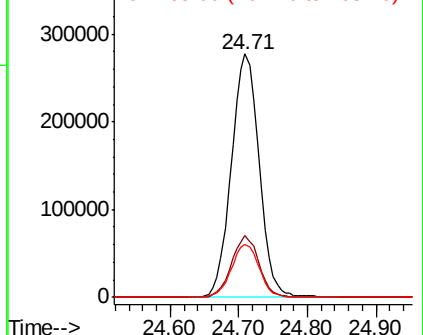
265 21.6 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.343 ng

RT: 23.72 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

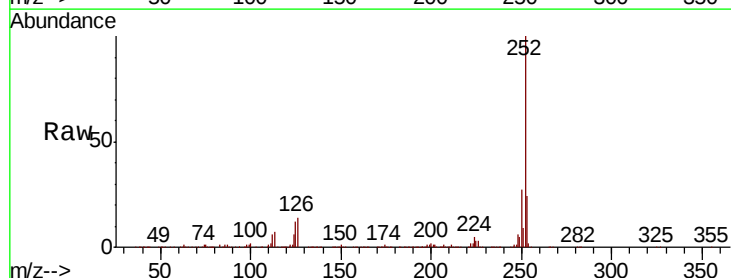
Tgt Ion:252 Resp: 1860266

Ion Ratio Lower Upper

252 100

253 24.2 19.7 29.5

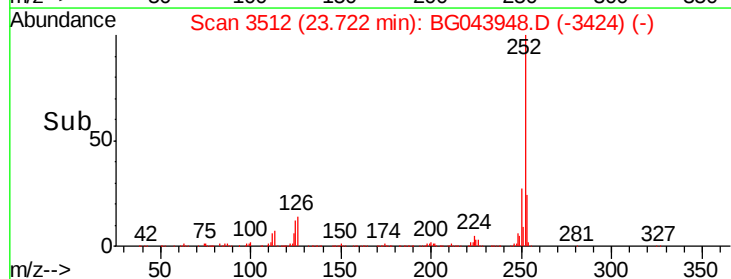
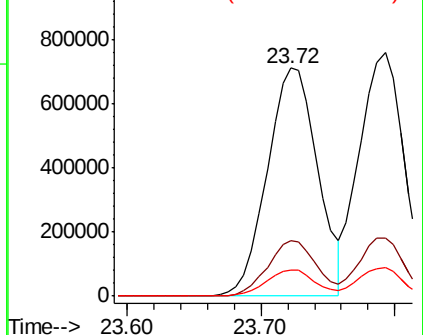
125 11.6 9.4 14.2

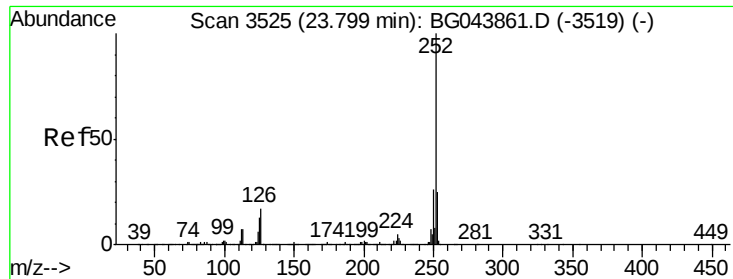


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.395 ng

RT: 23.79 min Scan# 3524

Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Instrument :

BNA_G

ClientSampleId :

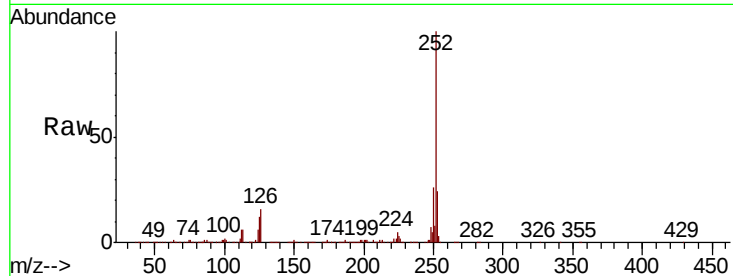
Tot Ion:252 Resp: 1771292

Ion Ratio Lower Upper

252 100

253 23.8 19.4 29.2

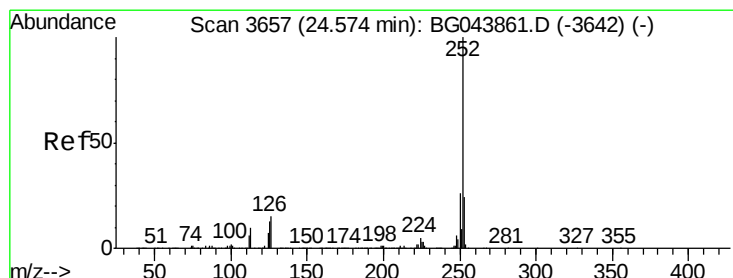
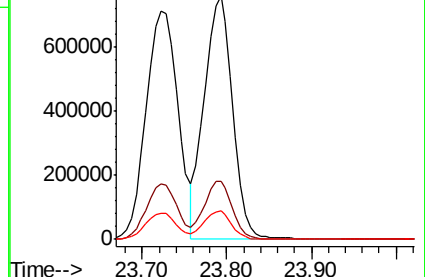
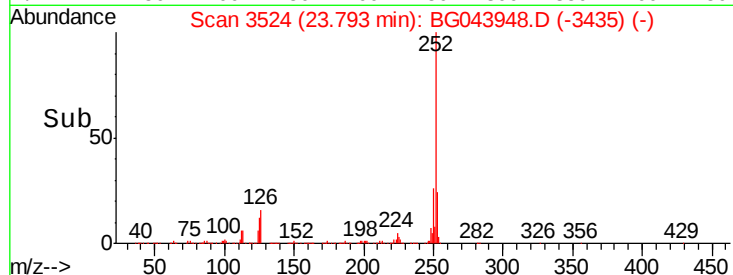
125 11.8 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.368 ng

RT: 24.56 min Scan# 3655

Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

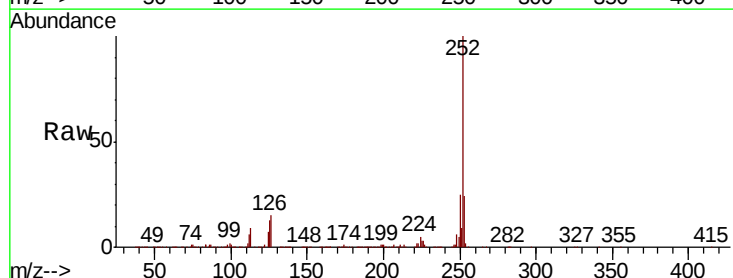
Tgt Ion:252 Resp: 1756867

Ion Ratio Lower Upper

252 100

253 24.4 19.3 28.9

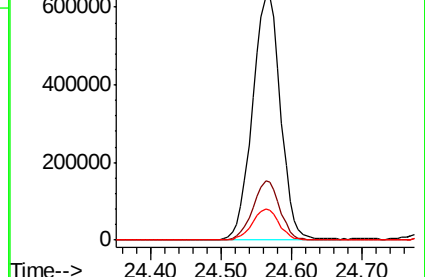
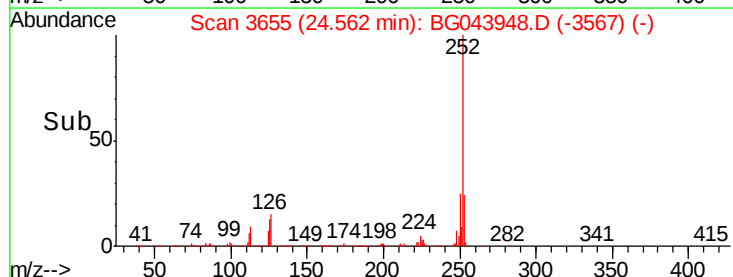
125 12.7 10.4 15.6

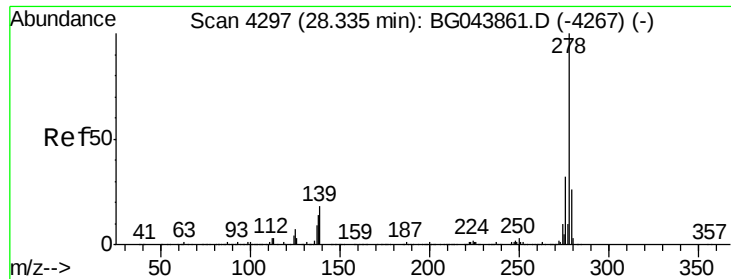


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

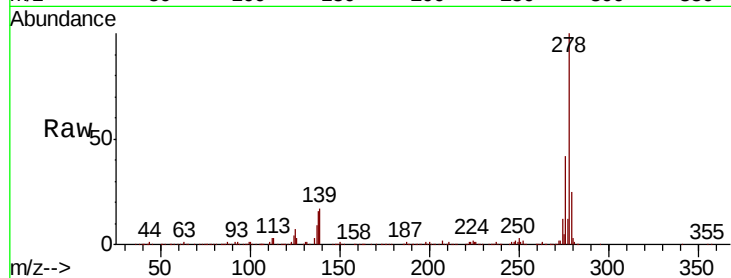




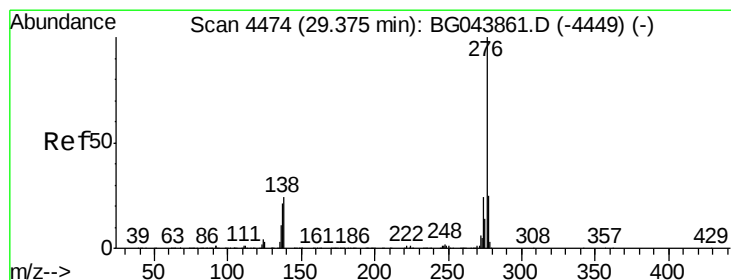
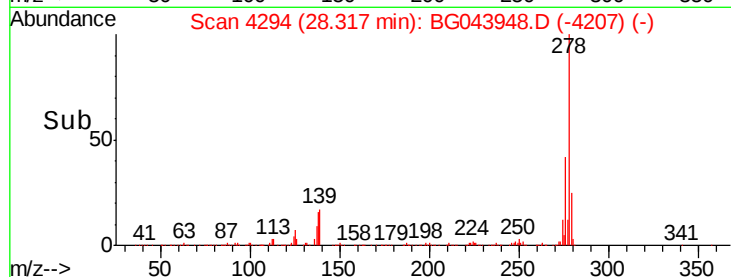
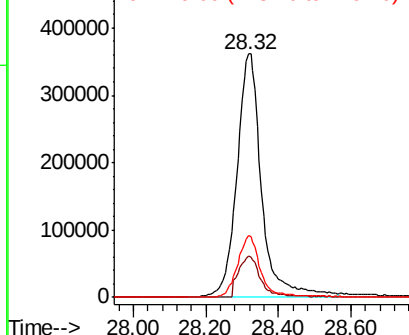
#91
Dibenzo(a,h)anthracene
Concen: 39.102 ng
RT: 28.32 min Scan# 4294
Delta R.T. -0.02 min
Lab File: BG043948.D
Acq: 7 Jan 2020 9:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1709071
Ion Ratio Lower Upper
278 100
139 16.8 14.2 21.4
279 25.3 20.6 30.8

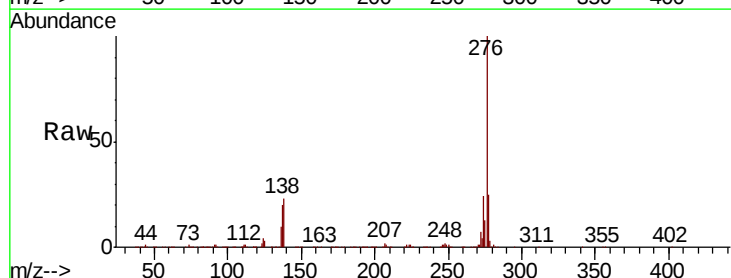


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 38.028 ng
RT: 29.36 min Scan# 4471
Delta R.T. -0.02 min
Lab File: BG043948.D
Acq: 7 Jan 2020 9:58

Tgt Ion:276 Resp: 1651003
Ion Ratio Lower Upper
276 100
277 24.7 20.2 30.4
138 22.7 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

