

Data File : BG043926.D
Acq On : 6 Jan 2020 10:33
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Jan 07 04:42:10 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	132019	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	567351	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	377244	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	788385	20.00	ng	0.00
76) Chrysene-d12	21.59	240	664340	20.00	ng	0.00
87) Perylene-d12	24.72	264	764891	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	604342	84.05	ng	0.00
7) Phenol-d6	7.13	99	855670	85.14	ng	0.00
23) Nitrobenzene-d5	9.12	82	813324	76.69	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	331780	84.04	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1723569	82.78	ng	0.00
79) Terphenyl-d14	19.95	244	2275978	81.77	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.43	88	129580	41.333	ng	98
3) Pyridine	3.83	79	385796	41.656	ng	96
4) n-Nitrosodimethylamine	3.75	42	158163	38.358	ng	99
6) Aniline	7.28	93	525425	39.802	ng	100
8) 2-Chlorophenol	7.53	128	343506	40.695	ng	97
9) Benzaldehyde	7.09	77	234795	36.501	ng	99
10) Phenol	7.15	94	435725	42.078	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	354055	39.610	ng	100
12) 1,3-Dichlorobenzene	7.85	146	400392	40.535	ng	99
13) 1,4-Dichlorobenzene	8.00	146	398769	40.915	ng	98
14) 1,2-Dichlorobenzene	8.32	146	379880	40.608	ng	98
15) Benzyl Alcohol	8.19	79	314977	39.709	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	541656	39.168	ng	99
17) 2-Methylphenol	8.40	107	306778	40.939	ng	97
18) Hexachloroethane	9.05	117	154272	40.680	ng	98
19) n-Nitroso-di-n-propylamine	8.77	70	293992	39.279	ng	98
20) 3+4-Methylphenols	8.73	107	426095	40.760	ng	100
22) Acetophenone	8.78	105	556356	39.444	ng	# 99
24) Nitrobenzene	9.16	77	406402	38.690	ng	98
25) Isophorone	9.69	82	772505	38.825	ng	99
26) 2-Nitrophenol	9.87	139	204627	41.176	ng	98
27) 2,4-Dimethylphenol	9.94	122	298138	39.854	ng	99
28) bis(2-Chloroethoxy)methane	10.17	93	517041	38.978	ng	99
29) 2,4-Dichlorophenol	10.41	162	363260	40.710	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	395788	39.559	ng	97
31) Naphthalene	10.81	128	1120334	40.806	ng	99
32) Benzoic acid	10.07	122	164875	29.795	ng	96
33) 4-Chloroaniline	10.91	127	523018	39.940	ng	99
34) Hexachlorobutadiene	11.11	225	241845	39.590	ng	96
35) Caprolactam	11.68	113	135951	40.927	ng	99
36) 4-Chloro-3-methylphenol	12.04	107	392695	41.340	ng	99
37) 2-Methylnaphthalene	12.42	142	845466	40.903	ng	98
38) 1-Methylnaphthalene	12.64	142	802842	40.982	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	431126	38.991	ng	100

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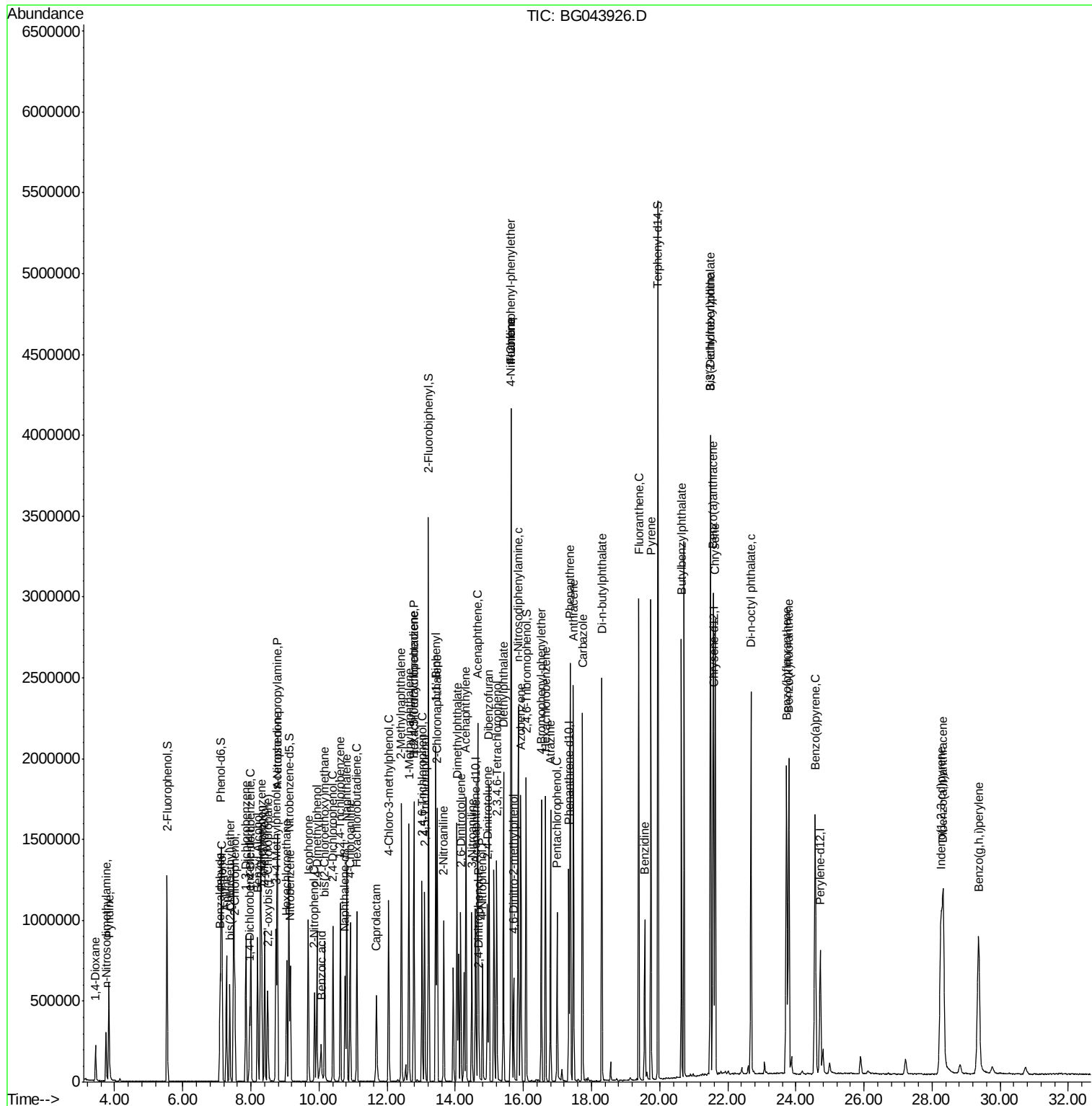
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	206279	35.985	ng	99
43) 2,4,6-Trichlorophenol	13.02	196	303251	39.859	ng	96
44) 2,4,5-Trichlorophenol	13.10	196	315624	40.223	ng	99
46) 1,1'-Biphenyl	13.43	154	1088439	40.241	ng	100
47) 2-Chloronaphthalene	13.47	162	874110	39.994	ng	99
48) 2-Nitroaniline	13.66	65	279375	39.737	ng	97
49) Acenaphthylene	14.32	152	1287169	40.974	ng	99
50) Dimethylphthalate	14.05	163	1090667	40.718	ng	99
51) 2,6-Dinitrotoluene	14.16	165	243772	40.265	ng	97
52) Acenaphthene	14.66	154	881347	40.006	ng	98
53) 3-Nitroaniline	14.49	138	282594	41.104	ng	99
54) 2,4-Dinitrophenol	14.69	184	97229	34.846	ng	97
55) Dibenzofuran	14.99	168	1254339	41.360	ng	99
56) 4-Nitrophenol	14.80	139	207860	39.454	ng	97
57) 2,4-Dinitrotoluene	14.94	165	343926	41.749	ng	98
58) Fluorene	15.64	166	998660	41.546	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	271846	40.289	ng	99
60) Diethylphthalate	15.41	149	1111129	41.474	ng	100
61) 4-Chlorophenyl-phenylether	15.64	204	534557	40.955	ng	98
62) 4-Nitroaniline	15.65	138	287520	42.349	ng	95
63) Azobenzene	15.93	77	1022760	41.164	ng	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	149172	37.755	ng	96
66) n-Nitrosodiphenylamine	15.85	169	923573	39.780	ng	100
67) 4-Bromophenyl-phenylether	16.53	248	344792	38.885	ng	98
68) Hexachlorobenzene	16.65	284	376013	39.355	ng	98
69) Atrazine	16.80	200	304522	40.352	ng	98
70) Pentachlorophenol	16.99	266	190442	36.159	ng	98
71) Phenanthrene	17.38	178	1553206	41.074	ng	99
72) Anthracene	17.47	178	1542531	41.275	ng	99
73) Carbazole	17.74	167	1419972	41.133	ng	99
74) Di-n-butylphthalate	18.31	149	1775793	40.290	ng	99
75) Fluoranthene	19.39	202	1708434	39.504	ng	100
77) Benzidine	19.56	184	585451	35.060	ng	99
78) Pyrene	19.74	202	1726167	39.806	ng	99
80) Butylbenzylphthalate	20.64	149	843843	40.873	ng	97
81) Benzo(a)anthracene	21.57	228	1674014	40.638	ng	100
82) 3,3'-Dichlorobenzidine	21.48	252	646119	39.701	ng	100
83) Chrysene	21.63	228	1618633	41.353	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	1162106	40.795	ng	99
85) Di-n-octyl phthalate	22.68	149	1982511	41.397	ng	99
86) Indeno(1,2,3-cd)pyrene	28.26	276	2085816	39.211	ng	# 91
88) Benzo(b)fluoranthene	23.73	252	1787327	39.527	ng	99
89) Benzo(k)fluoranthene	23.79	252	1762290	40.984	ng	99
90) Benzo(a)pyrene	24.57	252	1712905	40.135	ng	100
91) Dibenzo(a,h)anthracene	28.33	278	1692308	39.483	ng	97
92) Benzo(g,h,i)perylene	29.36	276	1657995	38.943	ng	99

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

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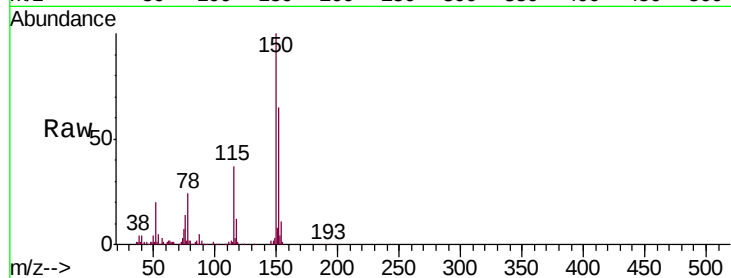


#1

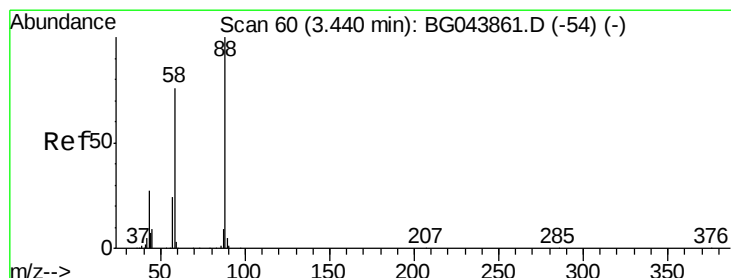
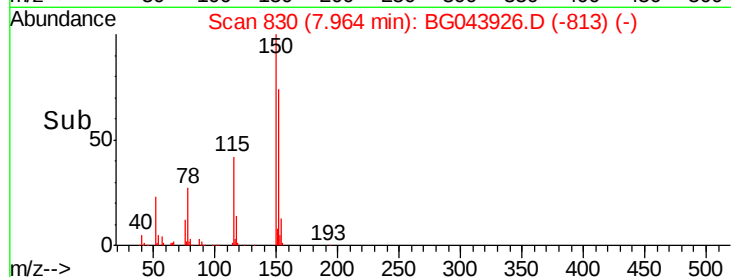
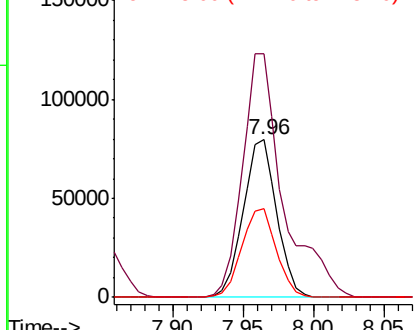
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 132019
Ion Ratio Lower Upper
152 100
150 154.5 127.0 190.4
115 56.4 47.8 71.8



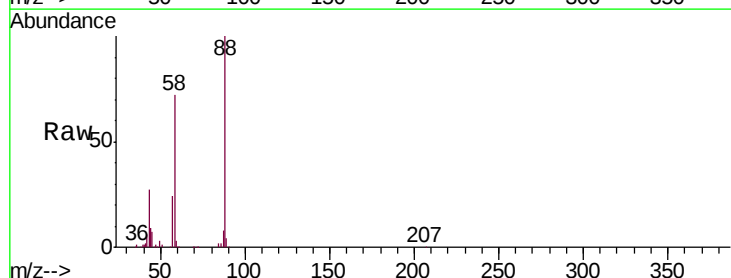
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



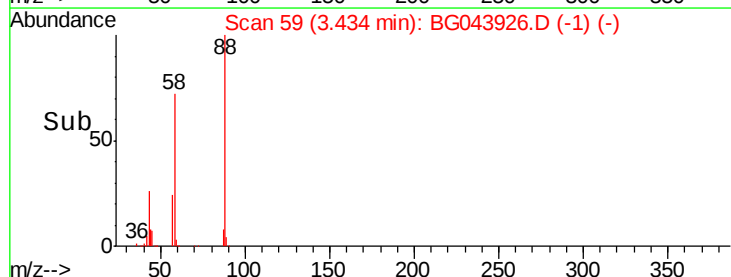
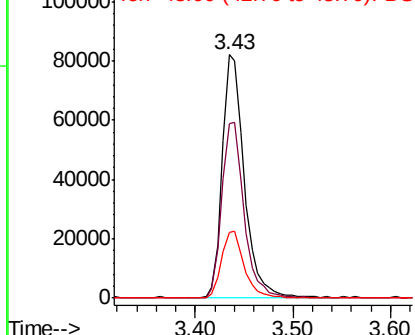
#2

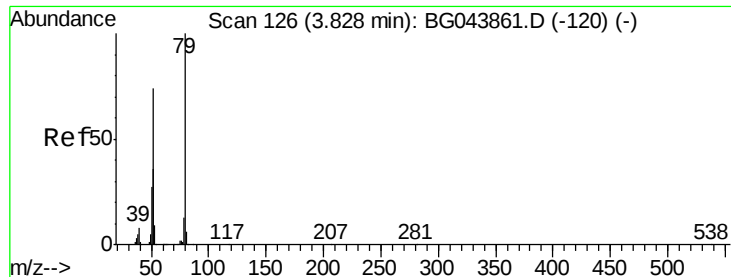
1,4-Dioxane
Concen: 41.333 ng
RT: 3.43 min Scan# 59
Delta R.T. -0.01 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

Tgt Ion: 88 Resp: 129580
Ion Ratio Lower Upper
88 100
58 72.6 59.8 89.8
43 28.0 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

Pyridine

Concen: 41.656 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG043926.D

Acq: 6 Jan 2020 10:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

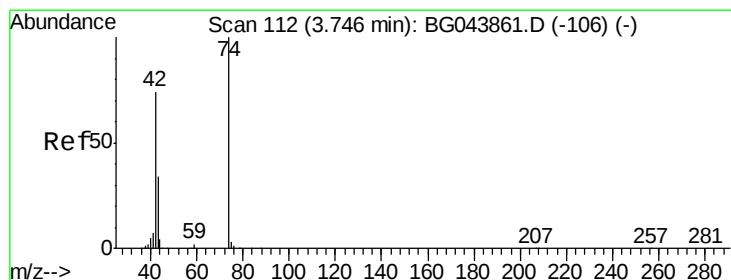
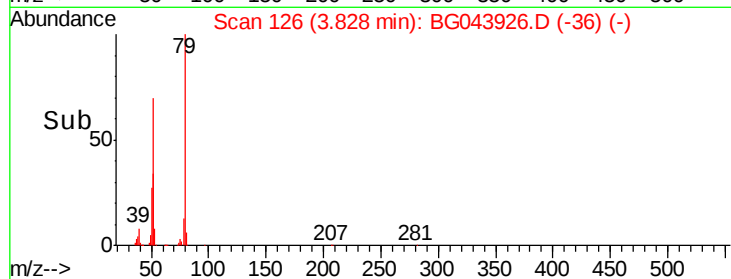
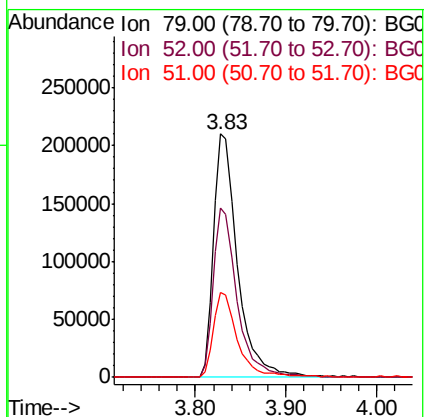
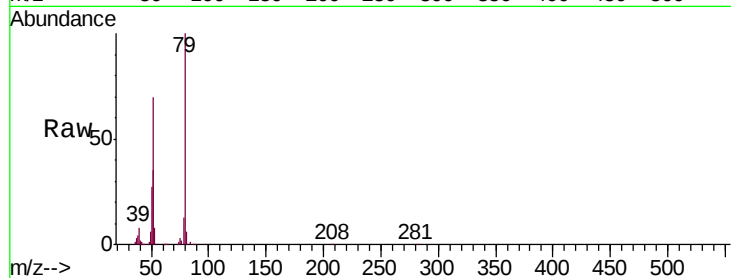
Tgt Ion: 79 Resp: 385796

Ion Ratio Lower Upper

79 100

52 69.6 58.9 88.3

51 34.6 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 38.358 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.00 min

Lab File: BG043926.D

Acq: 6 Jan 2020 10:33

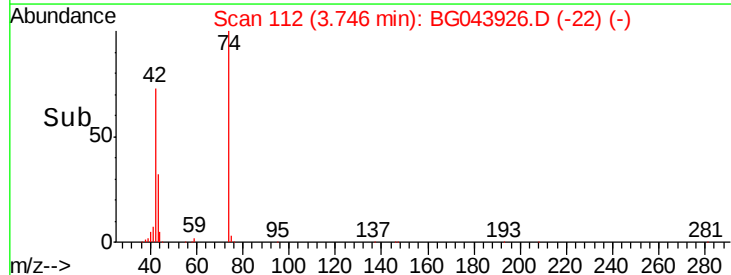
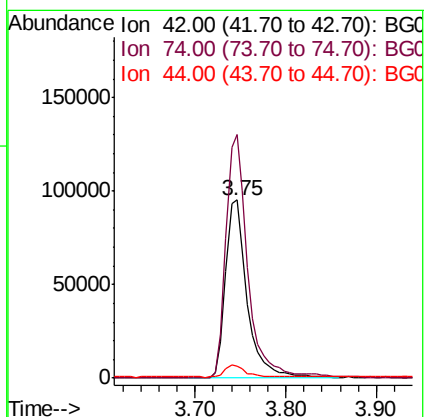
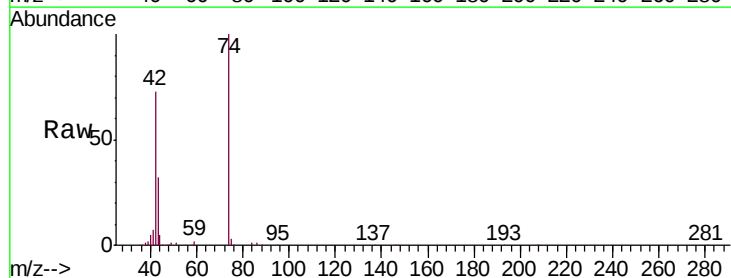
Tgt Ion: 42 Resp: 158163

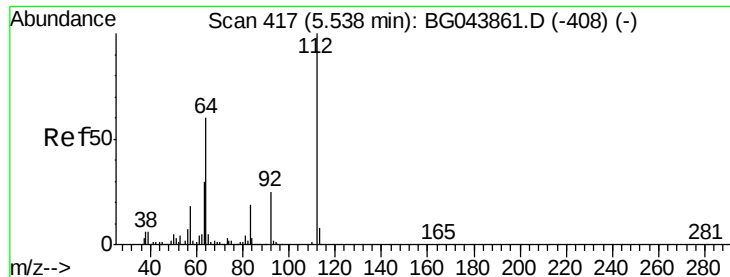
Ion Ratio Lower Upper

42 100

74 136.9 108.6 162.8

44 7.1 5.0 7.6





#5

2-Fluorophenol

Concen: 84.052 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG043926.D

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Instrument :

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ClientSampleId :

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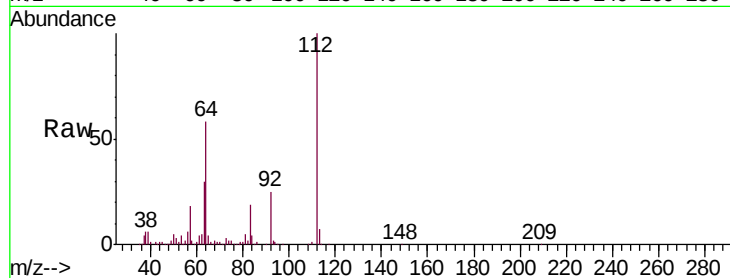
Tgt Ion: 112 Resp: 604342

Ion Ratio Lower Upper

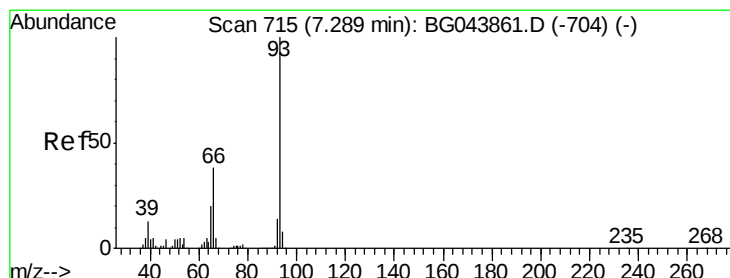
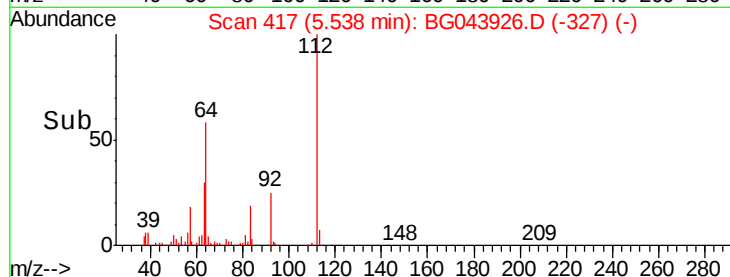
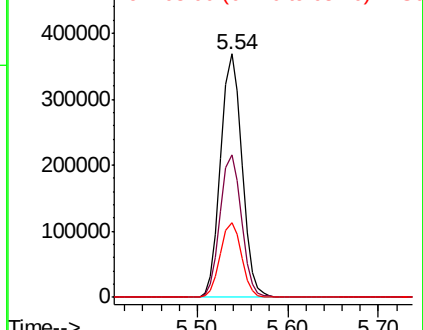
112 100

64 58.3 47.8 71.6

63 30.4 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: 39.802 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG043926.D

Acq: 6 Jan 2020 10:33

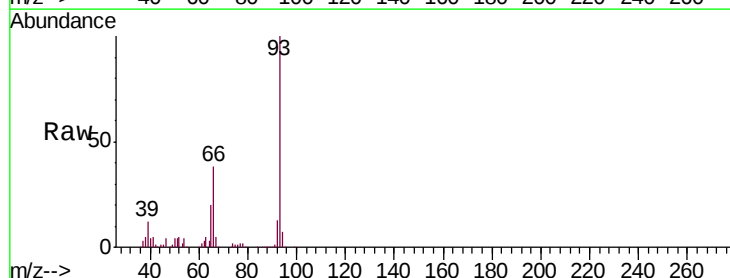
Tgt Ion: 93 Resp: 525425

Ion Ratio Lower Upper

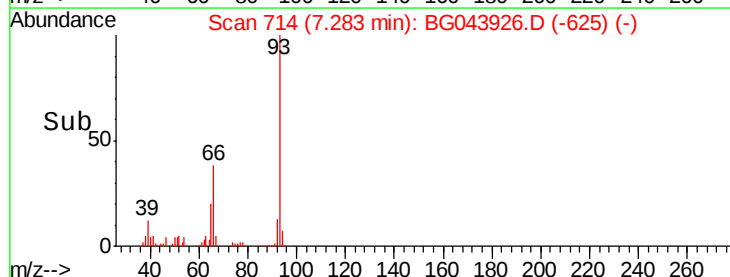
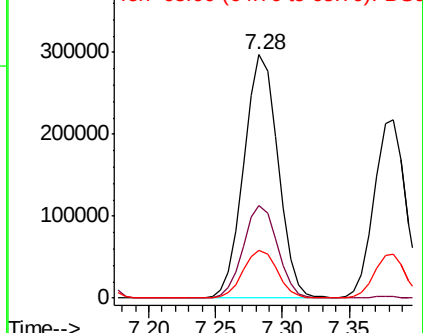
93 100

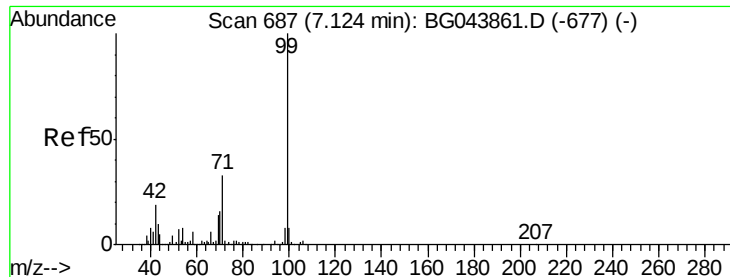
66 38.2 30.8 46.2

65 19.8 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: 85.137 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

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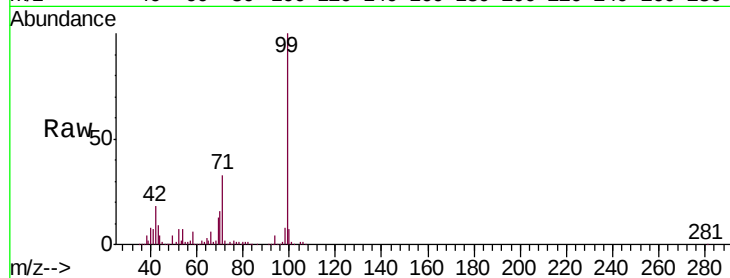
Tgt Ion: 99 Resp: 855670

Ion Ratio Lower Upper

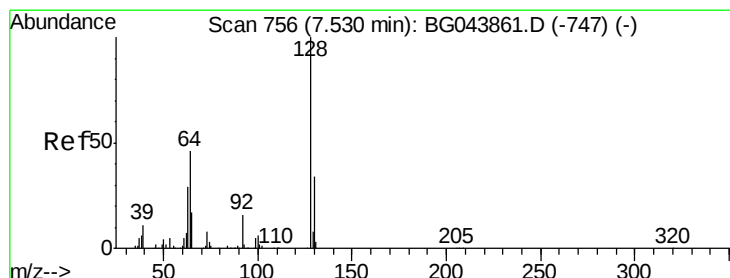
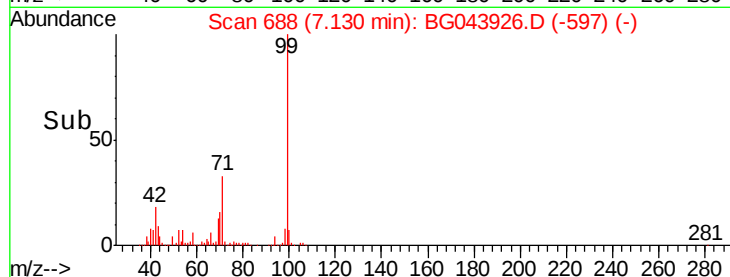
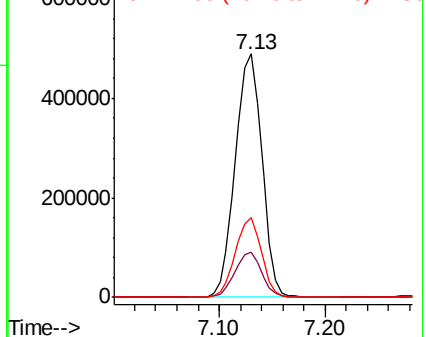
99 100

42 18.5 14.9 22.3

71 32.7 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: 40.695 ng

RT: 7.53 min Scan# 756

Delta R.T. -0.00 min

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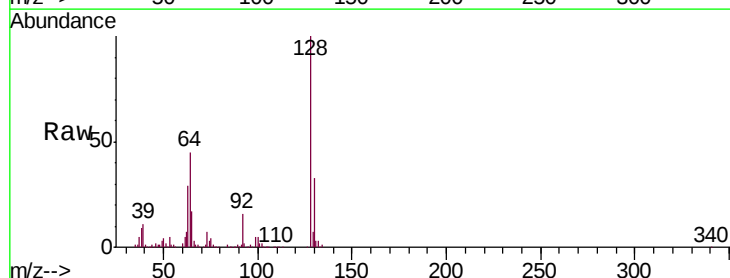
Tgt Ion: 128 Resp: 343506

Ion Ratio Lower Upper

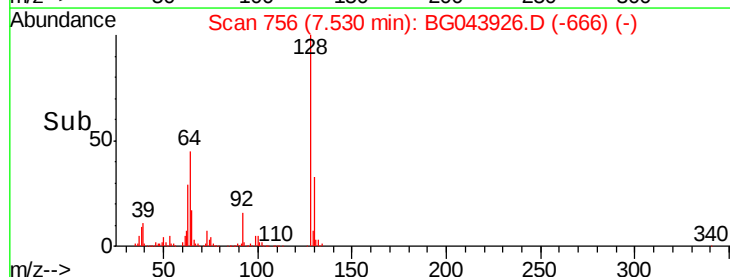
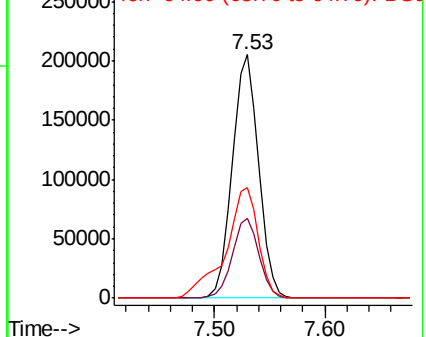
128 100

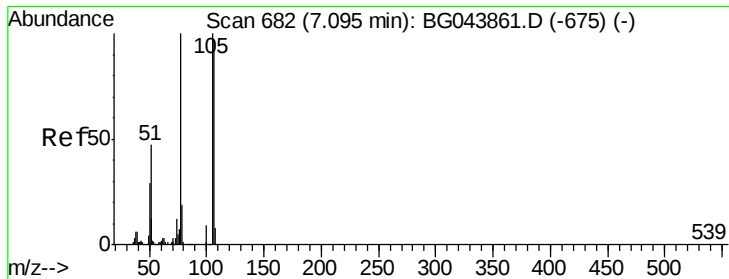
130 33.0 13.8 53.8

64 45.2 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: 36.501 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

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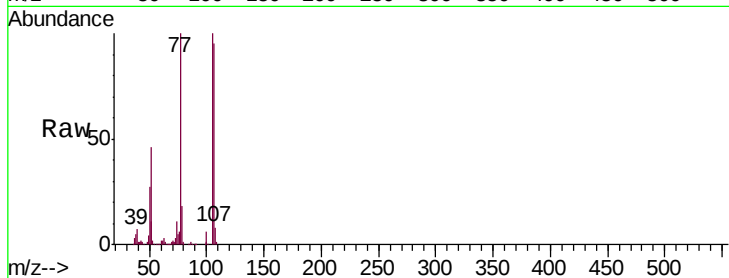
Tgt Ion: 77 Resp: 234795

Ion Ratio Lower Upper

77 100

105 100.4 80.2 120.2

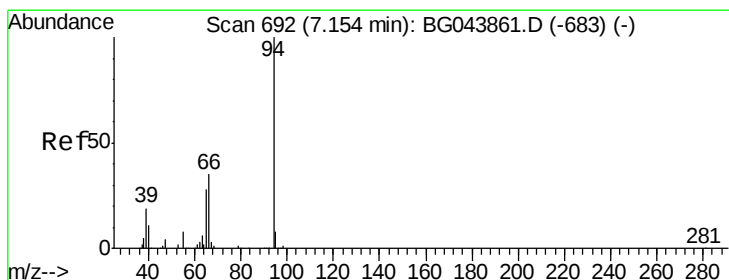
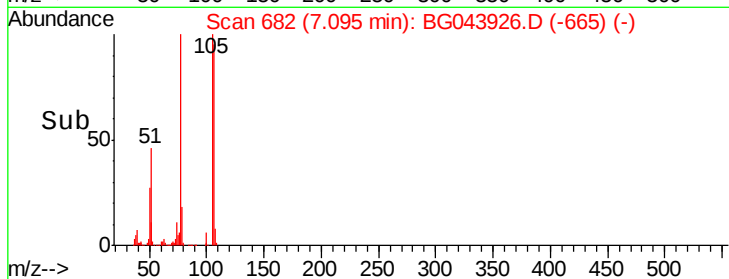
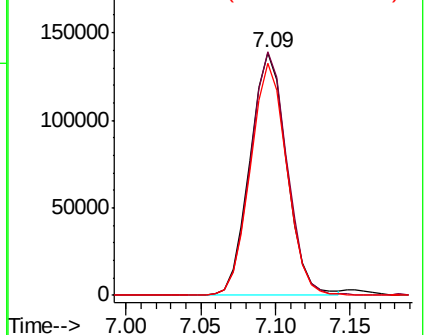
106 95.5 77.2 117.2



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: 42.078 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

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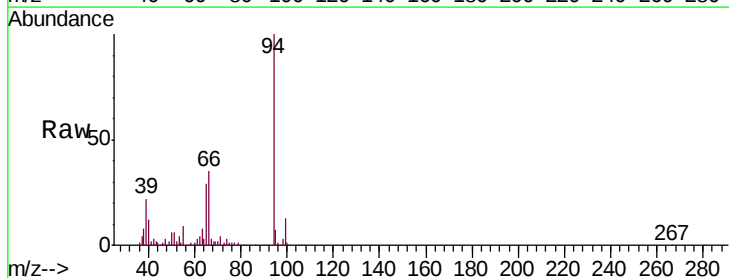
Tgt Ion: 94 Resp: 435725

Ion Ratio Lower Upper

94 100

65 28.7 8.1 48.1

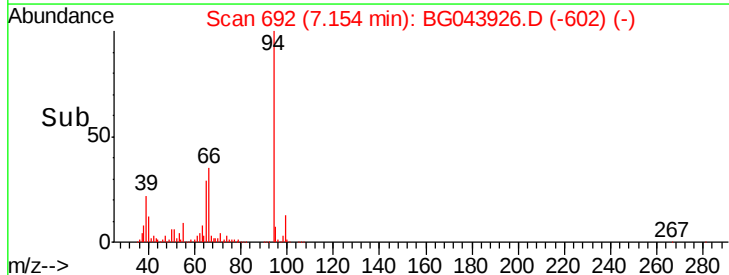
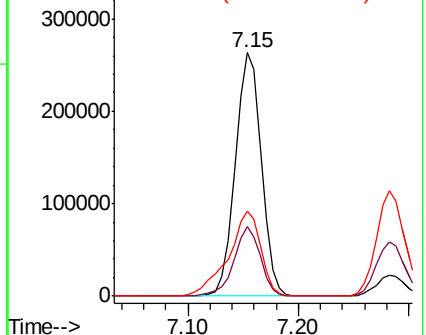
66 35.1 15.6 55.6



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

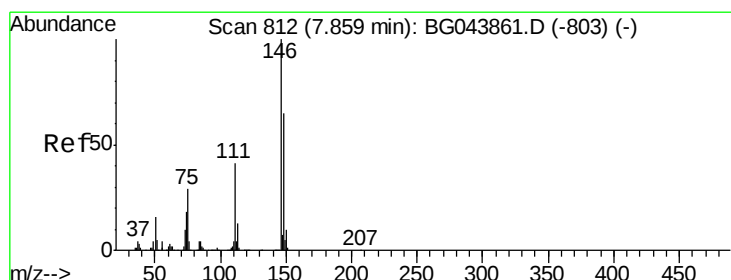
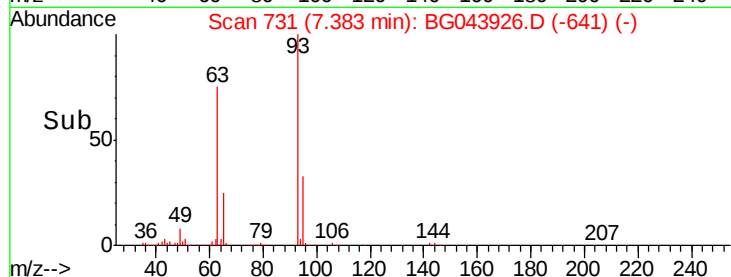
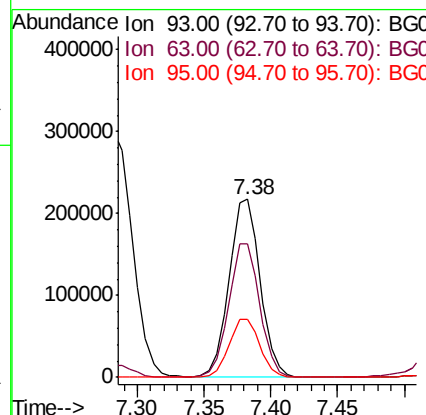
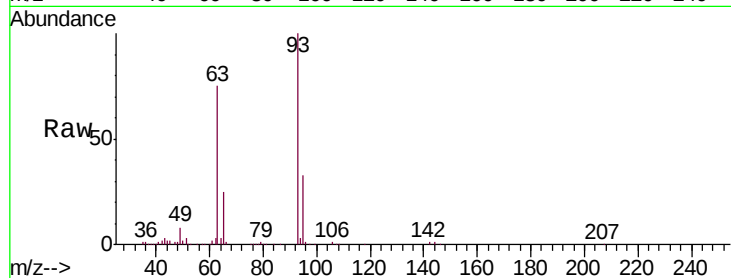




#11
bis(2-Chloroethyl)ether
Concen: 39.610 ng
RT: 7.38 min Scan# 731
Delta R.T. -0.00 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

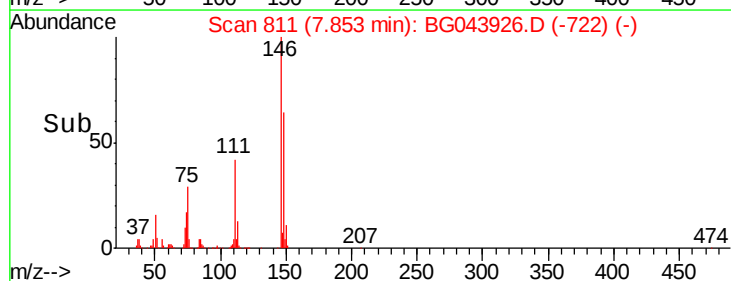
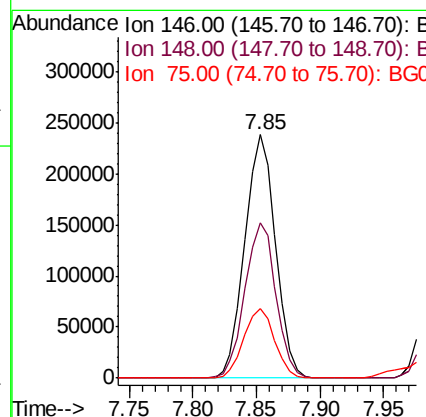
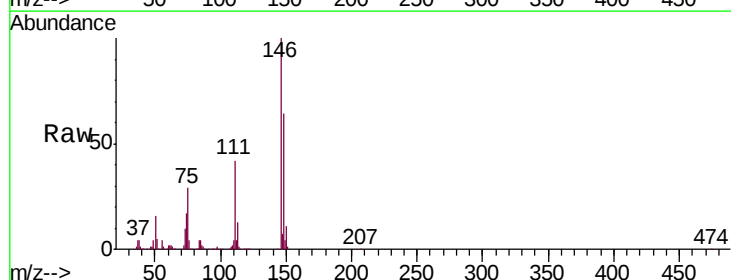
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

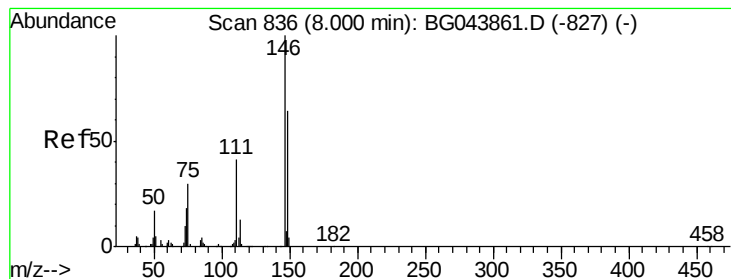
Tgt Ion: 93 Resp: 354055
Ion Ratio Lower Upper
93 100
63 74.9 55.0 95.0
95 32.5 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 40.535 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

Tgt Ion: 146 Resp: 400392
Ion Ratio Lower Upper
146 100
148 63.8 52.1 78.1
75 28.8 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 40.915 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BG043926.D

Acq: 6 Jan 2020 10:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

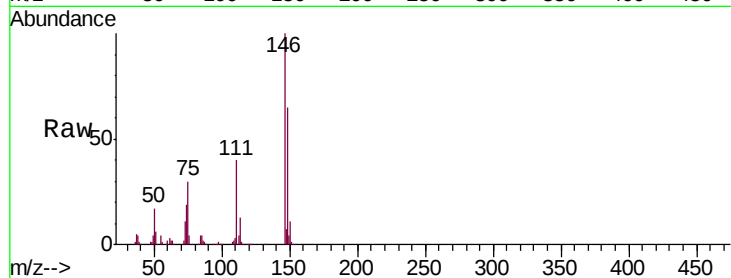
Tgt Ion:146 Resp: 398769

Ion Ratio Lower Upper

146 100

148 64.7 51.2 76.8

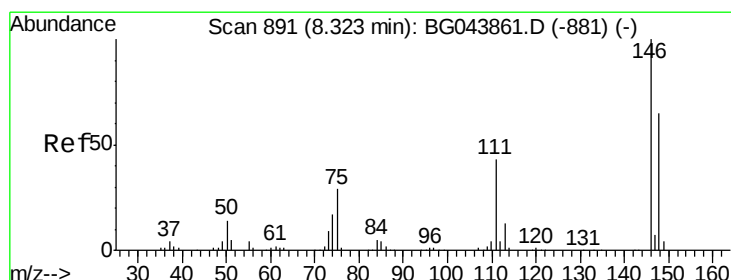
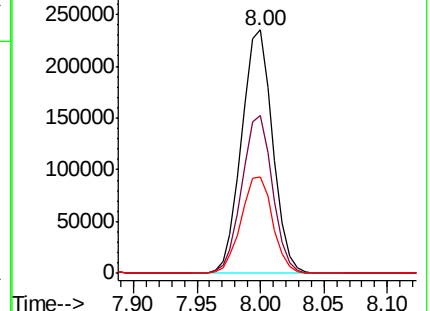
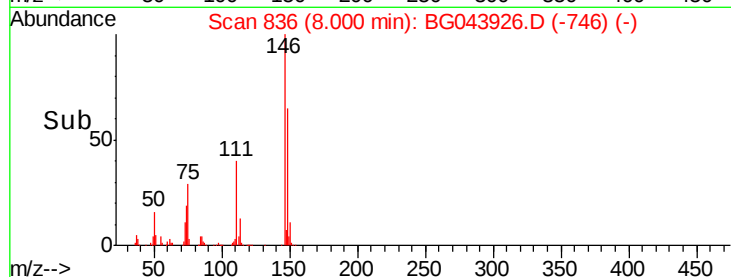
111 39.9 33.1 49.7



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: 40.608 ng

RT: 8.32 min Scan# 890

Delta R.T. -0.01 min

Lab File: BG043926.D

Acq: 6 Jan 2020 10:33

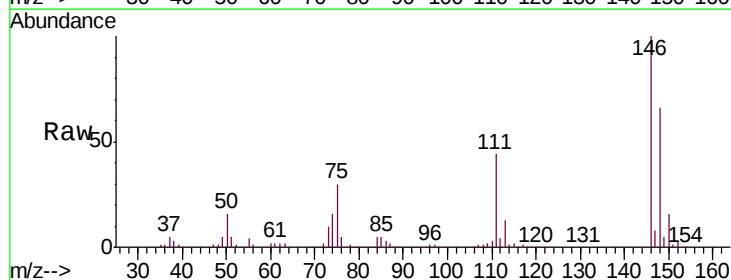
Tgt Ion:146 Resp: 379880

Ion Ratio Lower Upper

146 100

148 65.9 51.7 77.5

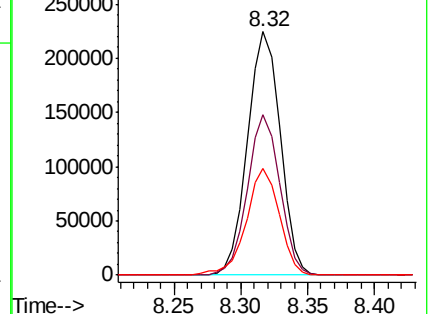
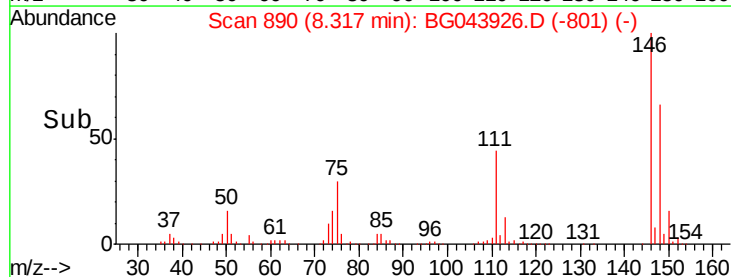
111 43.8 34.4 51.6

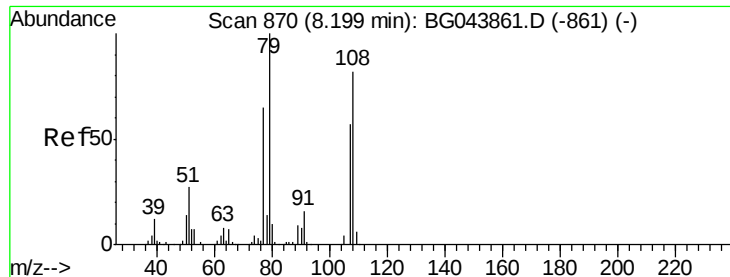


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.709 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG043926.D

Acq: 6 Jan 2020 10:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

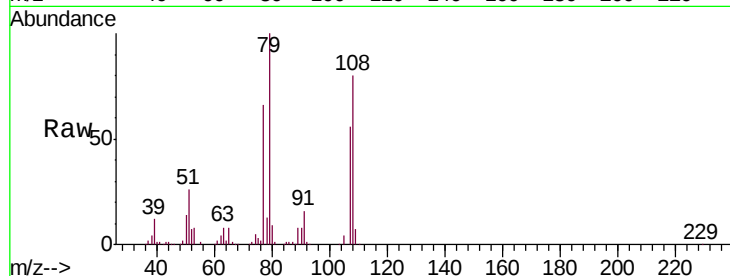
Tgt Ion: 79 Resp: 314977

Ion Ratio Lower Upper

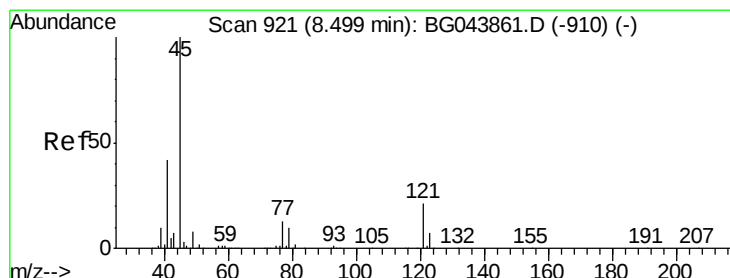
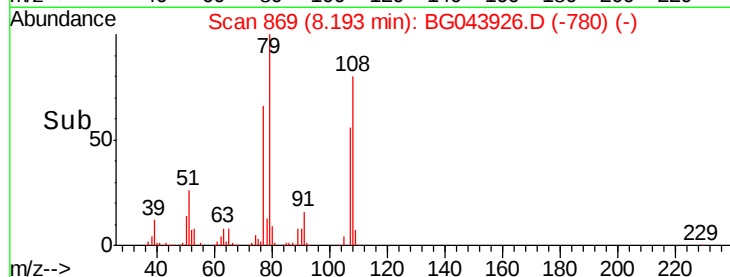
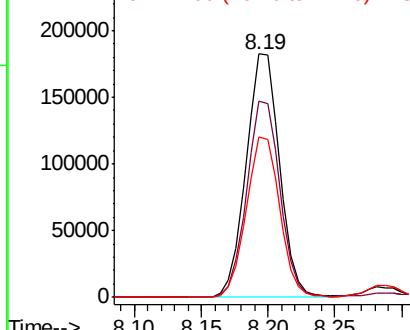
79 100

108 80.5 65.6 98.4

77 65.8 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: 39.168 ng

RT: 8.49 min Scan# 920

Delta R.T. -0.01 min

Lab File: BG043926.D

Acq: 6 Jan 2020 10:33

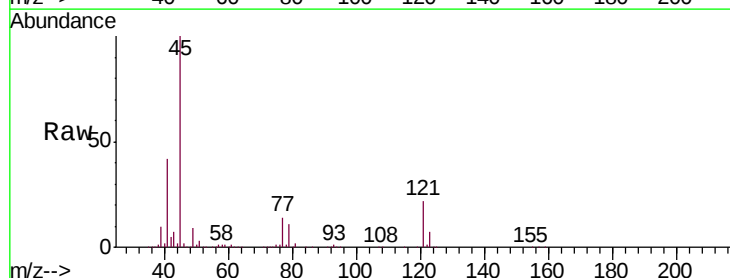
Tgt Ion: 45 Resp: 541656

Ion Ratio Lower Upper

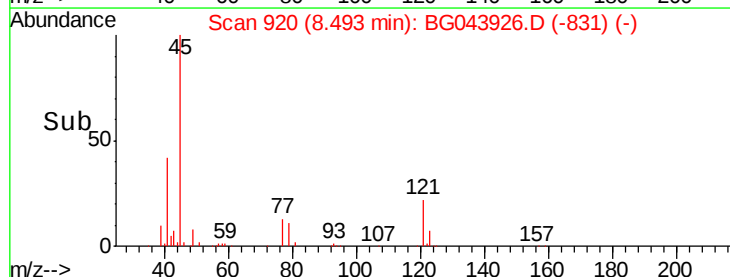
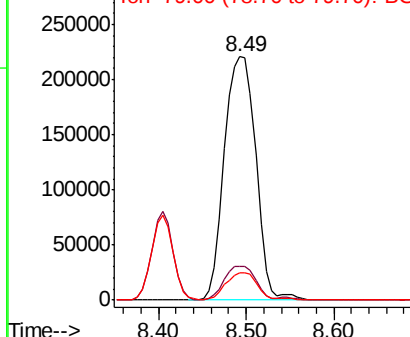
45 100

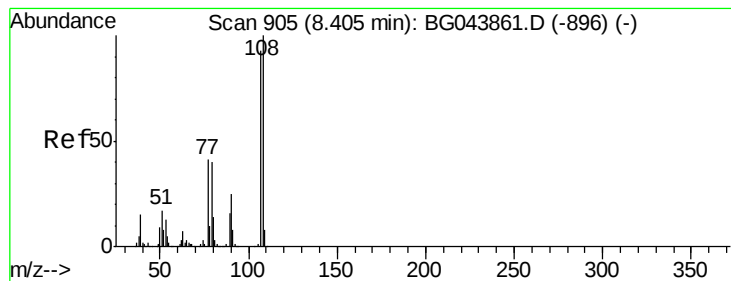
77 14.0 0.0 33.8

79 11.4 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

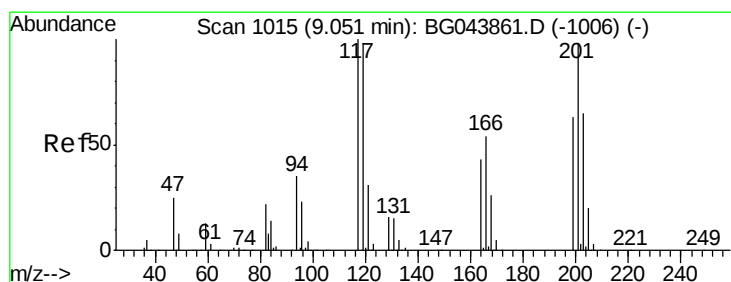
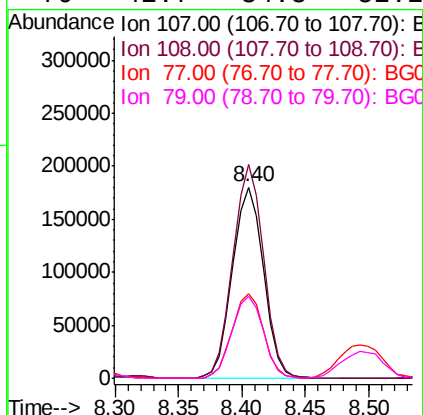
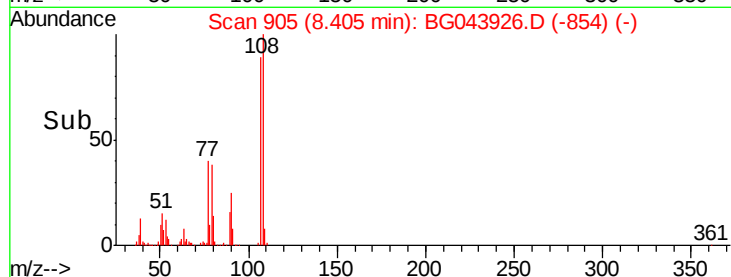
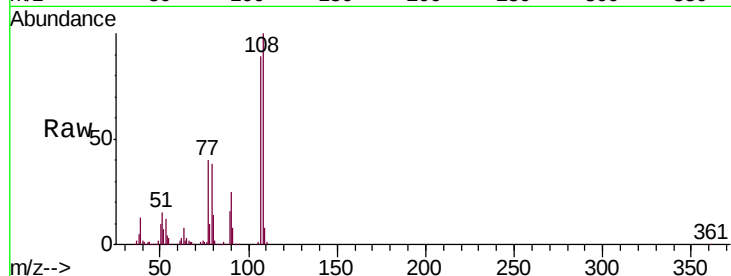




#17
2-Methylphenol
Concen: 40.939 ng
RT: 8.40 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

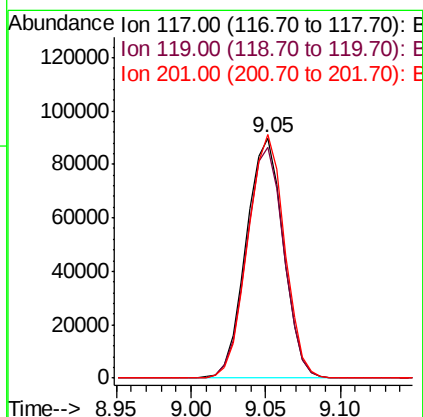
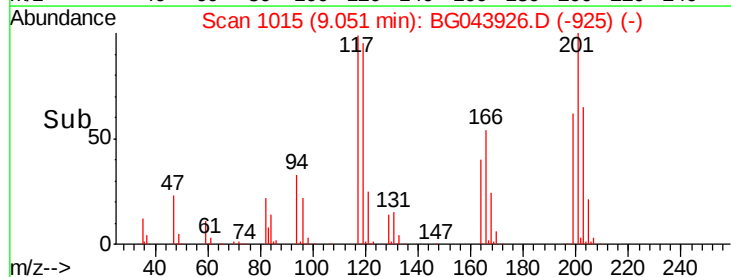
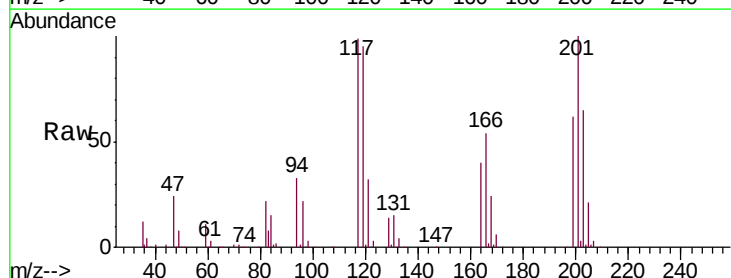
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.8	86.1	129.1
77	44.4	35.4	53.0
79	42.7	34.8	52.2



#18
Hexachloroethane
Concen: 40.680 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	78.1	117.1
201	101.5	78.6	117.8

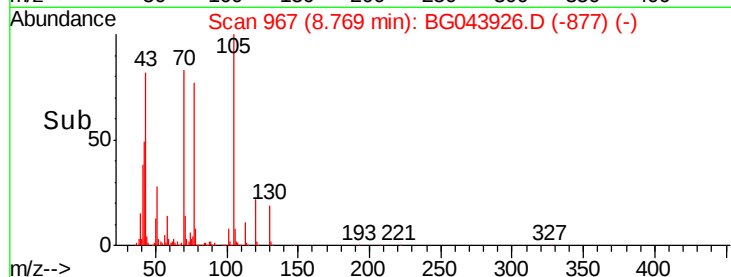
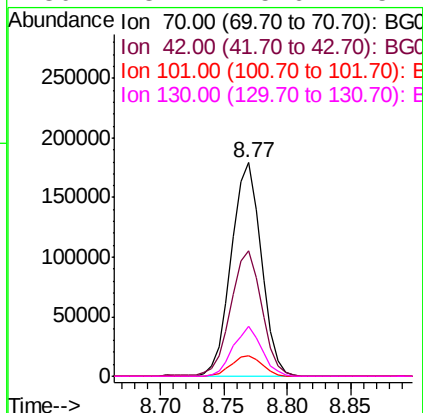
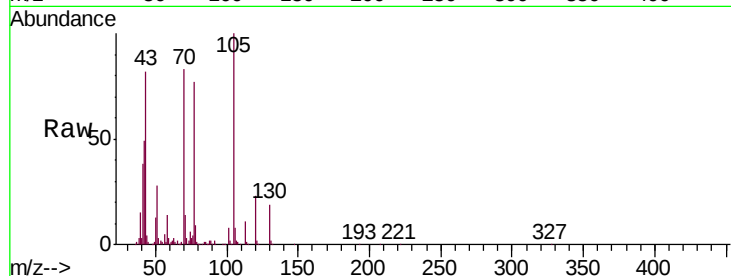




#19
n-Nitroso-di-n-propylamine
Concen: 39.279 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

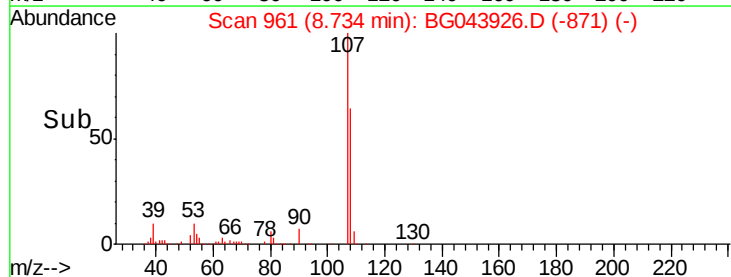
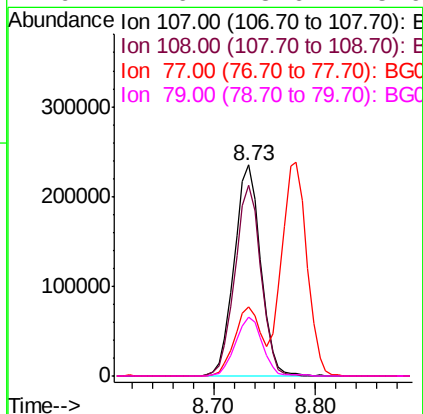
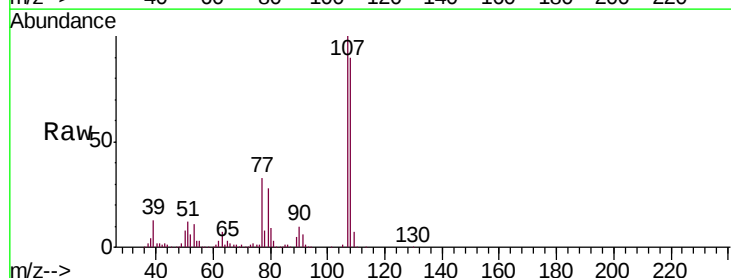
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

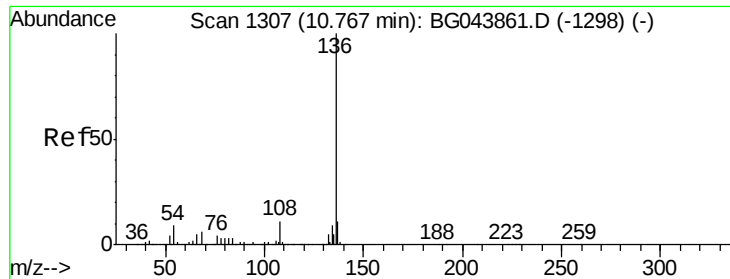
Tgt Ion:	70	Resp:	293992
Ion	Ratio	Lower	Upper
70	100		
42	58.7	47.0	70.4
101	9.6	7.2	10.8
130	23.2	15.6	23.4



#20
3+4-Methylphenols
Concen: 40.760 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

Tgt Ion:	107	Resp:	426095
Ion	Ratio	Lower	Upper
107	100		
108	90.3	70.3	110.3
77	32.7	12.4	52.4
79	27.6	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: BG043926.D

Acq: 6 Jan 2020 10:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 567351

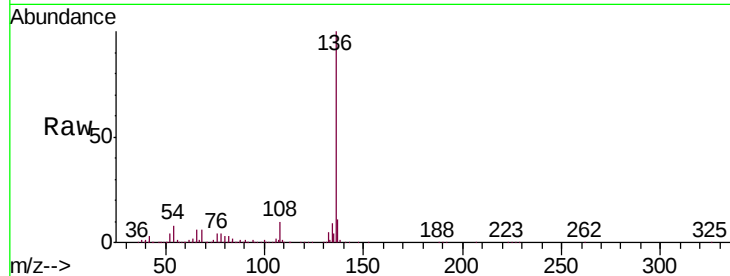
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.3 7.0 10.4

68 6.4 4.9 7.3

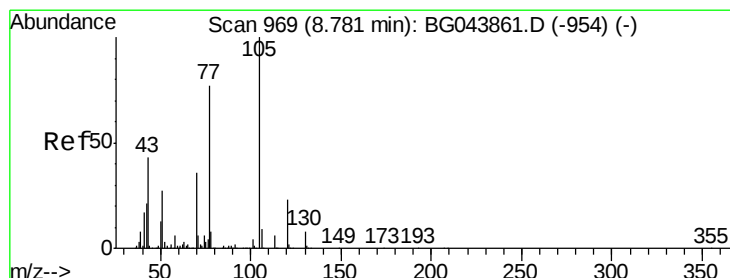
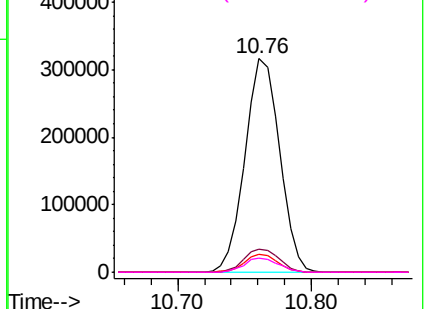
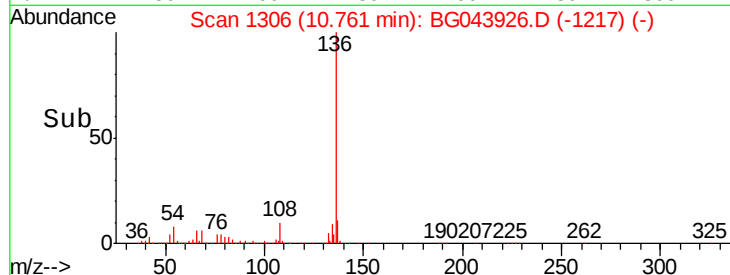


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.444 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.00 min

Lab File: BG043926.D

Acq: 6 Jan 2020 10:33

Tgt Ion:105 Resp: 556356

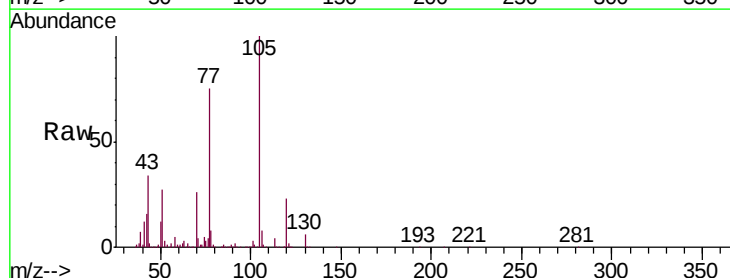
Ion Ratio Lower Upper

105 100

71 4.5 4.8 7.2#

51 27.2 21.4 32.0

120 23.1 18.6 28.0

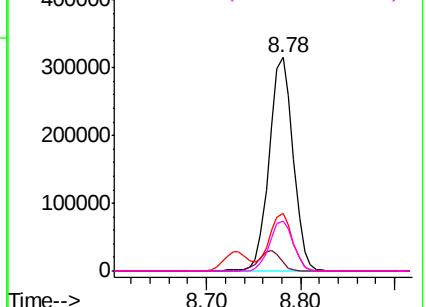
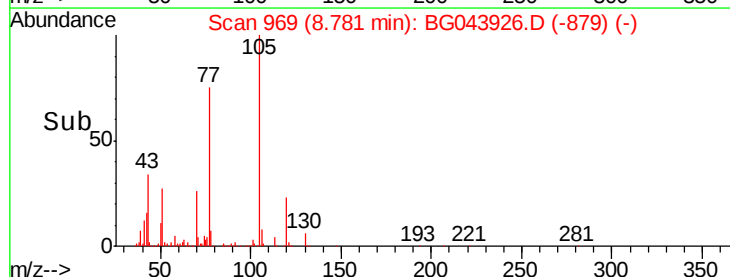


Abundance Ion 105.00 (104.70 to 105.70): E

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

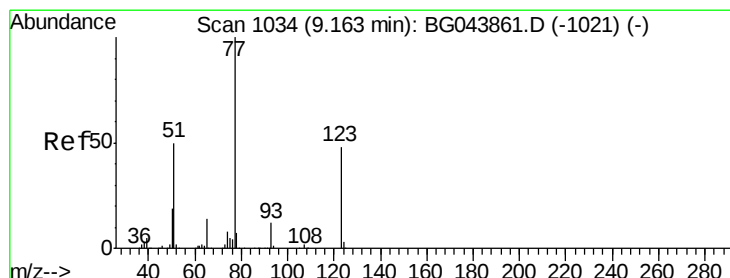
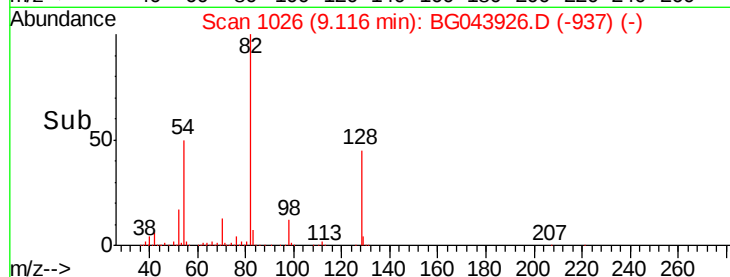
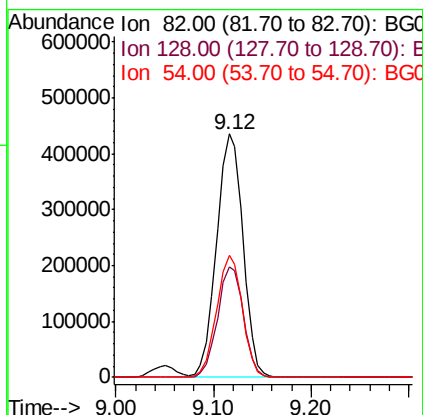
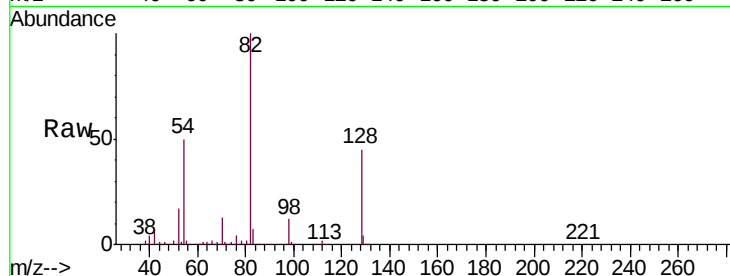




#23
 Nitrobenzene-d5
 Concen: 76.689 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG043926.D
 Acq: 6 Jan 2020 10:33

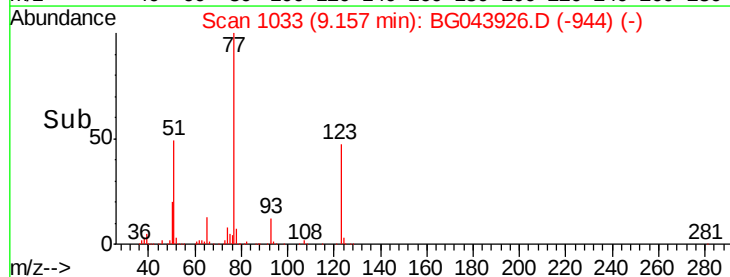
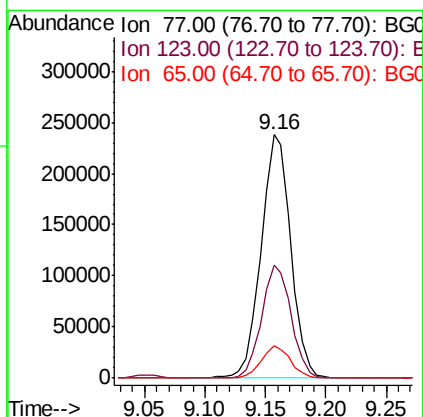
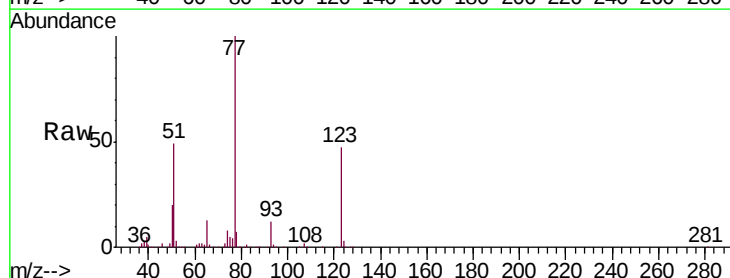
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

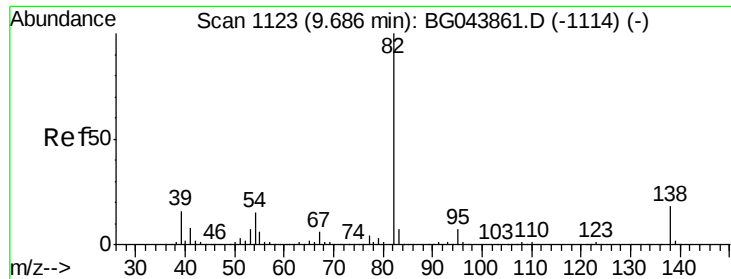
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.1	52.7
54	49.9	40.1	60.1



#24
 Nitrobenzene
 Concen: 38.690 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG043926.D
 Acq: 6 Jan 2020 10:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.6	38.7	58.1
65	13.5	11.1	16.7

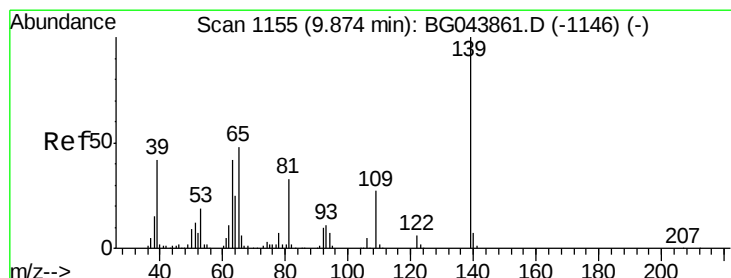
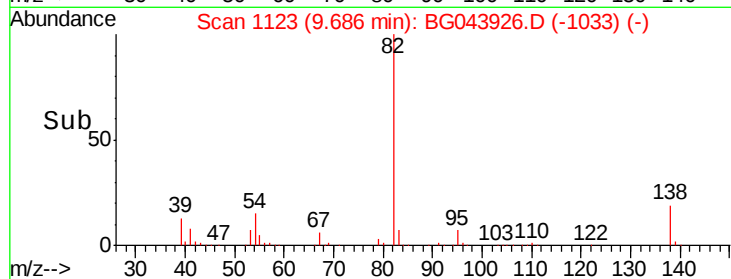
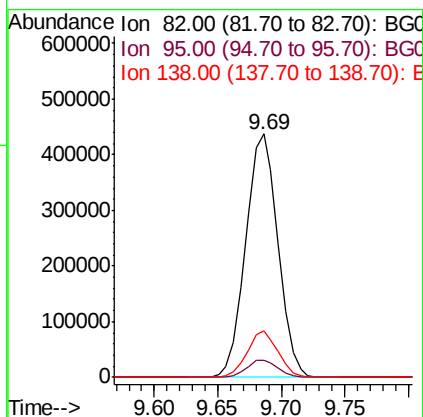
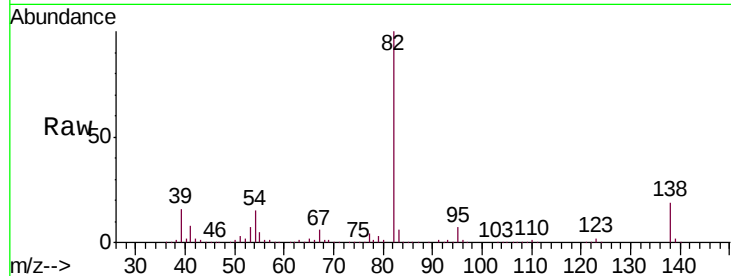




#25
Isophorone
Concen: 38.825 ng
RT: 9.69 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

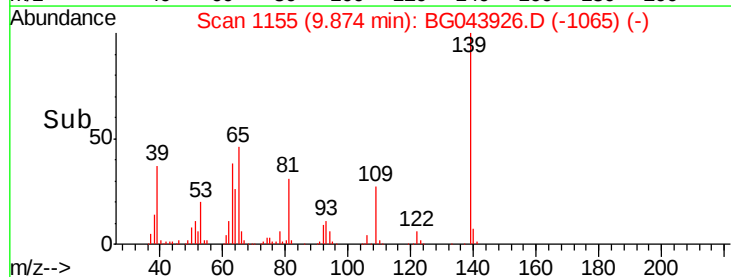
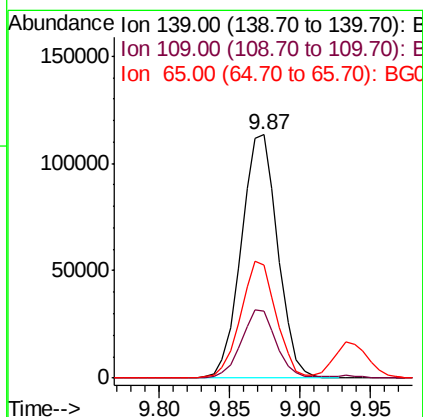
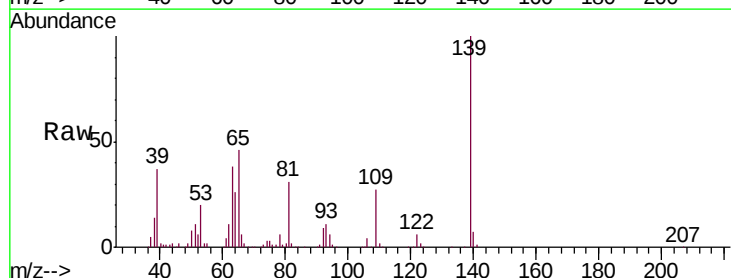
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 772505
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 19.0 14.6 22.0



#26
2-Nitrophenol
Concen: 41.176 ng
RT: 9.87 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

Tgt Ion: 139 Resp: 204627
Ion Ratio Lower Upper
139 100
109 27.4 21.3 31.9
65 46.3 38.6 57.8

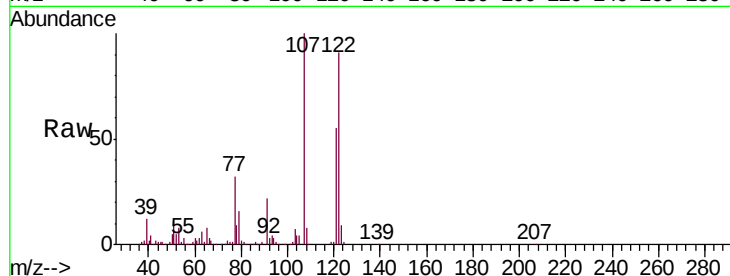




#27
2,4-Dimethylphenol
Concen: 39.854 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
122	100		
107	109.4	88.0	132.0
121	59.8	49.0	73.4

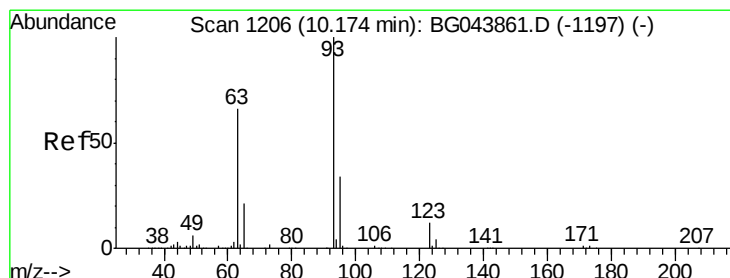
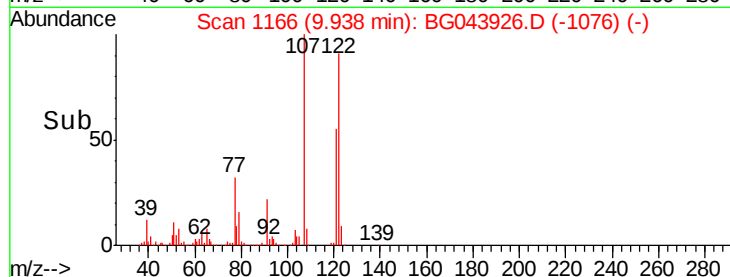
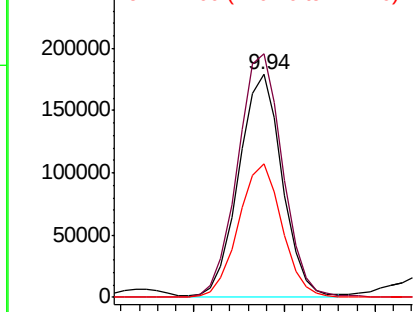


Abundance

Ion 122.00 (121.70 to 122.70): E

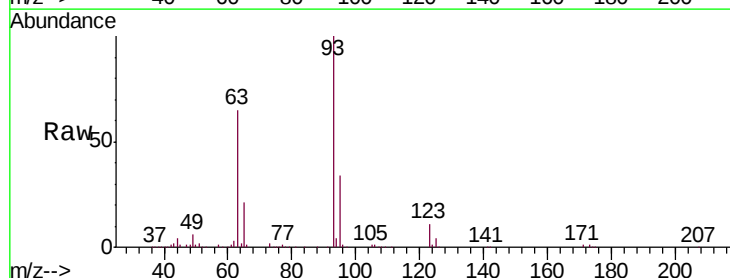
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 38.978 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.2	27.2	40.8
123	11.5	9.7	14.5

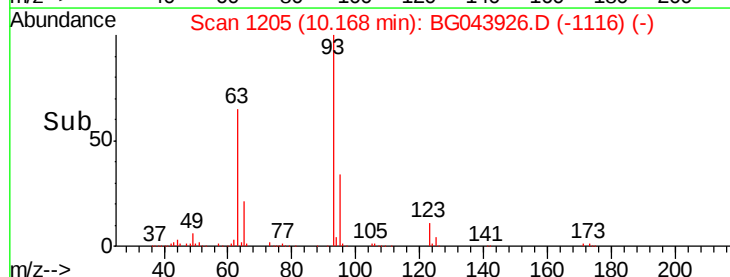
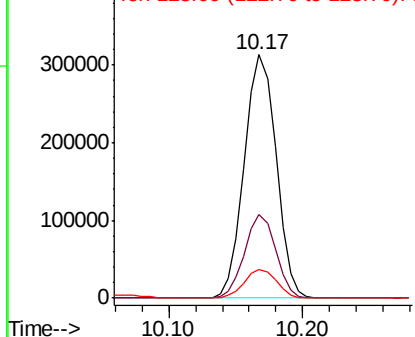


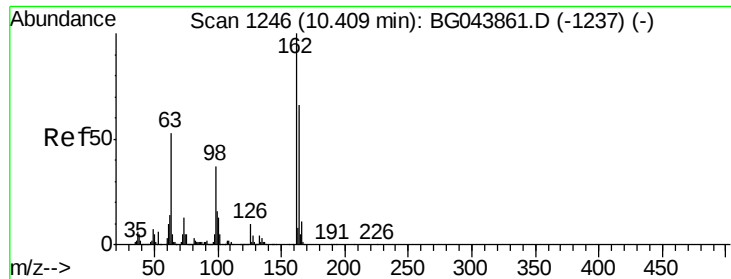
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

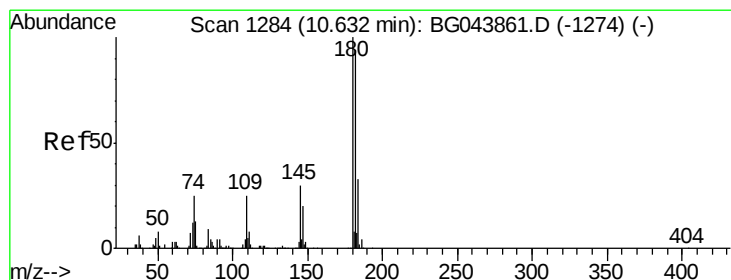
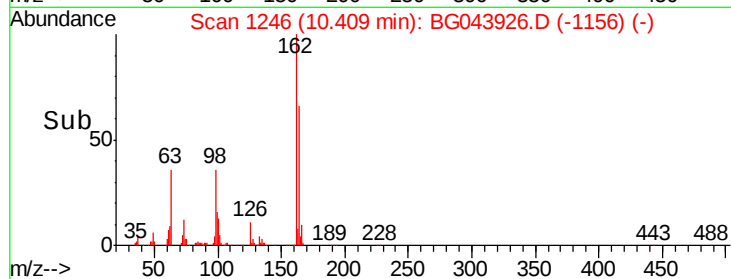
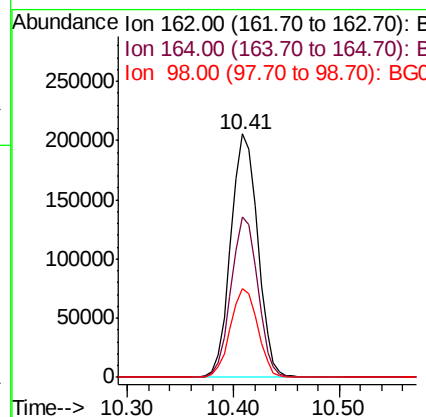
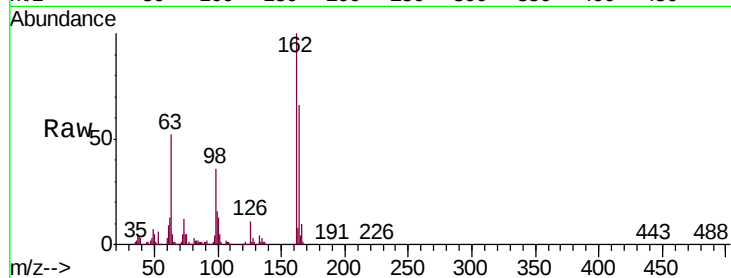




#29
 2,4-Dichlorophenol
 Concen: 40.710 ng
 RT: 10.41 min Scan# 1246
 Delta R.T. -0.00 min
 Lab File: BG043926.D
 Acq: 6 Jan 2020 10:33

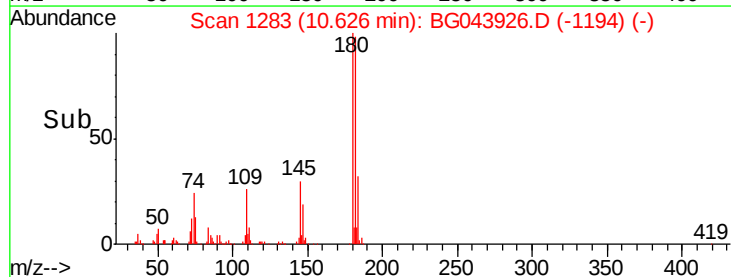
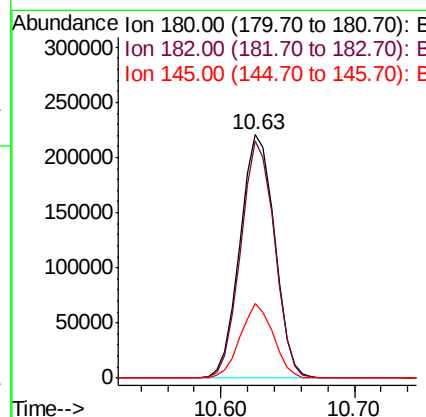
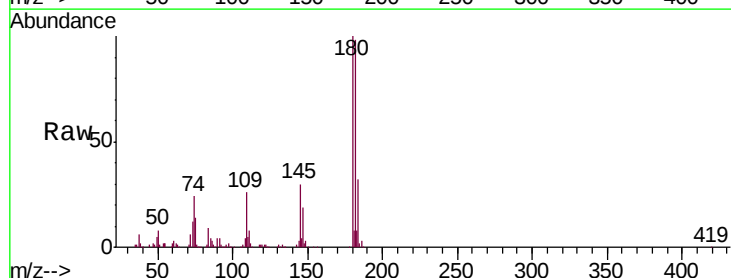
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.7	46.3	86.3
98	36.5	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 39.559 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG043926.D
 Acq: 6 Jan 2020 10:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	75.0	112.4
145	30.5	24.2	36.4

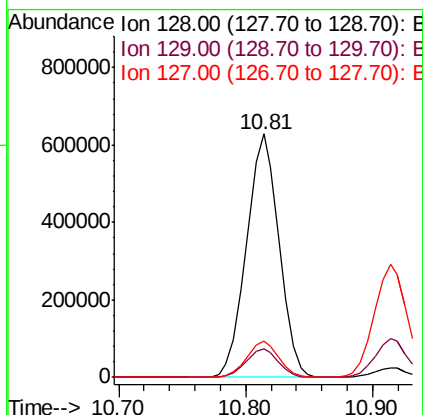
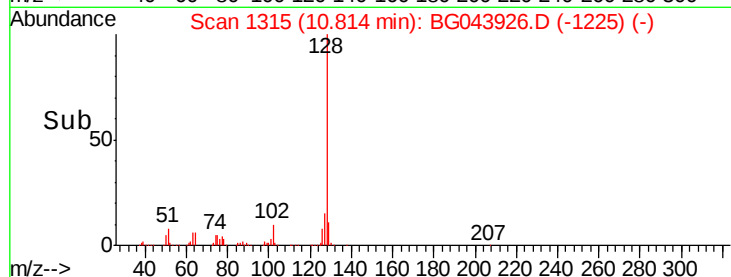
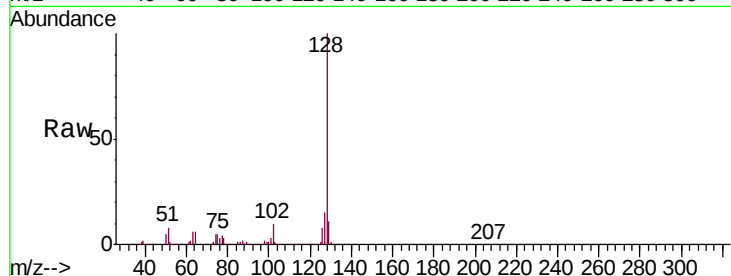




#31
Naphthalene
Concen: 40.806 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

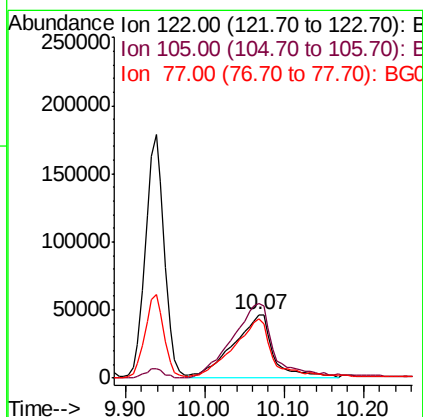
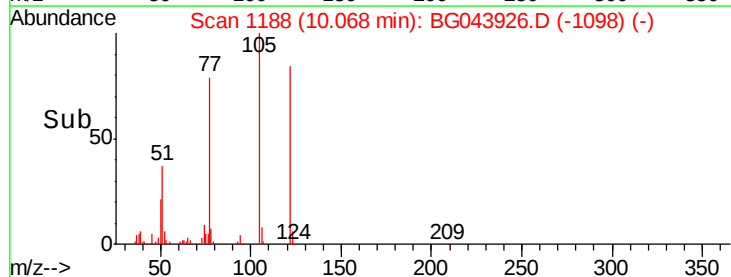
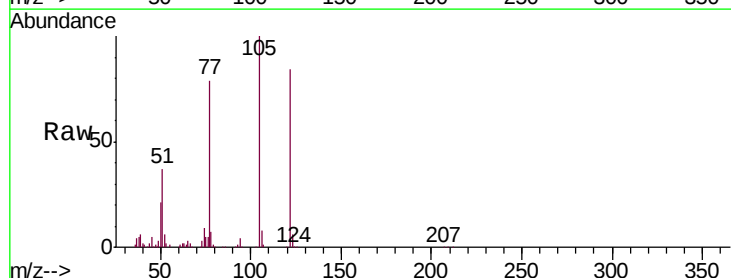
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

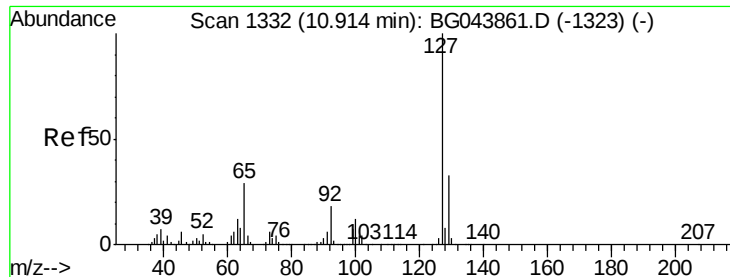
Tgt Ion:128 Resp: 1120334
Ion Ratio Lower Upper
128 100
129 11.5 9.8 14.6
127 14.8 12.0 18.0



#32
Benzoic acid
Concen: 29.795 ng
RT: 10.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

Tgt Ion:122 Resp: 164875
Ion Ratio Lower Upper
122 100
105 118.8 106.4 146.4
77 94.2 74.6 114.6

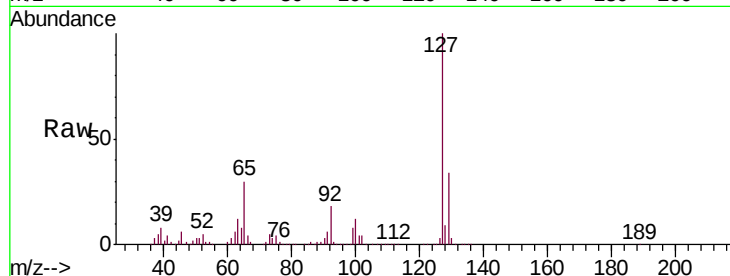




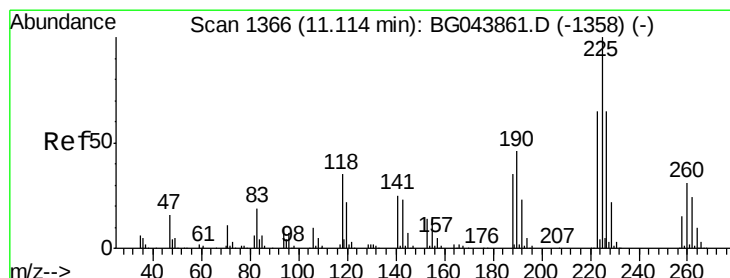
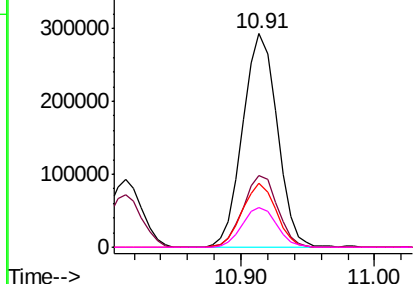
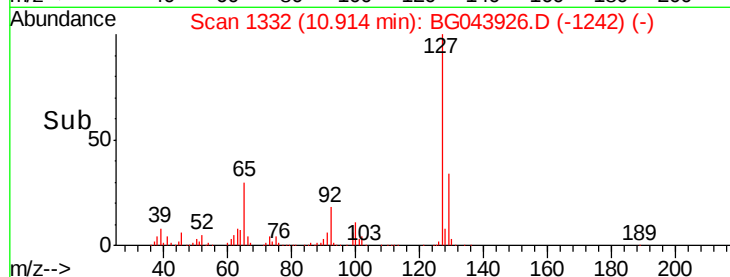
#33
4-Chloroaniline
Concen: 39.940 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	523018
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.6	40.0
65	30.1	23.3	34.9
92	18.4	14.7	22.1

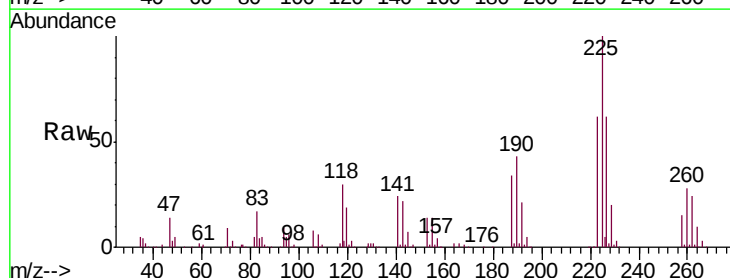


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

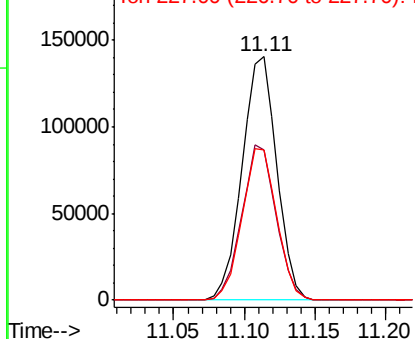
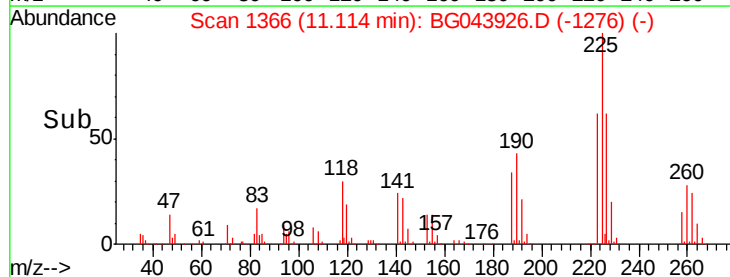


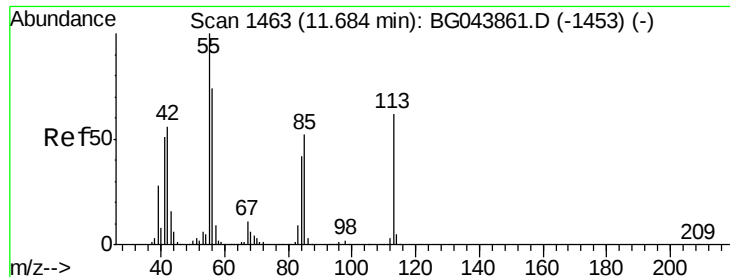
#34
Hexachlorobutadiene
Concen: 39.590 ng
RT: 11.11 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

Tgt Ion:	225	Resp:	241845
Ion	Ratio	Lower	Upper
225	100		
223	61.5	52.2	78.4
227	61.8	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: 40.927 ng

RT: 11.68 min Scan# 1463

Delta R.T. -0.00 min

Lab File: BG043926.D

Acq: 6 Jan 2020 10:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

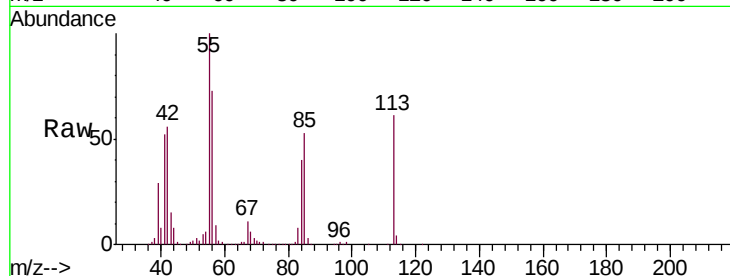
Tgt Ion:113 Resp: 135951

Ion Ratio Lower Upper

113 100

55 163.0 142.5 182.5

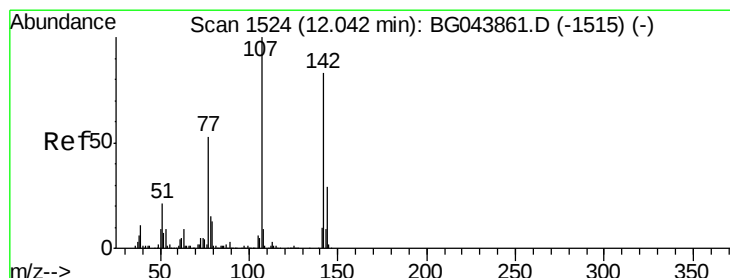
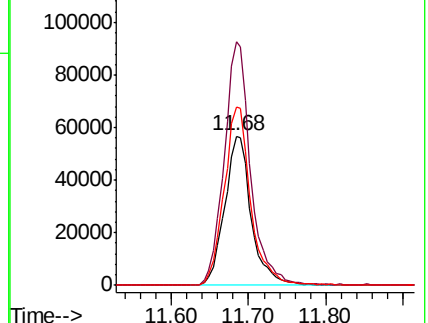
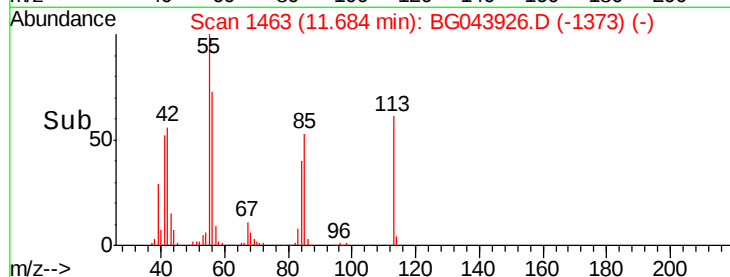
56 119.6 101.4 141.4



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: 41.340 ng

RT: 12.04 min Scan# 1524

Delta R.T. -0.00 min

Lab File: BG043926.D

Acq: 6 Jan 2020 10:33

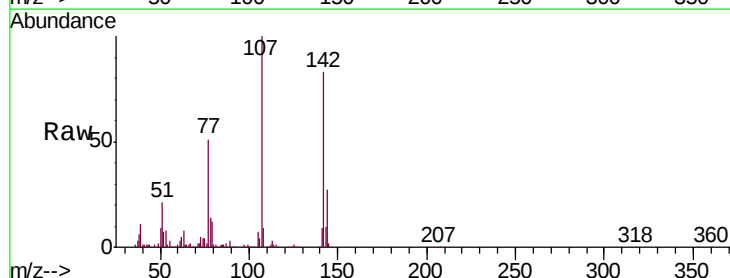
Tgt Ion:107 Resp: 392695

Ion Ratio Lower Upper

107 100

144 27.2 23.4 35.2

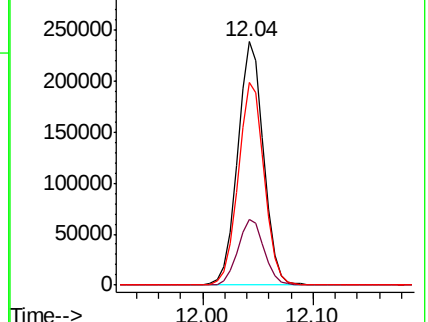
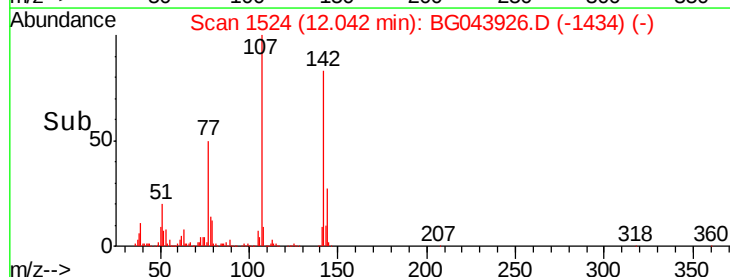
142 83.0 66.3 99.5



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

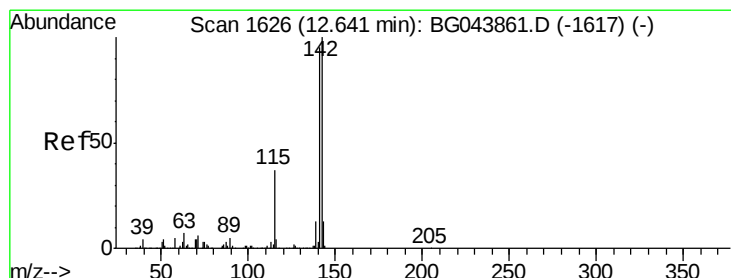
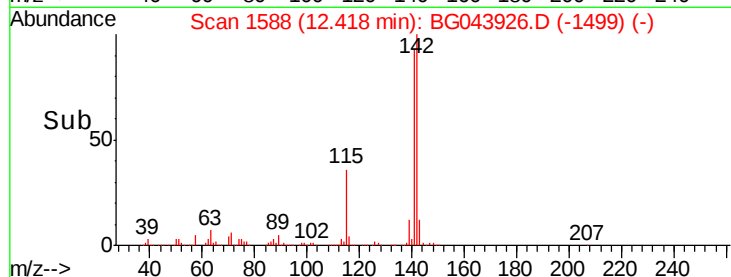
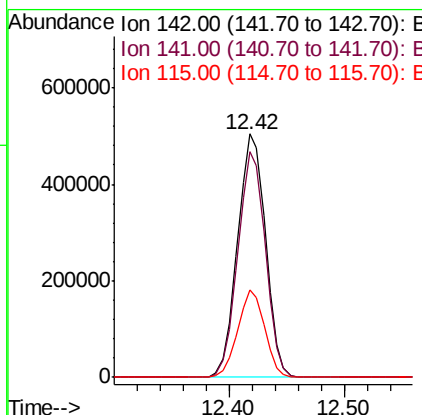
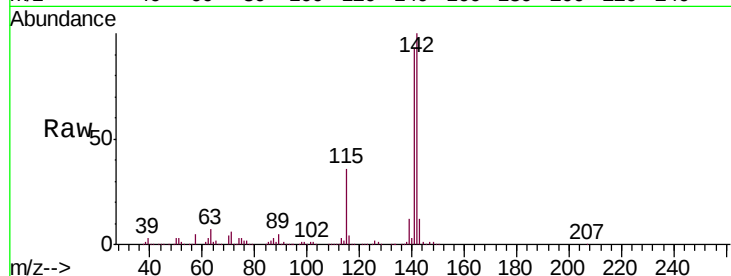




#37
 2-Methylnaphthalene
 Concen: 40.903 ng
 RT: 12.42 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BG043926.D
 Acq: 6 Jan 2020 10:33

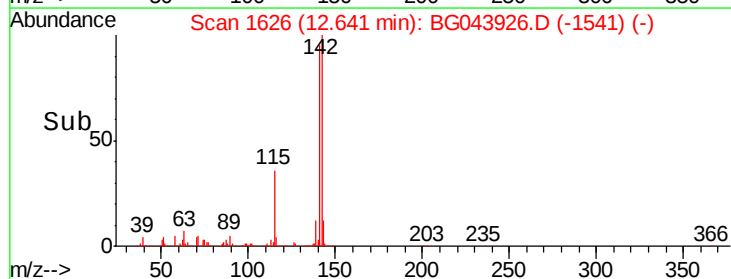
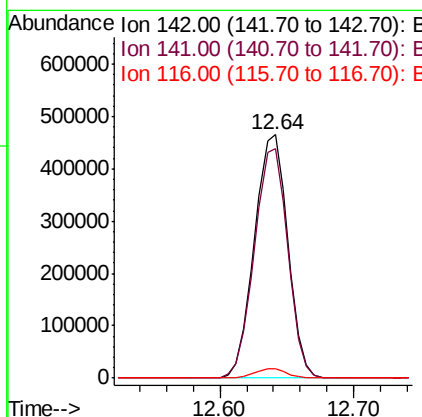
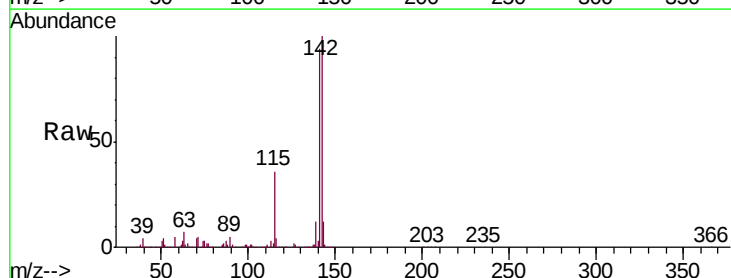
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	75.8	113.8
115	35.7	28.6	42.8



#38
 1-Methylnaphthalene
 Concen: 40.982 ng
 RT: 12.64 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: BG043926.D
 Acq: 6 Jan 2020 10:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.5	76.0	114.0
116	3.8	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: BG043926.D

Acq: 6 Jan 2020 10:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

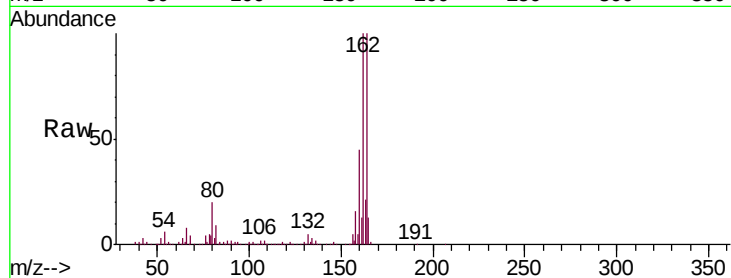
Tgt Ion:164 Resp: 377244

Ion Ratio Lower Upper

164 100

162 100.5 83.0 124.4

160 45.5 36.1 54.1

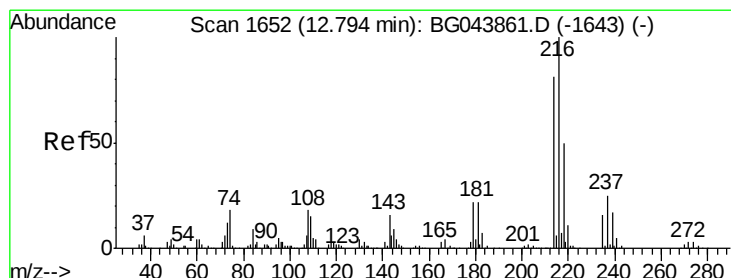
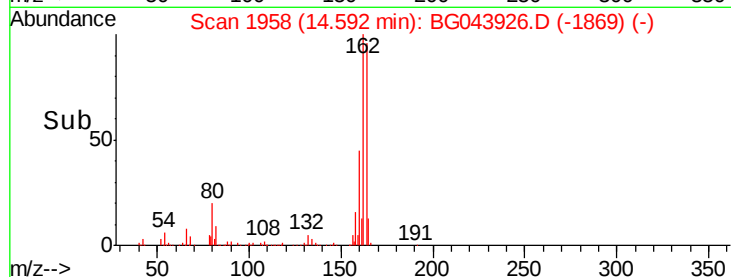
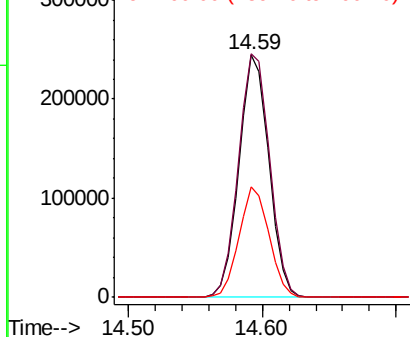


Abundance

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: 38.991 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG043926.D

Acq: 6 Jan 2020 10:33

Tgt Ion:216 Resp: 431126

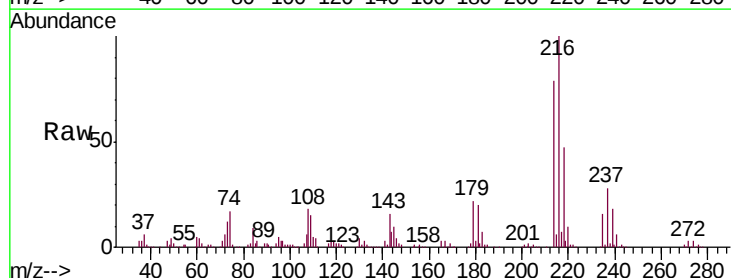
Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.8

179 21.6 17.3 25.9

108 18.8 15.3 22.9



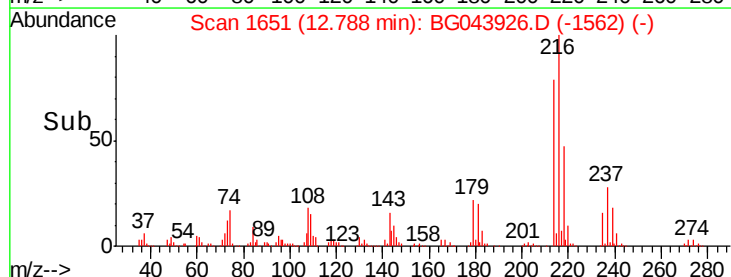
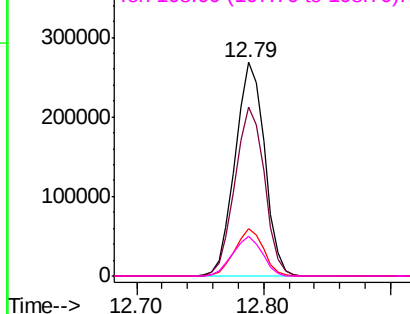
Abundance

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

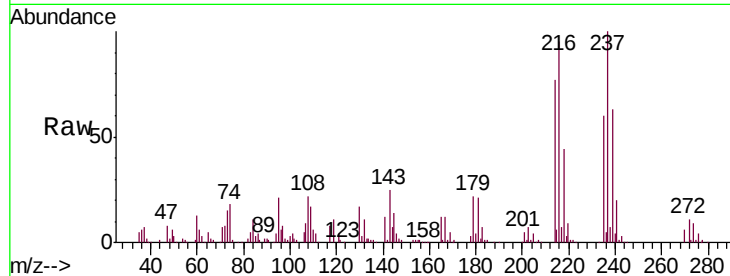




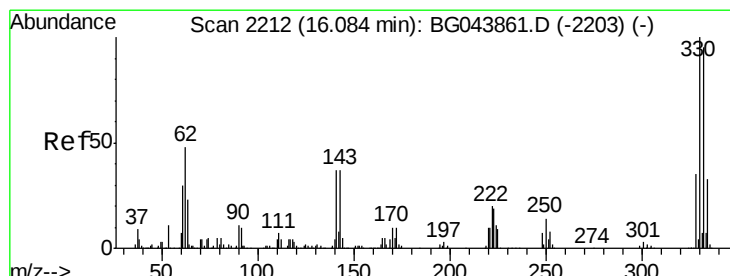
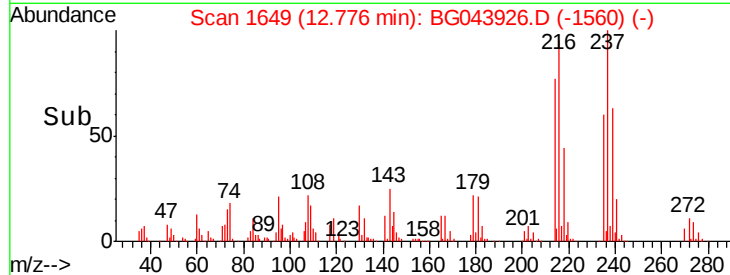
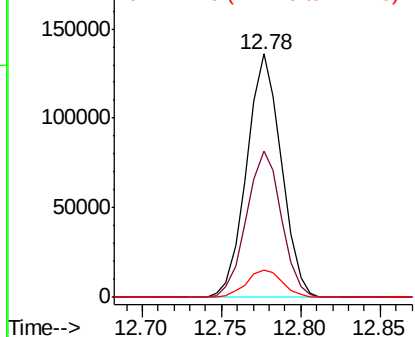
#41
Hexachlorocyclopentadiene
Concen: 35.985 ng
RT: 12.78 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion: 237 Resp: 206279
Ion Ratio Lower Upper
237 100
235 60.3 41.1 81.1
272 11.3 0.0 31.7

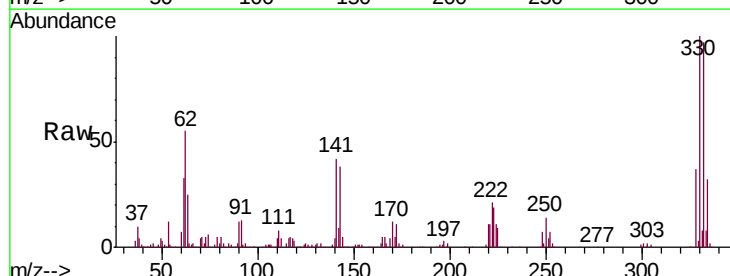


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

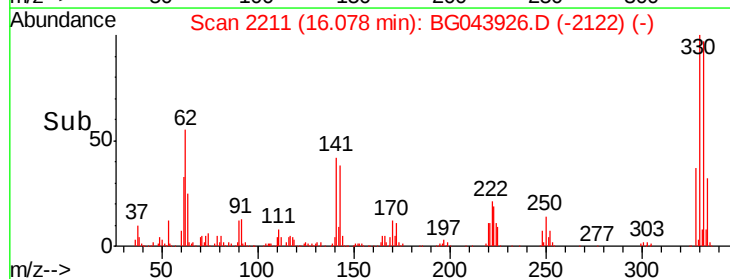
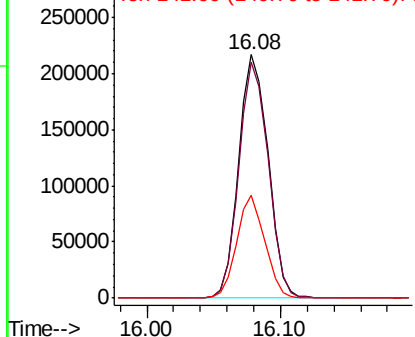


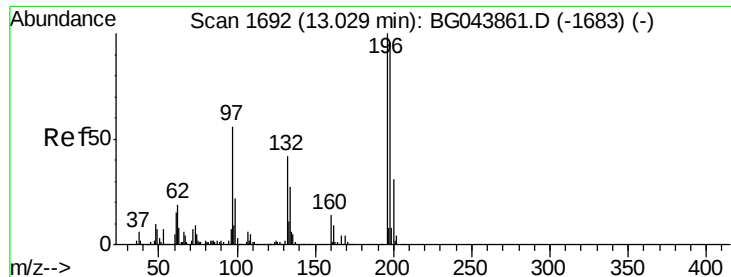
#42
2,4,6-Tribromophenol
Concen: 84.042 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

Tgt Ion: 330 Resp: 331780
Ion Ratio Lower Upper
330 100
332 96.6 77.2 115.8
141 40.4 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

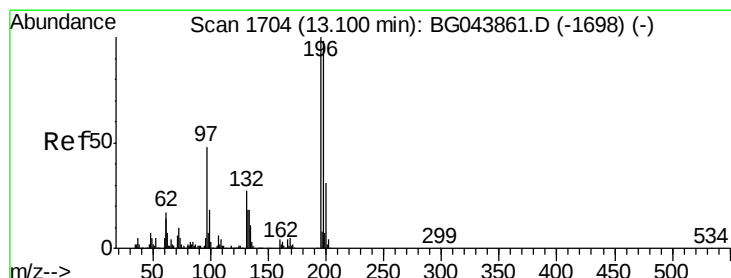
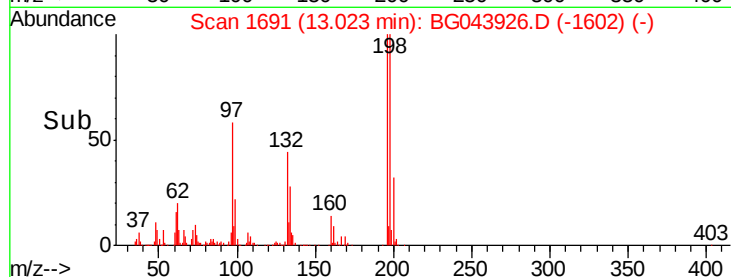
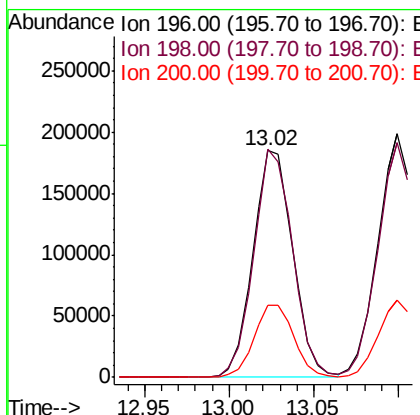
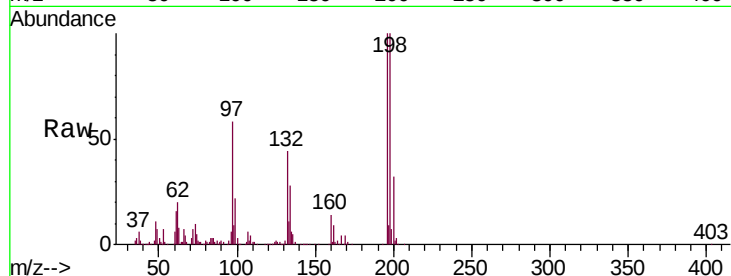




#43
 2,4,6-Trichlorophenol
 Concen: 39.859 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG043926.D
 Acq: 6 Jan 2020 10:33

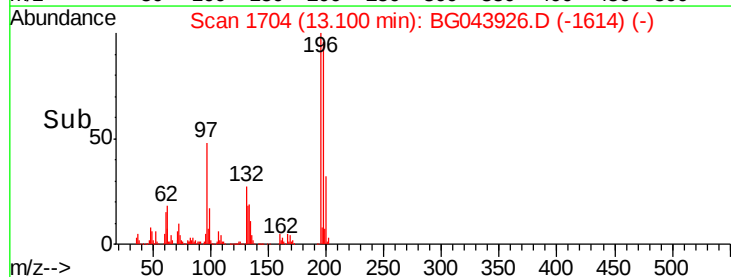
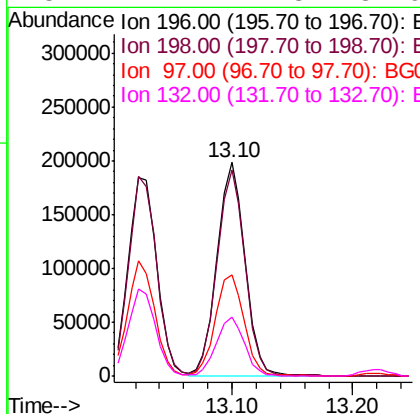
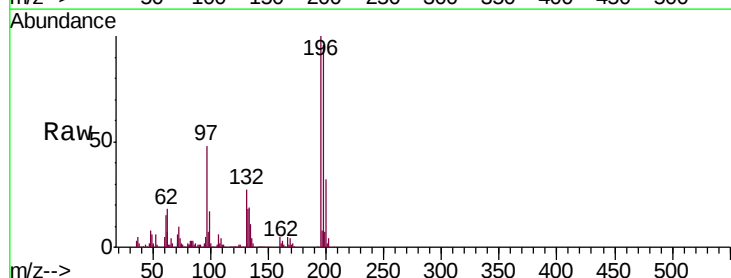
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tgt Ion:196 Resp: 303251
 Ion Ratio Lower Upper
 196 100
 198 100.3 76.6 115.0
 200 31.7 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 40.223 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG043926.D
 Acq: 6 Jan 2020 10:33

Tgt Ion:196 Resp: 315624
 Ion Ratio Lower Upper
 196 100
 198 96.5 78.3 117.5
 97 47.6 38.8 58.2
 132 27.4 21.3 31.9

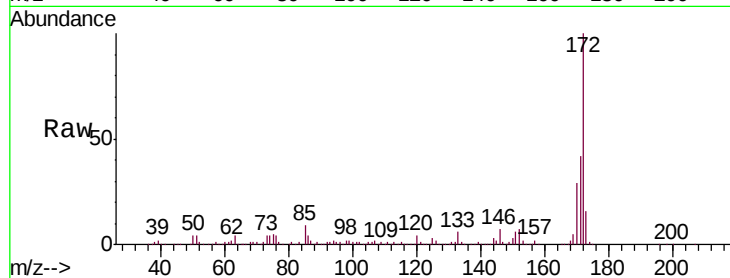




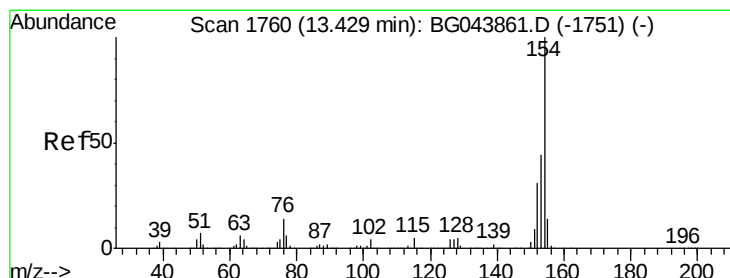
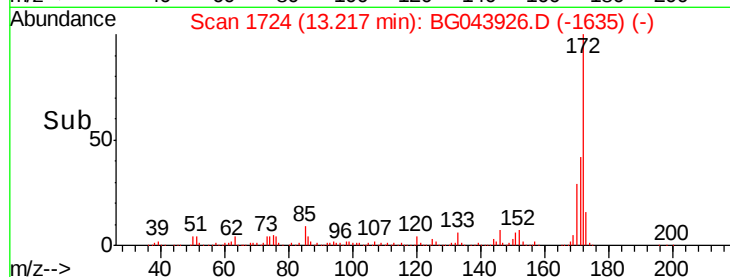
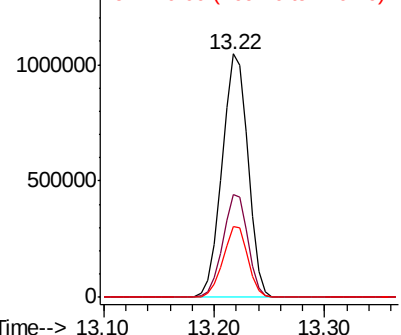
#45
 2-Fluorobiphenyl
 Concen: 82.777 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG043926.D
 Acq: 6 Jan 2020 10:33

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:172 Resp: 1723569
 Ion Ratio Lower Upper
 172 100
 171 42.1 35.8 53.8
 170 29.3 24.2 36.4

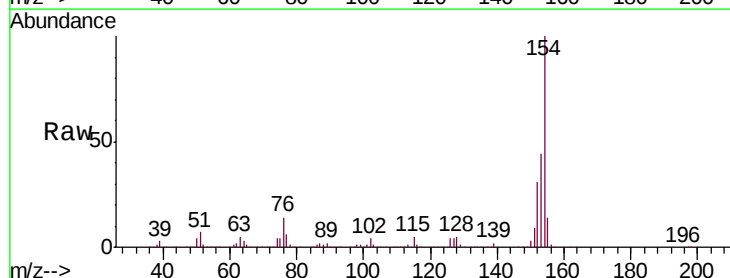


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

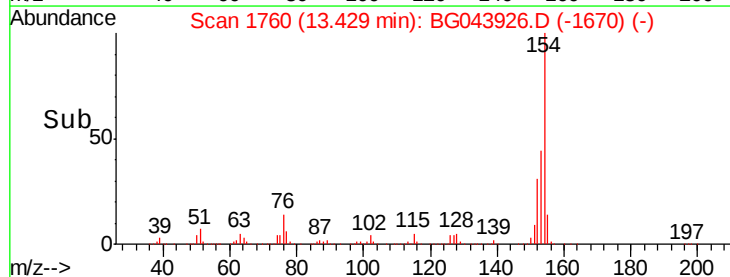
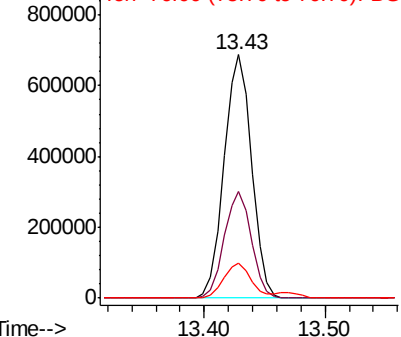


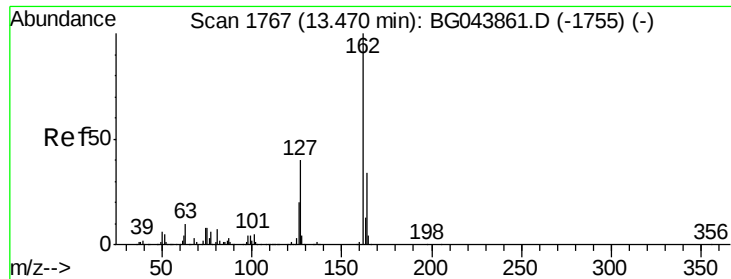
#46
 1,1'-Biphenyl
 Concen: 40.241 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. -0.00 min
 Lab File: BG043926.D
 Acq: 6 Jan 2020 10:33

Tgt Ion:154 Resp: 1088439
 Ion Ratio Lower Upper
 154 100
 153 44.0 23.6 63.6
 76 14.4 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

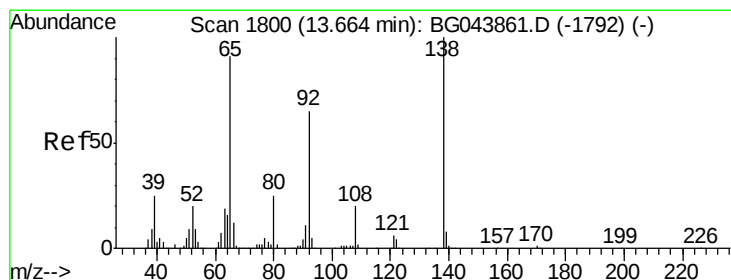
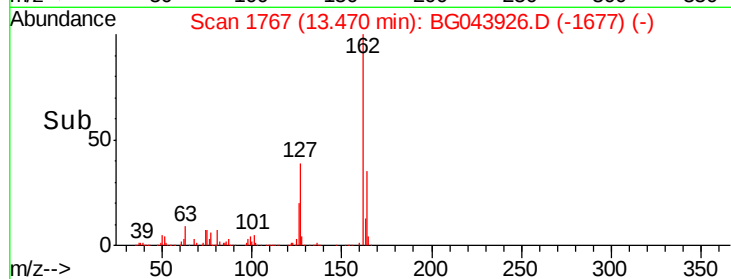
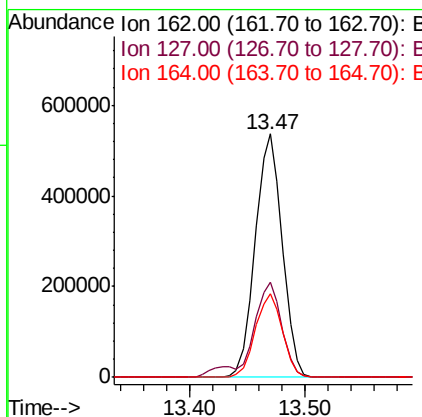
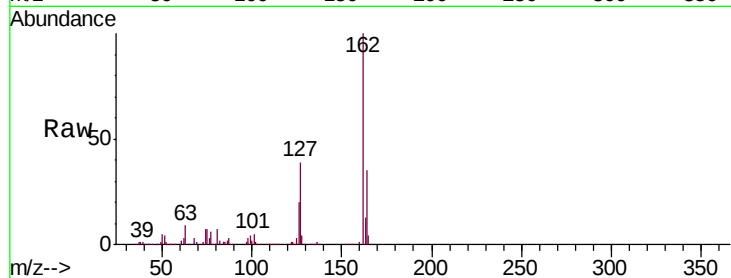




#47
2-Chloronaphthalene
Concen: 39.994 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

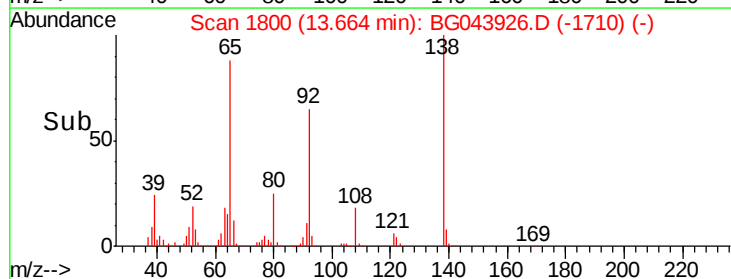
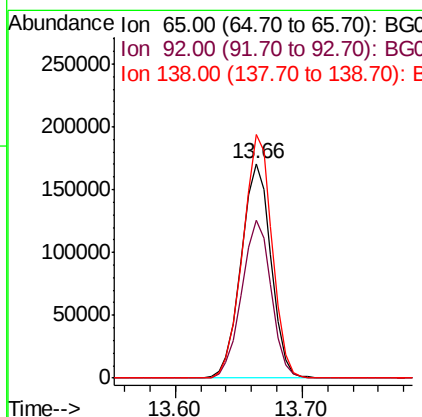
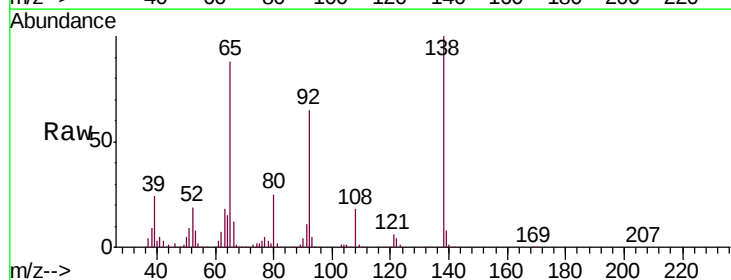
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

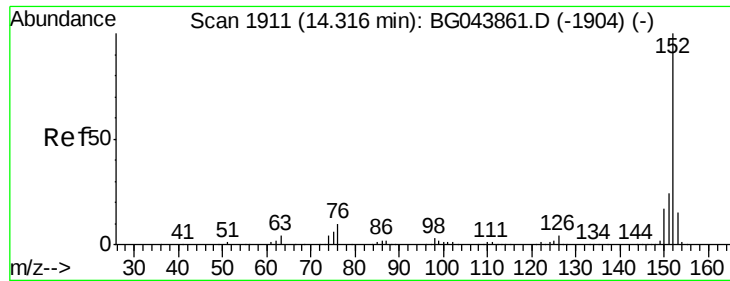
Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.3	32.1	48.1
164	34.5	27.5	41.3



#48
2-Nitroaniline
Concen: 39.737 ng
RT: 13.66 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.5	57.4	86.2
138	113.5	88.2	132.4





#49

Acenaphthylene

Concen: 40.974 ng

RT: 14.32 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BG043926.D

Acq: 6 Jan 2020 10:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

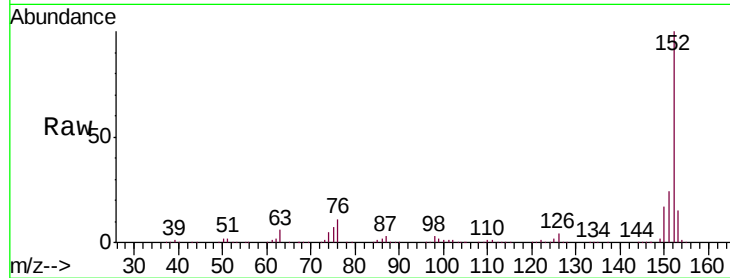
Tgt Ion:152 Resp: 1287169

Ion Ratio Lower Upper

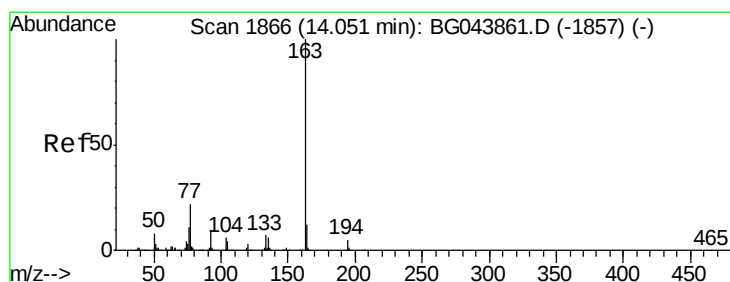
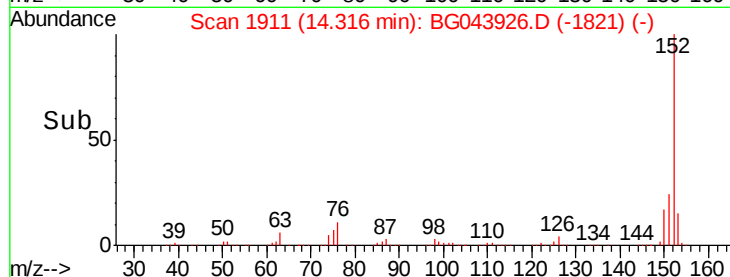
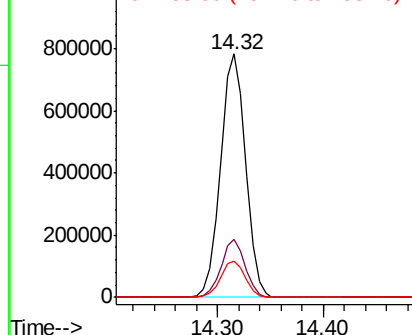
152 100

151 23.7 19.4 29.2

153 14.8 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: 40.718 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG043926.D

Acq: 6 Jan 2020 10:33

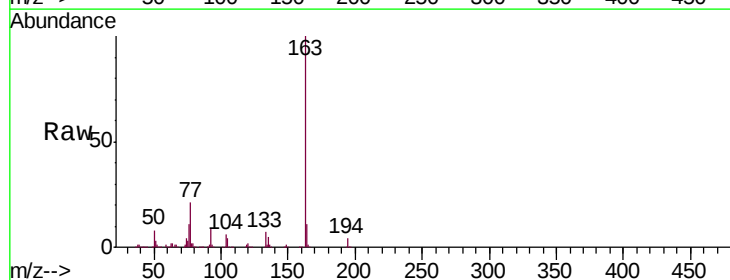
Tgt Ion:163 Resp: 1090667

Ion Ratio Lower Upper

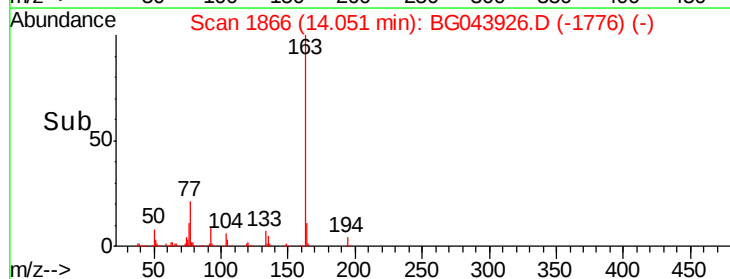
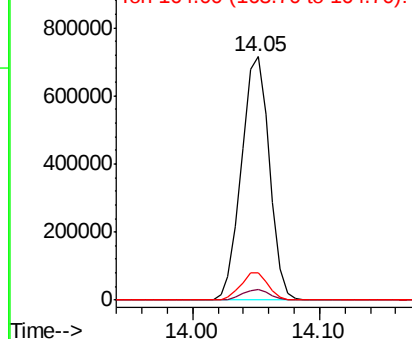
163 100

194 4.3 3.7 5.5

164 11.2 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

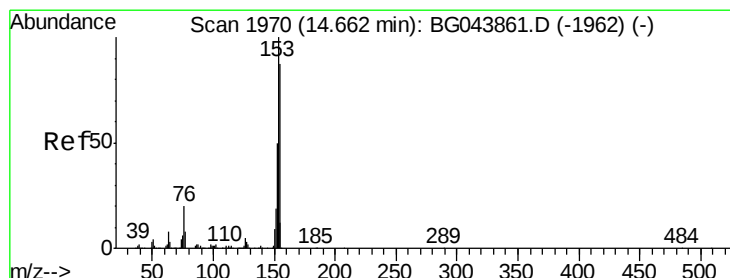
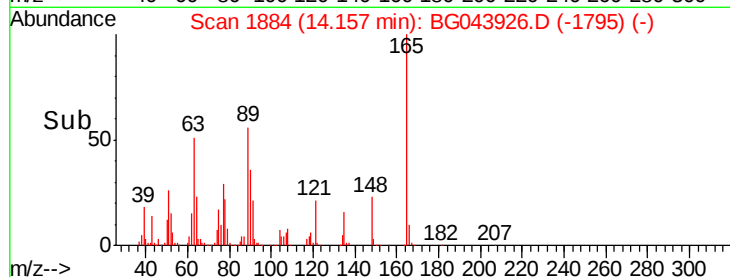
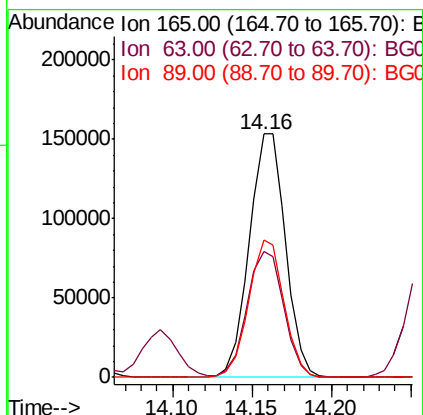
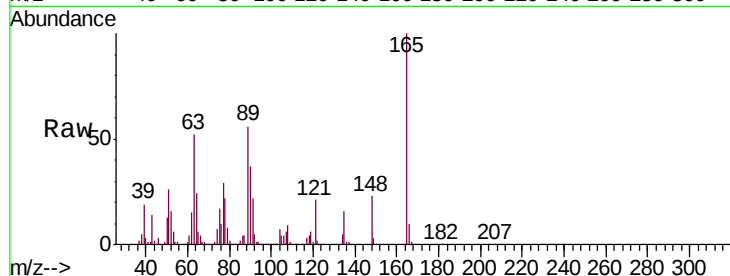




#51
2,6-Dinitrotoluene
Concen: 40.265 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

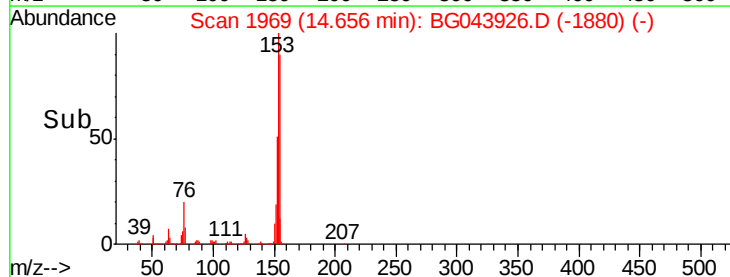
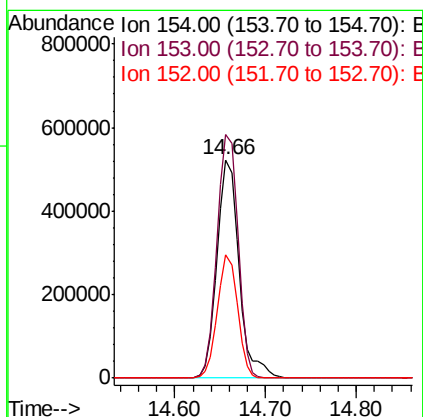
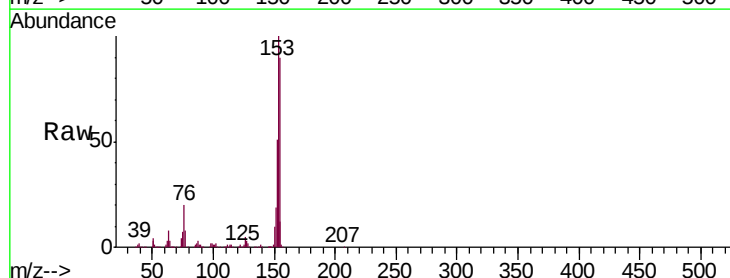
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.5	43.1	64.7
89	56.3	43.8	65.6



#52
Acenaphthene
Concen: 40.006 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.5	91.6	137.4
152	56.5	45.4	68.0

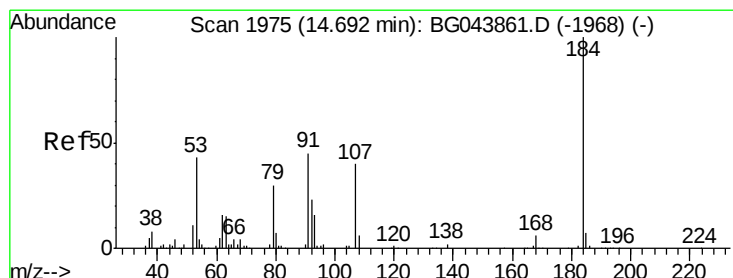
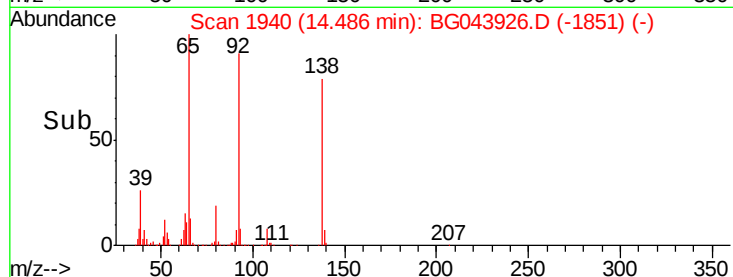
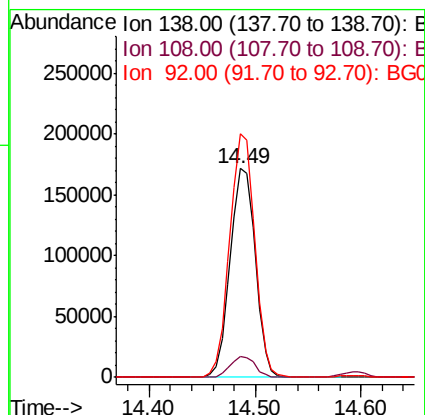
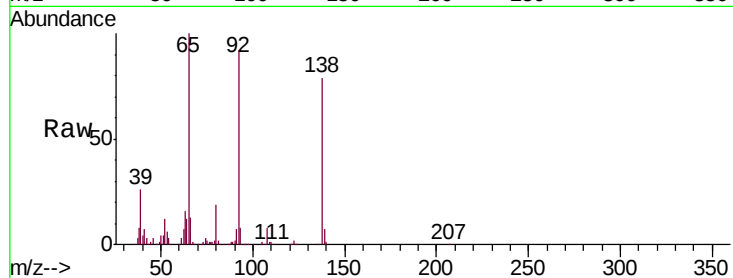




#53
3-Nitroaniline
Concen: 41.104 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

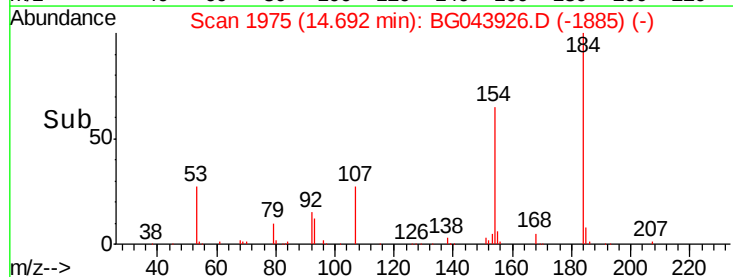
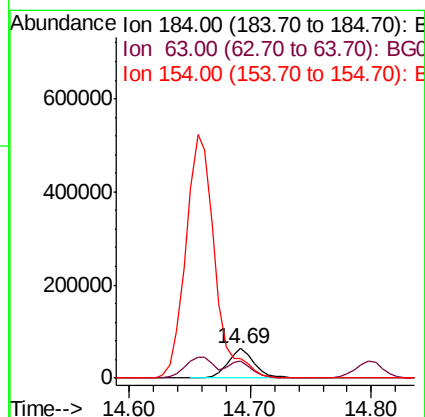
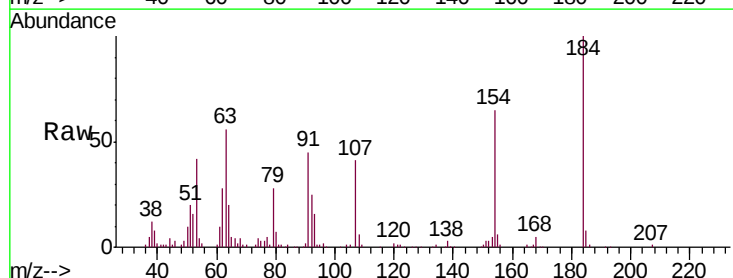
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

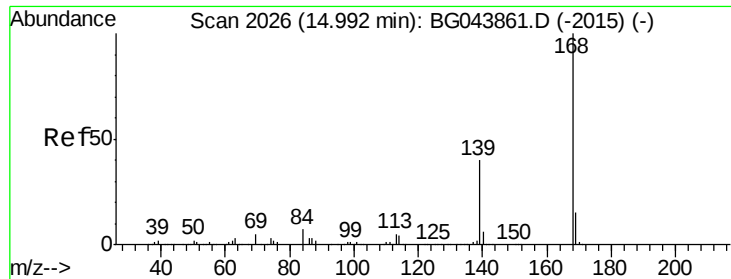
Tgt Ion:138 Resp: 282594
Ion Ratio Lower Upper
138 100
108 10.0 7.4 11.2
92 116.7 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 34.846 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

Tgt Ion:184 Resp: 97229
Ion Ratio Lower Upper
184 100
63 56.5 46.6 70.0
154 64.8 50.2 75.4

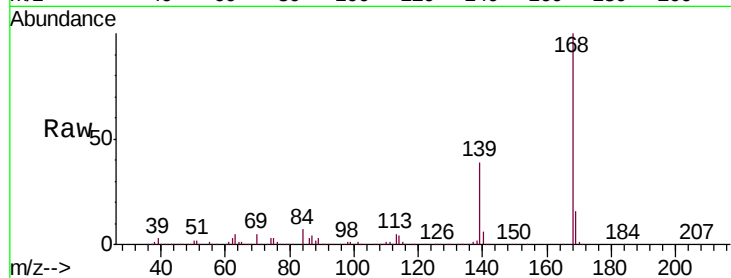




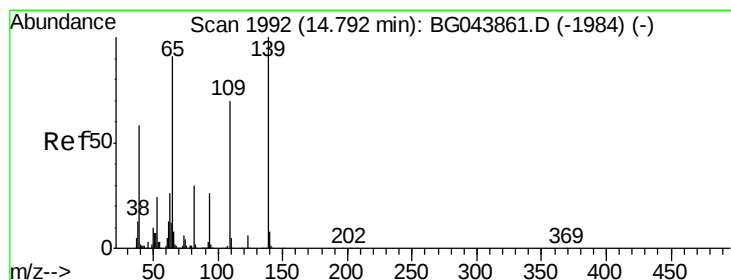
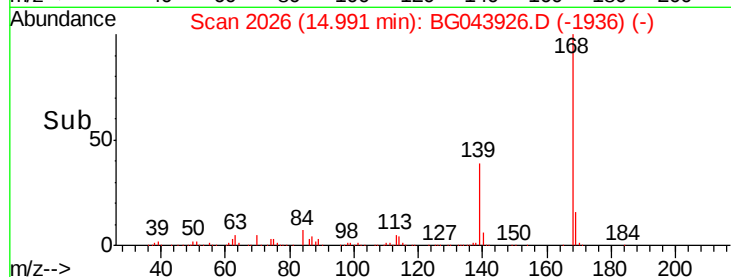
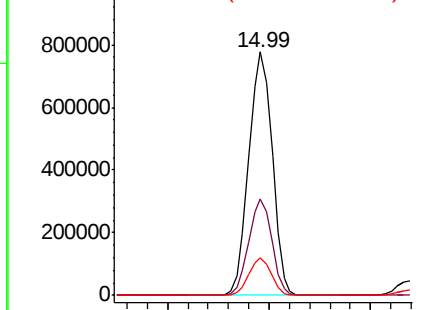
#55
Dibenzenofuran
Concen: 41.360 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 1254339
Ion Ratio Lower Upper
168 100
139 39.4 32.2 48.2
169 15.5 12.2 18.2

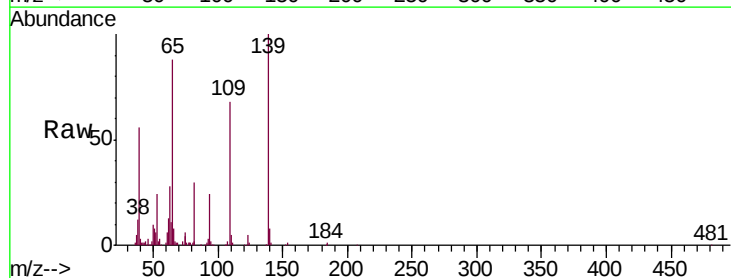


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

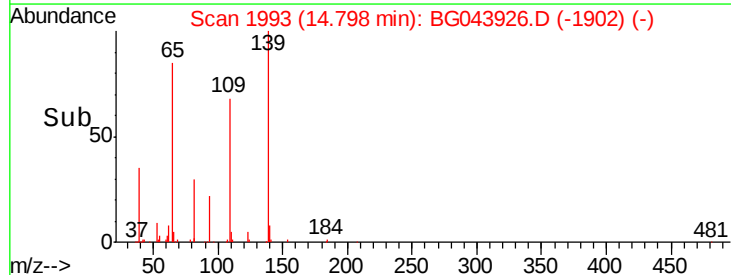
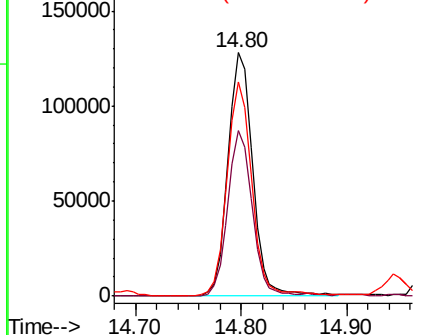


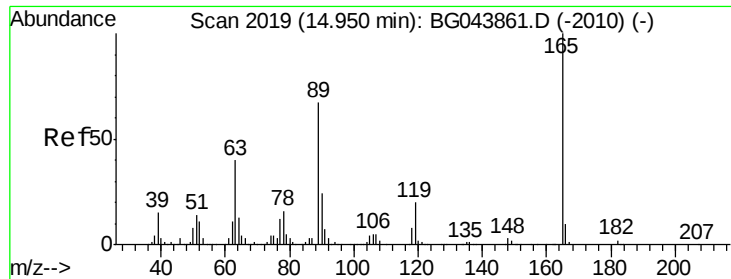
#56
4-Nitrophenol
Concen: 39.454 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.01 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

Tgt Ion:139 Resp: 207860
Ion Ratio Lower Upper
139 100
109 68.2 50.4 90.4
65 88.1 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): BGO

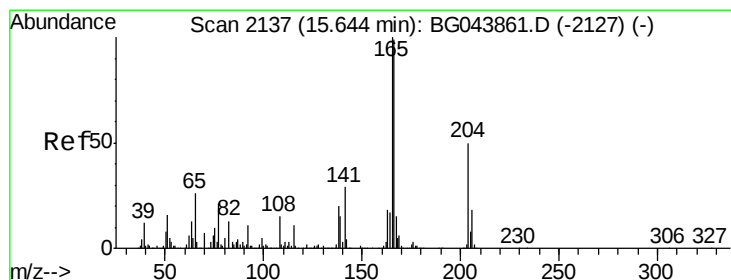
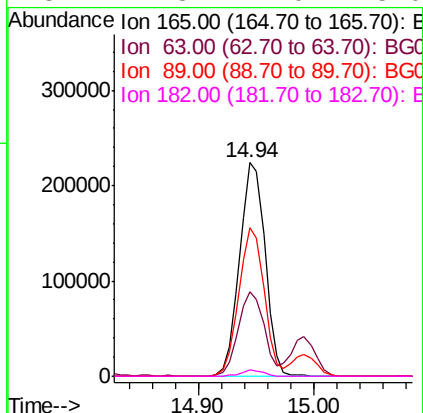
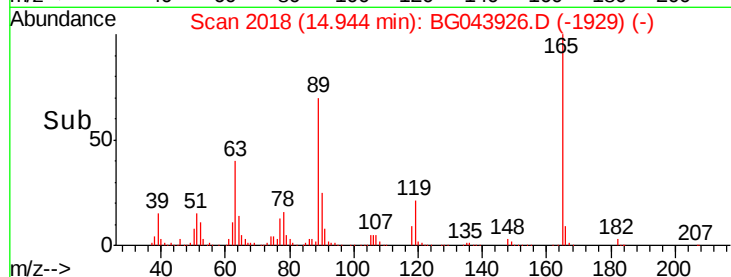
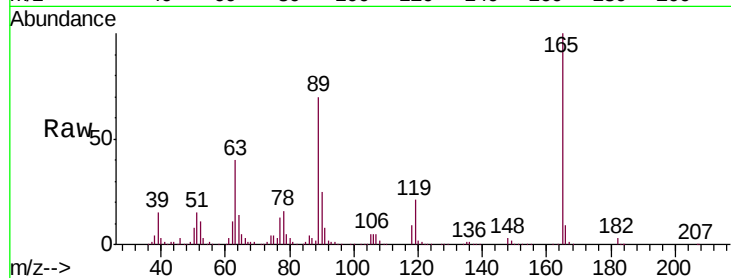




#57
2,4-Dinitrotoluene
Concen: 41.749 ng
RT: 14.94 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

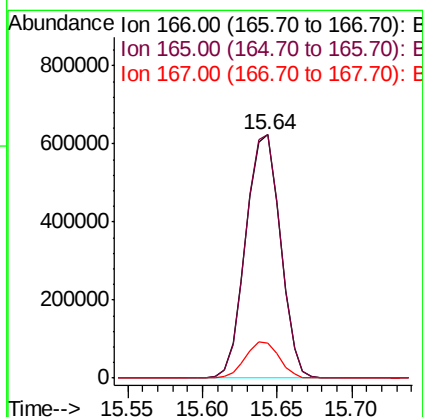
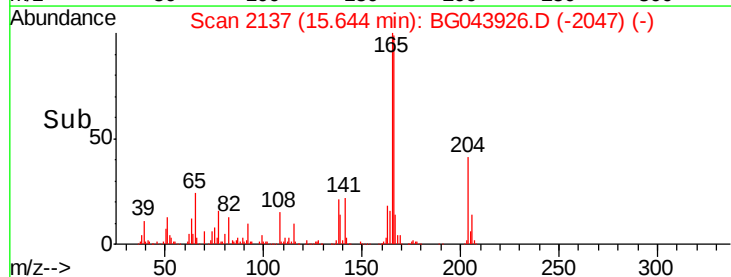
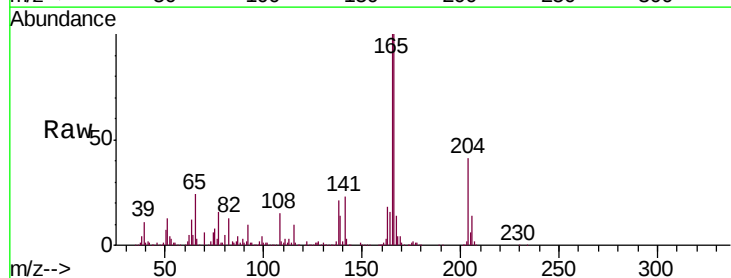
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:	165	Resp:	343926
Ion	Ratio	Lower	Upper
165	100		
63	39.8	31.9	47.9
89	69.5	53.8	80.6
182	2.8	2.0	3.0



#58
Fluorene
Concen: 41.546 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

Tgt Ion:	166	Resp:	998660
Ion	Ratio	Lower	Upper
166	100		
165	100.1	80.8	121.2
167	14.4	12.1	18.1

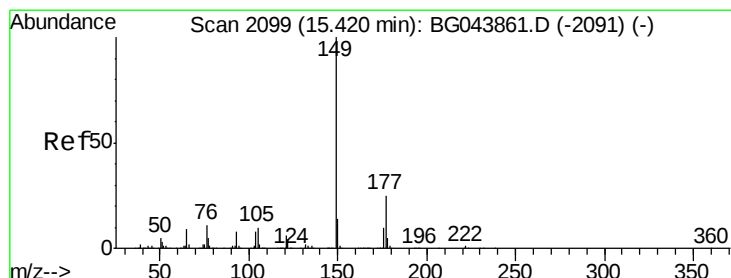
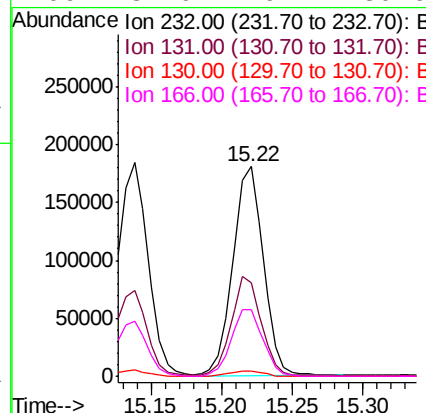
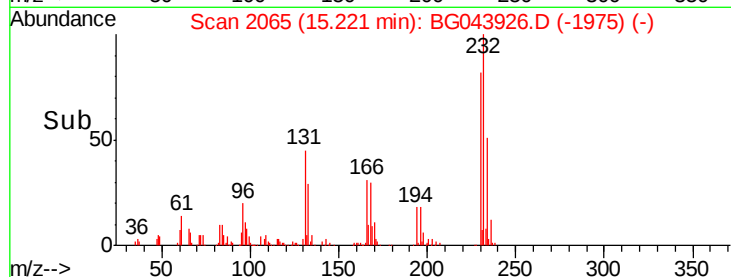
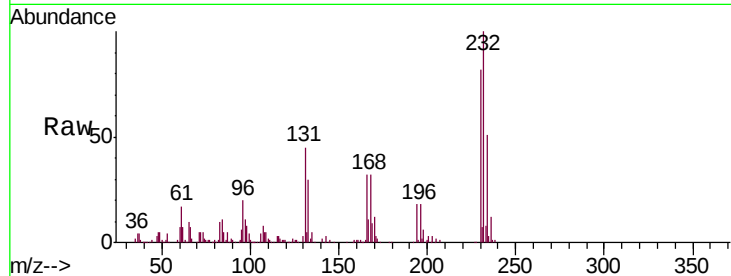




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.289 ng
RT: 15.22 min Scan# 2065
Delta R.T. -0.00 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

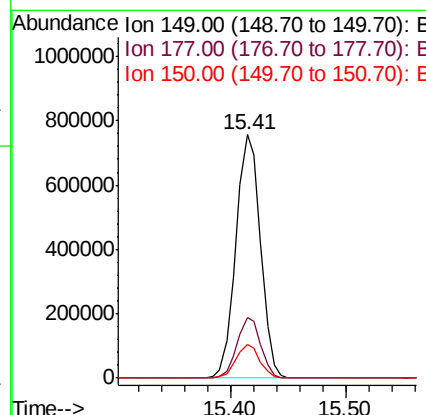
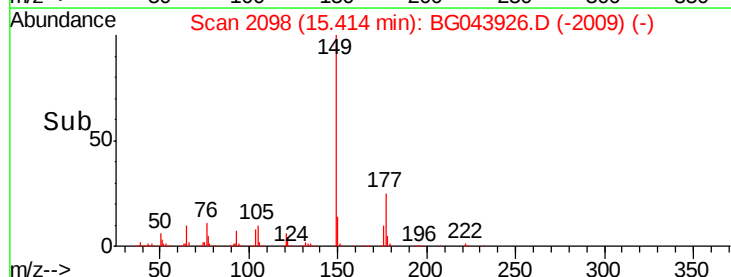
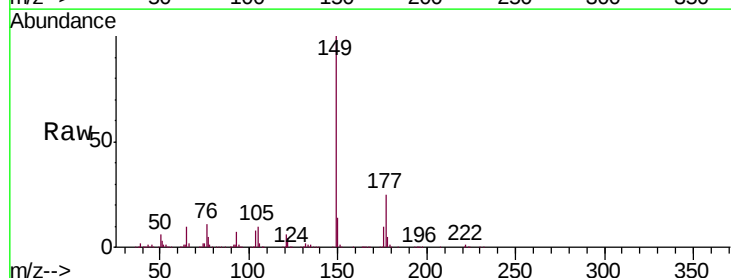
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

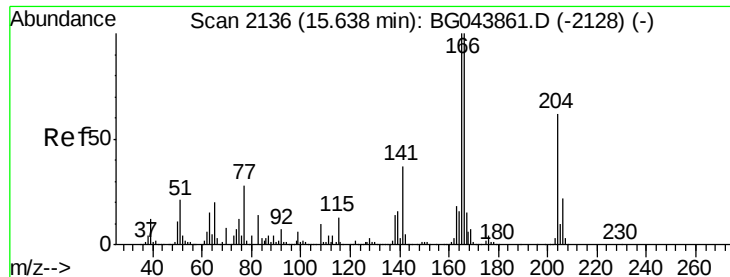
Tgt Ion: 232 Resp: 271846
Ion Ratio Lower Upper
232 100
131 46.6 38.2 57.2
130 2.8 2.2 3.2
166 32.9 26.4 39.6



#60
Diethylphthalate
Concen: 41.474 ng
RT: 15.41 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

Tgt Ion: 149 Resp: 1111129
Ion Ratio Lower Upper
149 100
177 24.8 20.0 30.0
150 13.8 11.1 16.7

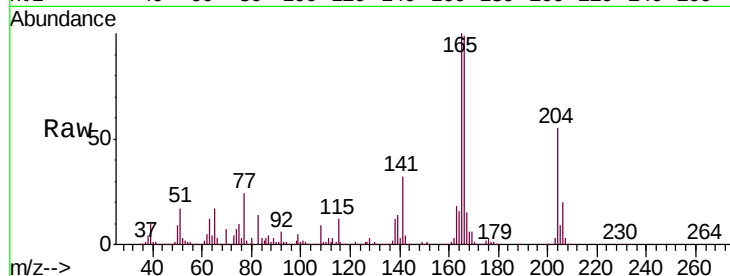




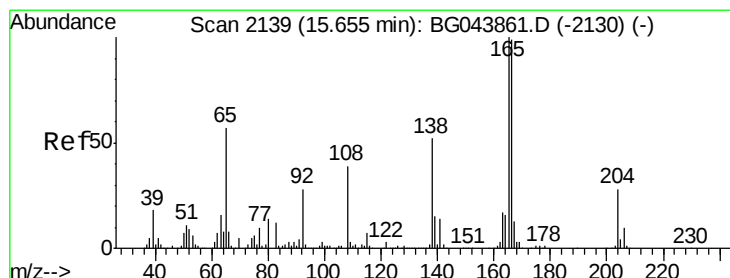
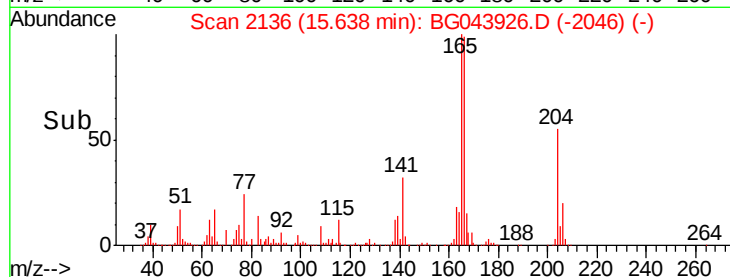
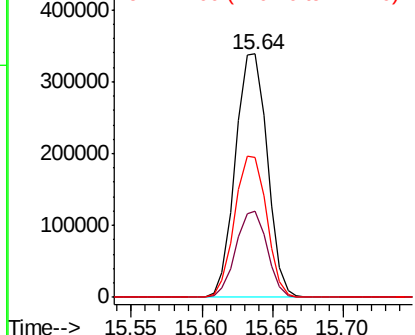
#61
4-Chlorophenyl-phenylether
Concen: 40.955 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 534557
Ion Ratio Lower Upper
204 100
206 35.3 28.2 42.2
141 57.6 48.2 72.2

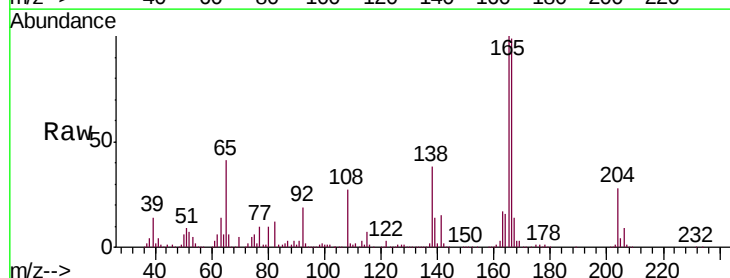


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

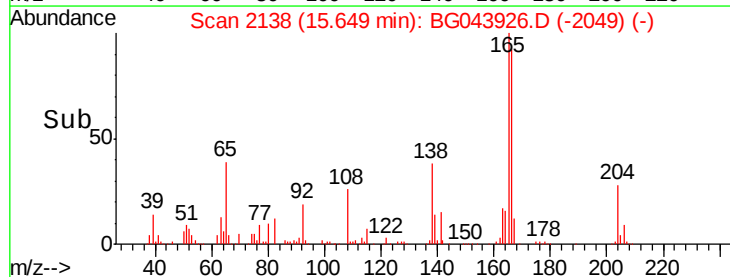
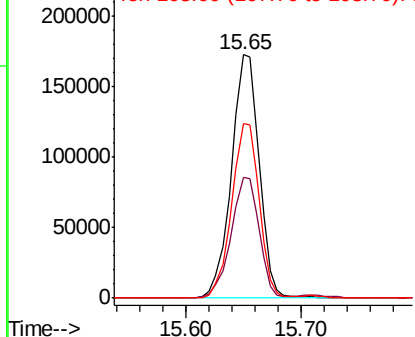


#62
4-Nitroaniline
Concen: 42.349 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

Tgt Ion:138 Resp: 287520
Ion Ratio Lower Upper
138 100
92 49.8 34.3 74.3
108 71.9 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: 41.164 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG043926.D

Acq: 6 Jan 2020 10:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 1022760

Ion	Ratio	Lower	Upper
77	100		
182	26.7	7.3	47.3
105	23.9	3.2	43.2
51	30.6	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

1000000

800000

600000

400000

200000

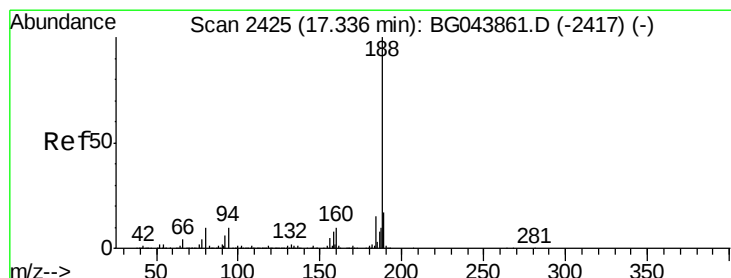
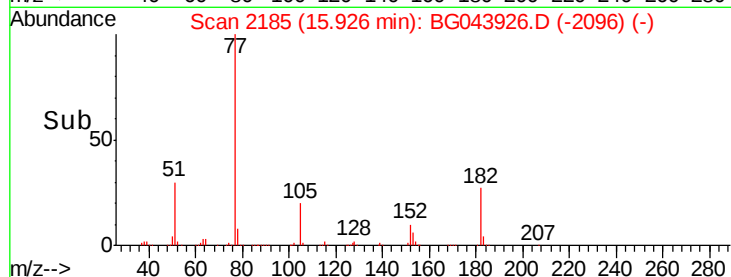
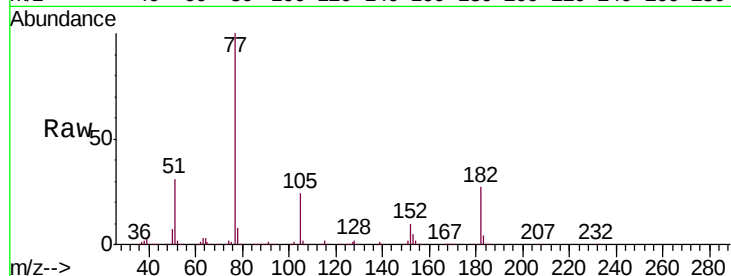
0

15.90

15.93

16.00

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2425

Delta R.T. -0.00 min

Lab File: BG043926.D

Acq: 6 Jan 2020 10:33

Tgt Ion: 188 Resp: 788385

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.9	11.9
80	10.5	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

600000

400000

200000

0

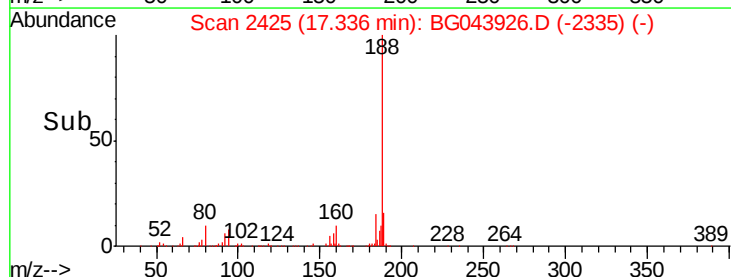
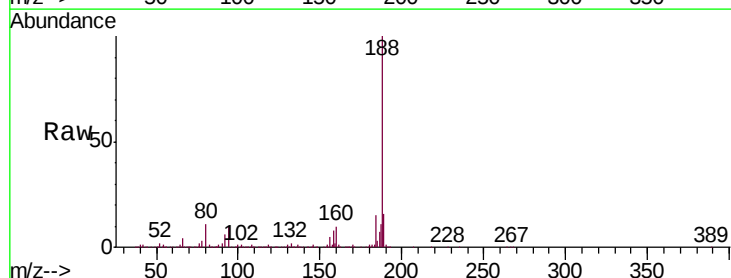
17.25

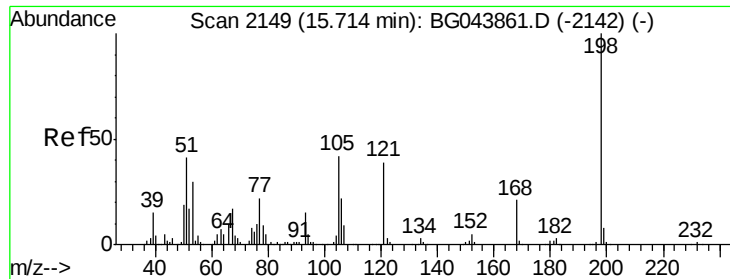
17.30

17.34

17.40

Time-->

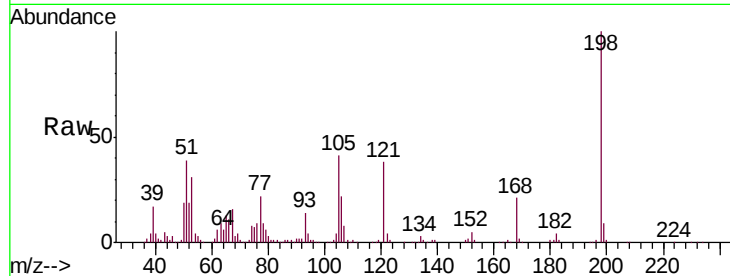




#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.755 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BG043926.D
 Acq: 6 Jan 2020 10:33

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
198	100		
51	39.1	22.5	62.5
105	40.8	22.3	62.3

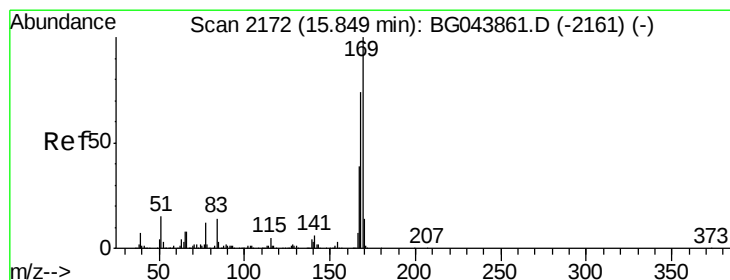
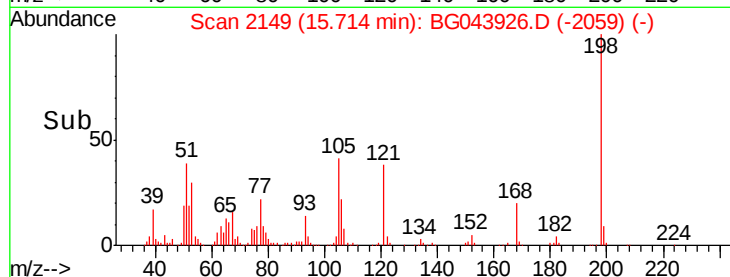
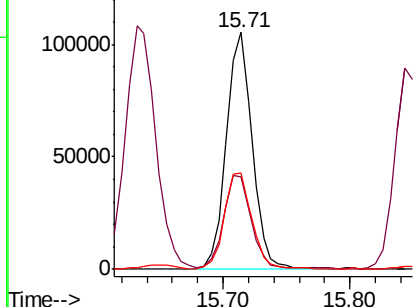


Abundance

Ion 198.00 (197.70 to 198.70): E

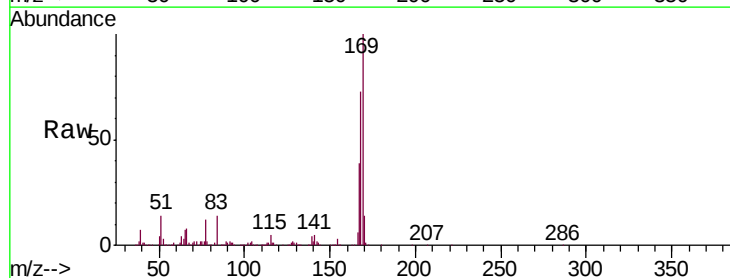
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 39.780 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BG043926.D
 Acq: 6 Jan 2020 10:33

Tgt Ion	Ratio	Lower	Upper
169	100		
168	73.4	59.0	88.6
167	39.2	31.4	47.0

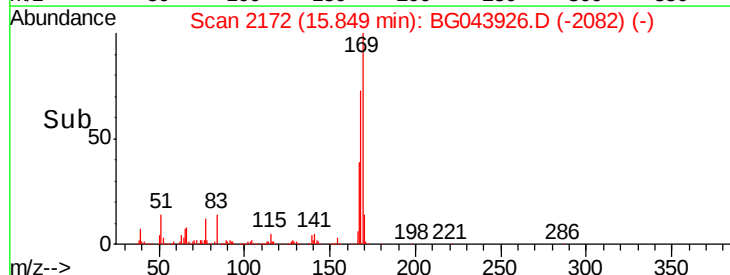
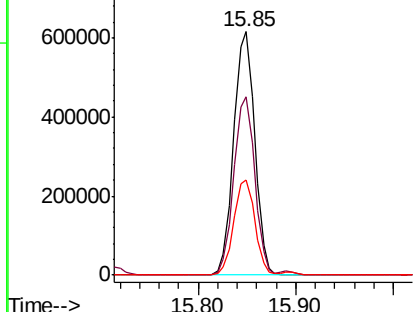


Abundance

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

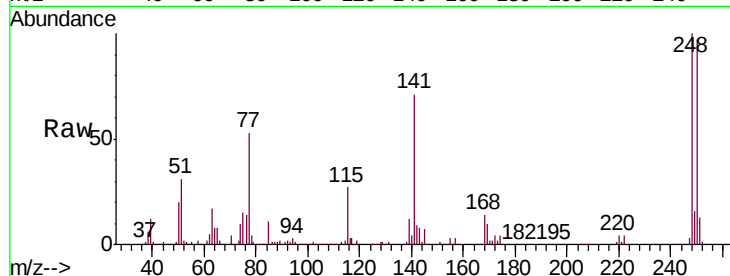




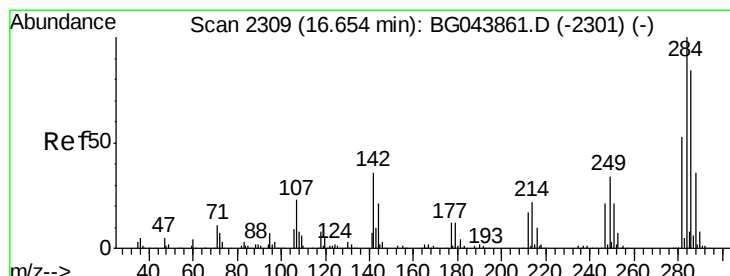
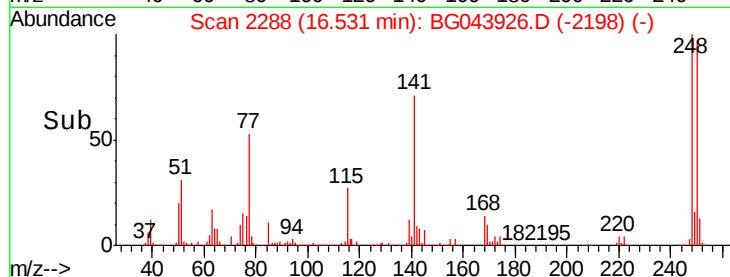
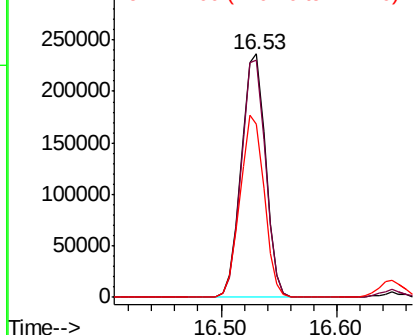
#67
 4-Bromophenyl-phenylether
 Concen: 38.885 ng
 RT: 16.53 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BG043926.D
 Acq: 6 Jan 2020 10:33

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion:248 Resp: 344792
 Ion Ratio Lower Upper
 248 100
 250 97.3 78.2 117.2
 141 71.4 59.3 88.9

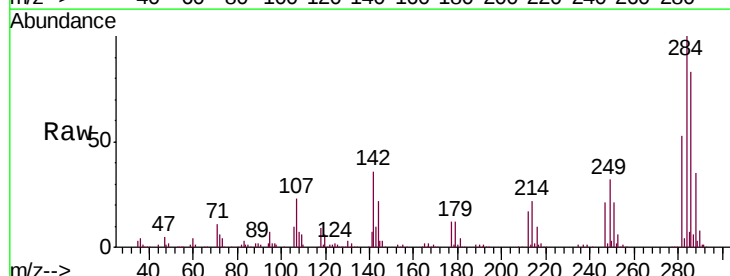


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

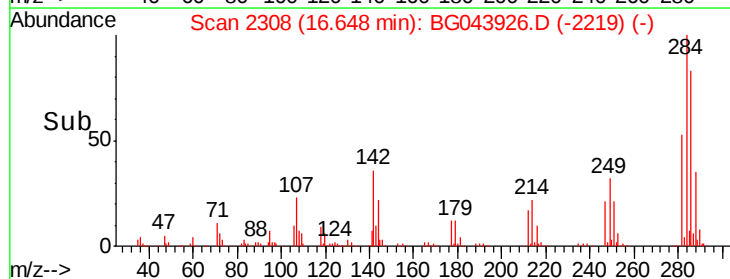
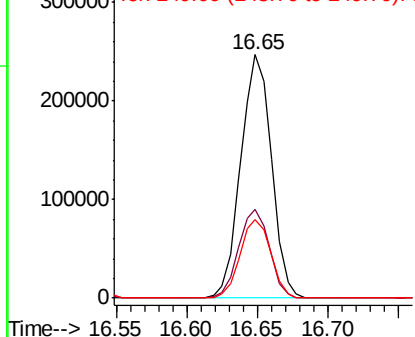


#68
 Hexachlorobenzene
 Concen: 39.355 ng
 RT: 16.65 min Scan# 2308
 Delta R.T. -0.01 min
 Lab File: BG043926.D
 Acq: 6 Jan 2020 10:33

Tgt Ion:284 Resp: 376013
 Ion Ratio Lower Upper
 284 100
 142 36.3 28.6 43.0
 249 32.0 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

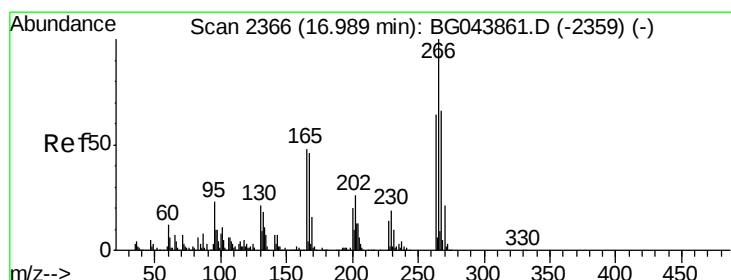
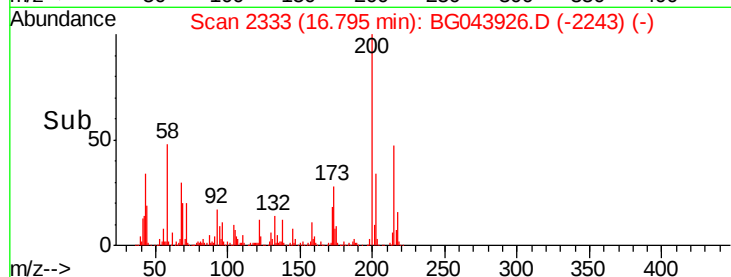
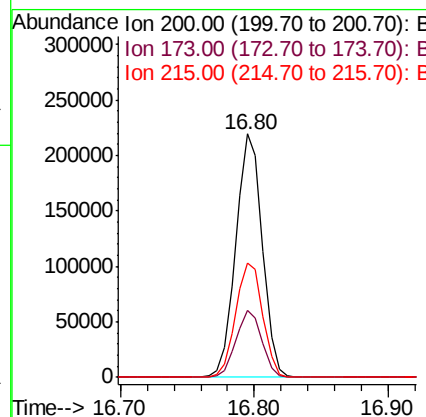
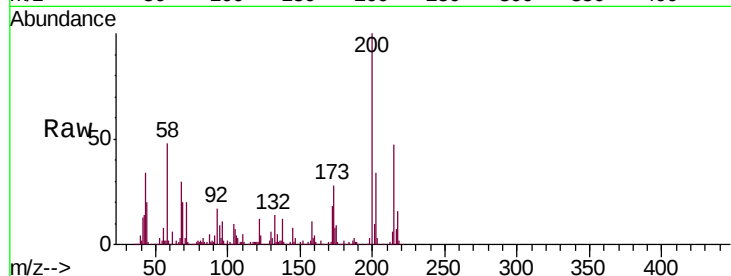




#69
 Atrazine
 Concen: 40.352 ng
 RT: 16.80 min Scan# 2333
 Delta R.T. -0.00 min
 Lab File: BG043926.D
 Acq: 6 Jan 2020 10:33

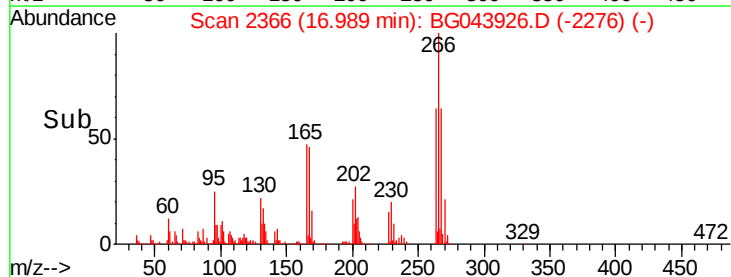
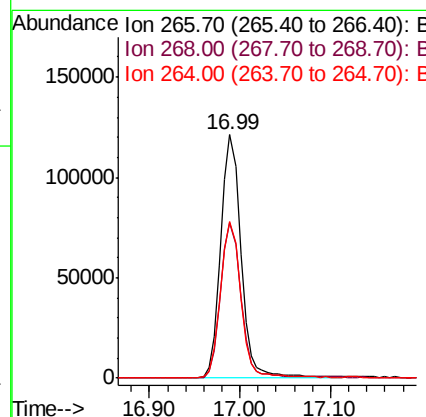
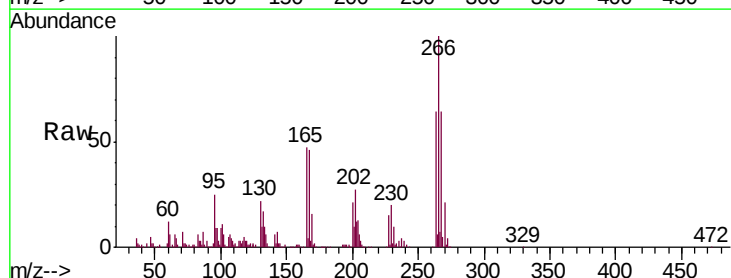
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.6	6.6	46.6
215	47.2	28.6	68.6



#70
 Pentachlorophenol
 Concen: 36.159 ng
 RT: 16.99 min Scan# 2366
 Delta R.T. -0.00 min
 Lab File: BG043926.D
 Acq: 6 Jan 2020 10:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	52.6	79.0
264	64.2	50.8	76.2

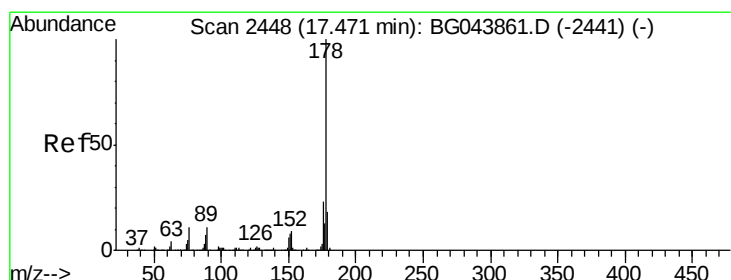
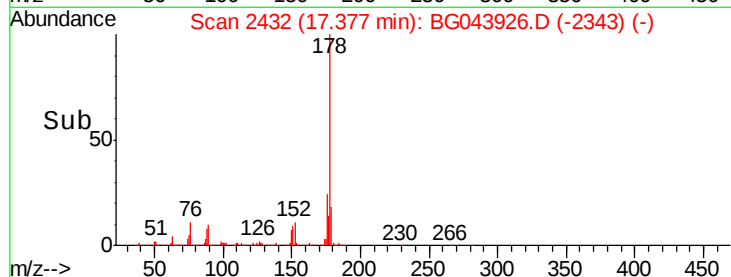
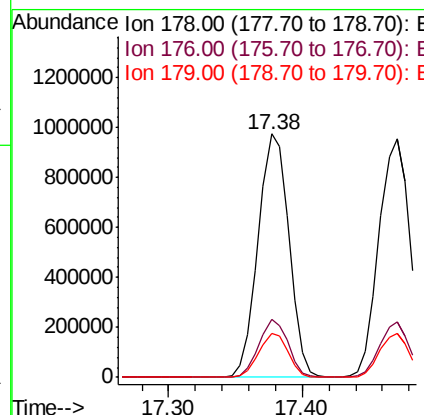
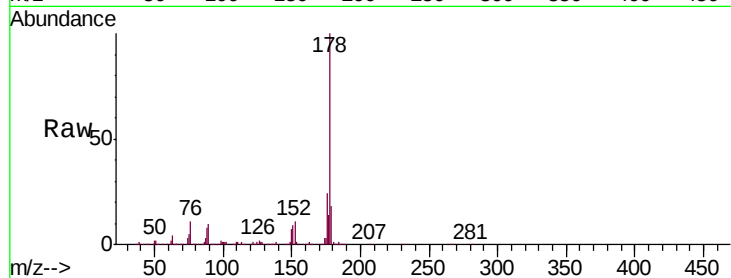




#71
Phenanthrene
Concen: 41.074 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

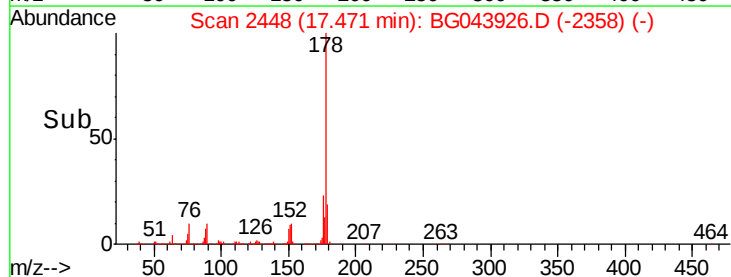
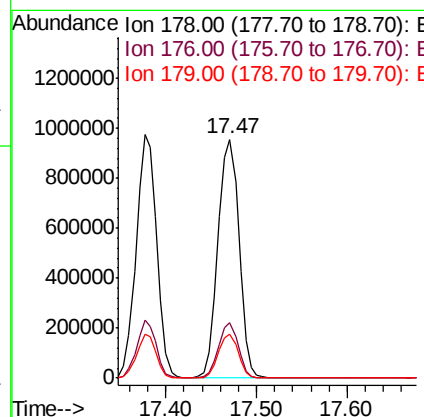
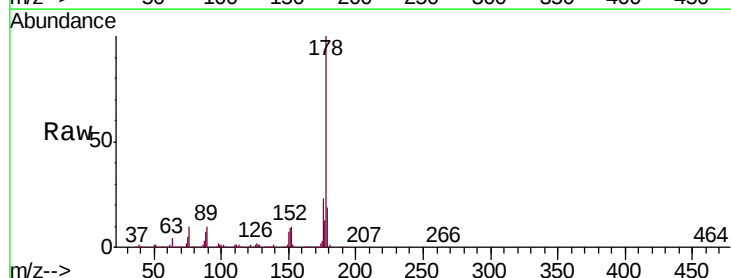
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

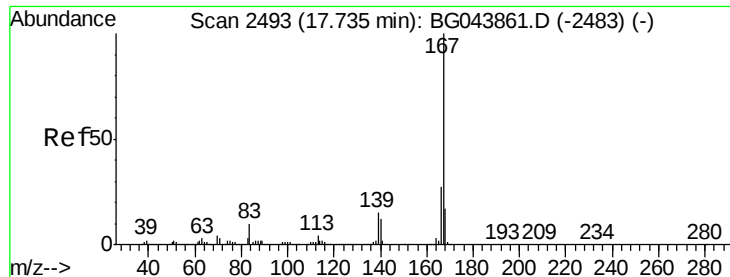
Tgt Ion:178 Resp: 1553206
Ion Ratio Lower Upper
178 100
176 23.7 18.6 28.0
179 18.2 14.4 21.6



#72
Anthracene
Concen: 41.275 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

Tgt Ion:178 Resp: 1542531
Ion Ratio Lower Upper
178 100
176 23.3 18.3 27.5
179 18.5 14.6 22.0

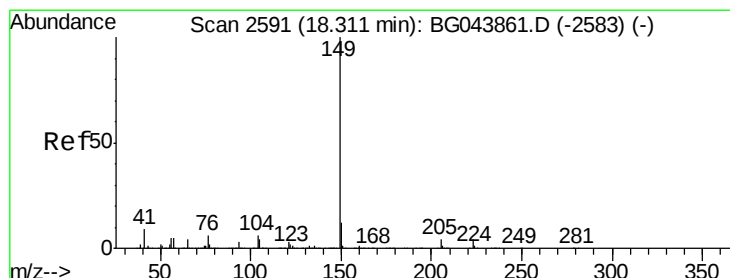
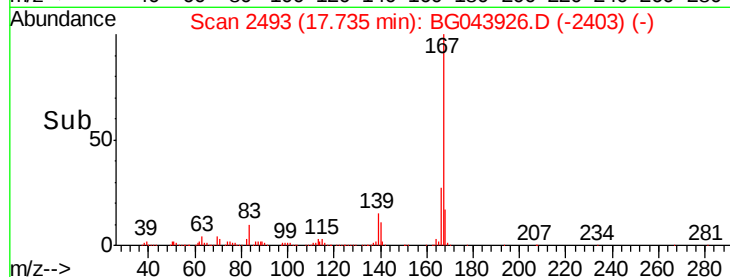
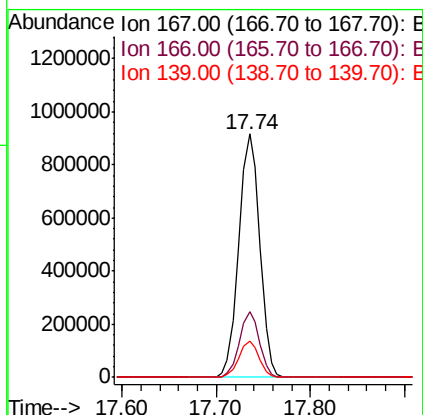
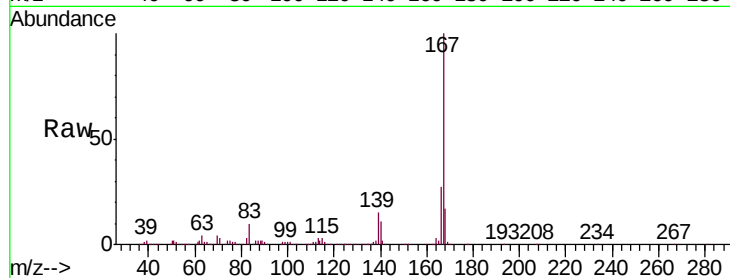




#73
 Carbazole
 Concen: 41.133 ng
 RT: 17.74 min Scan# 2493
 Delta R.T. -0.00 min
 Lab File: BG043926.D
 Acq: 6 Jan 2020 10:33

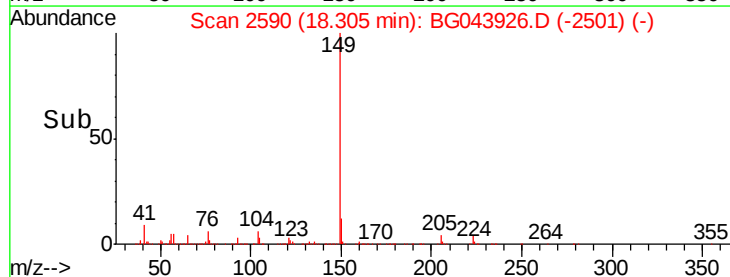
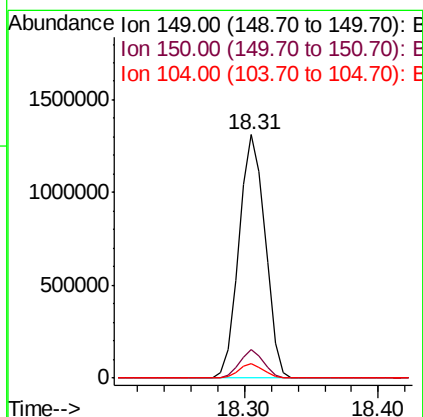
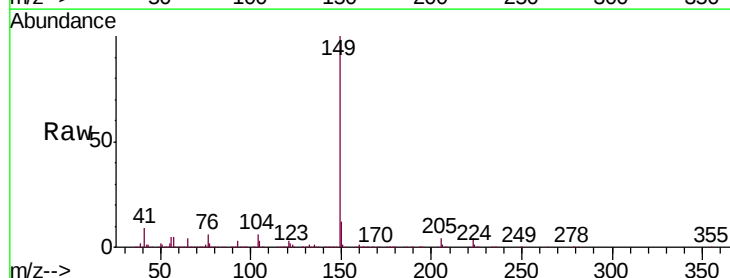
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

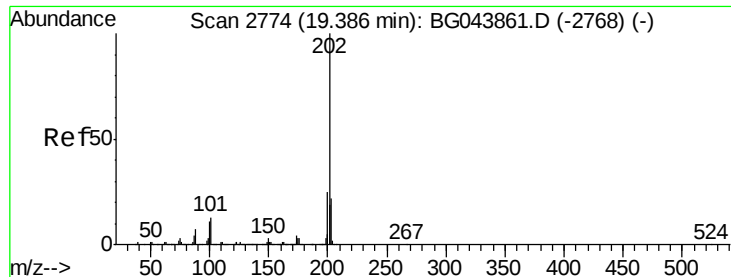
Tgt Ion:167 Resp: 1419972
 Ion Ratio Lower Upper
 167 100
 166 26.7 21.6 32.4
 139 14.8 12.1 18.1



#74
 Di-n-butylphthalate
 Concen: 40.290 ng
 RT: 18.31 min Scan# 2590
 Delta R.T. -0.01 min
 Lab File: BG043926.D
 Acq: 6 Jan 2020 10:33

Tgt Ion:149 Resp: 1775793
 Ion Ratio Lower Upper
 149 100
 150 11.7 9.7 14.5
 104 6.1 5.0 7.4





#75

Fluoranthene

Concen: 39.504 ng

RT: 19.39 min Scan# 2774

Delta R.T. -0.00 min

Lab File: BG043926.D

Acq: 6 Jan 2020 10:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

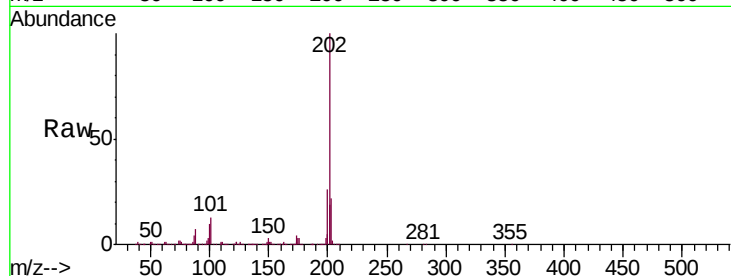
Tgt Ion:202 Resp: 1708434

Ion Ratio Lower Upper

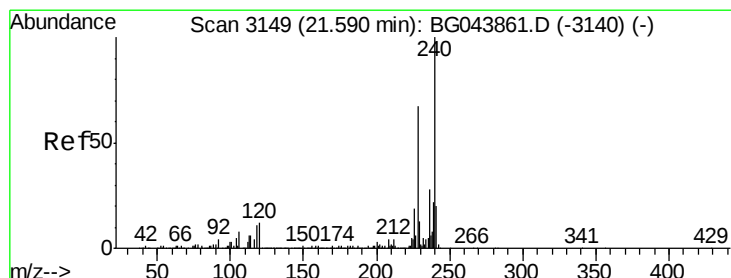
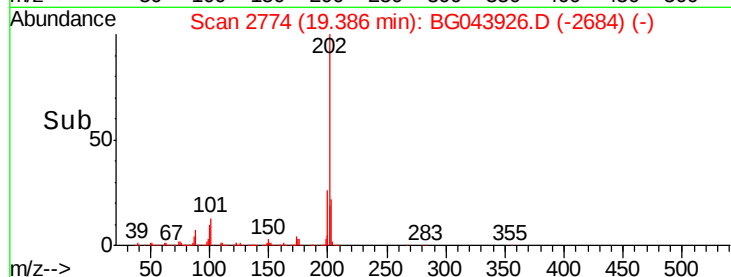
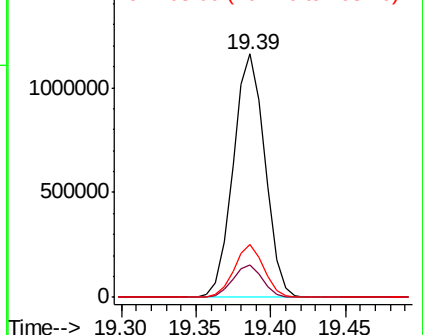
202 100

101 13.4 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: BG043926.D

Acq: 6 Jan 2020 10:33

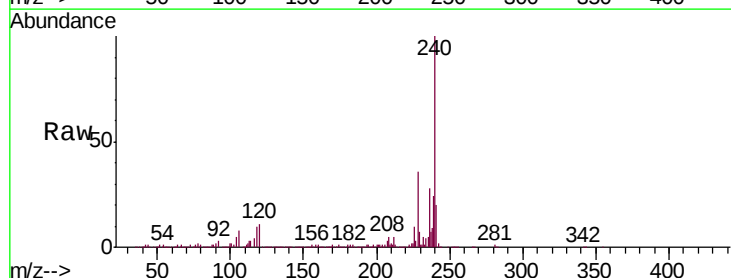
Tgt Ion:240 Resp: 664340

Ion Ratio Lower Upper

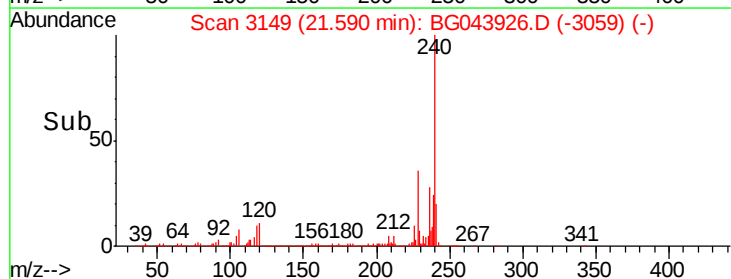
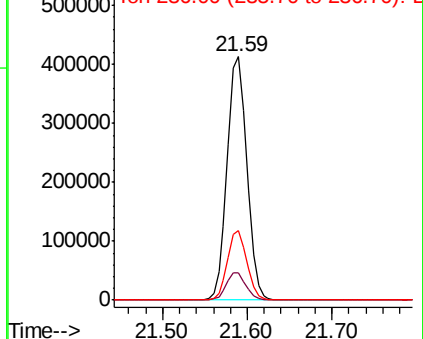
240 100

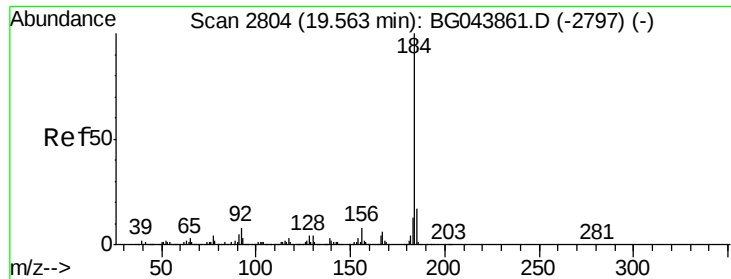
120 11.1 9.6 14.4

236 28.5 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: 35.060 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BG043926.D

Acq: 6 Jan 2020 10:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

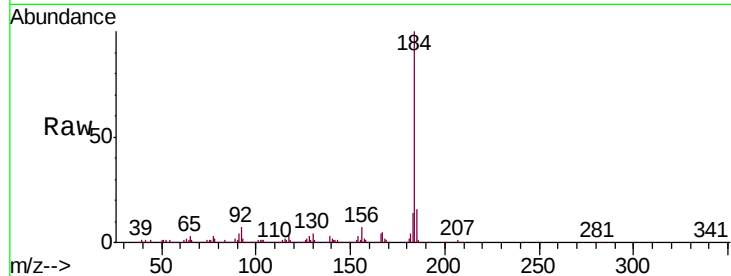
Tgt Ion:184 Resp: 585451

Ion Ratio Lower Upper

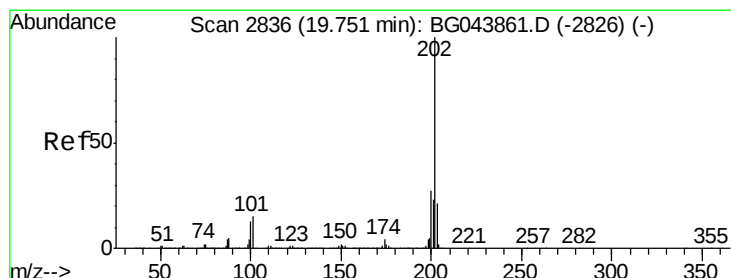
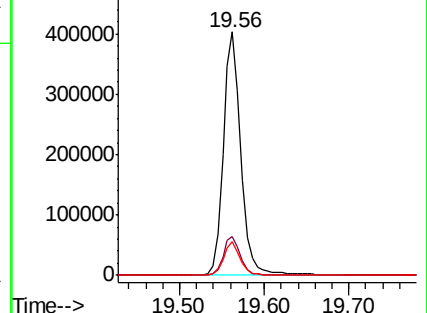
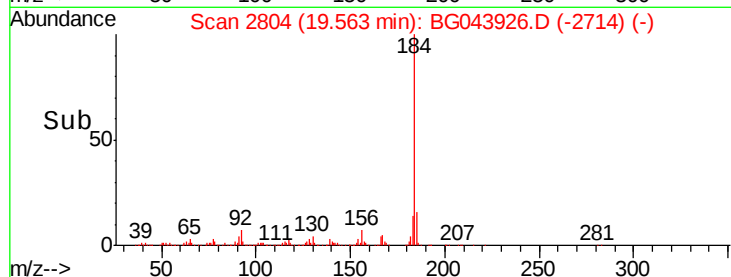
184 100

185 16.0 13.4 20.0

183 13.7 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



#78

Pyrene

Concen: 39.806 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG043926.D

Acq: 6 Jan 2020 10:33

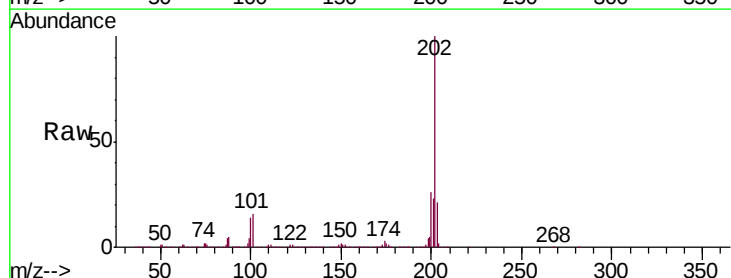
Tgt Ion:202 Resp: 1726167

Ion Ratio Lower Upper

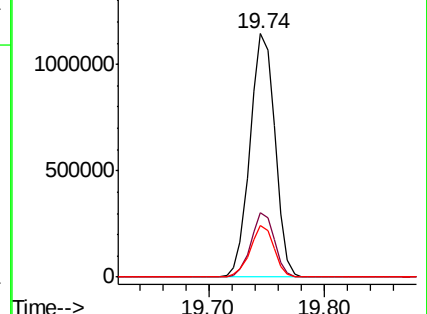
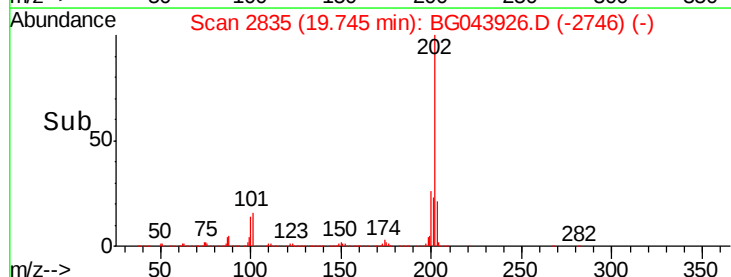
202 100

200 26.5 21.7 32.5

203 21.5 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





#79

Terphenyl-d14

Concen: 81.766 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG043926.D

Acq: 6 Jan 2020 10:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

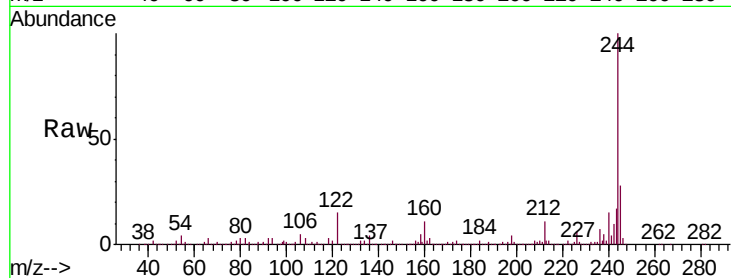
Tgt Ion:244 Resp: 2275978

Ion Ratio Lower Upper

244 100

212 10.5 8.6 13.0

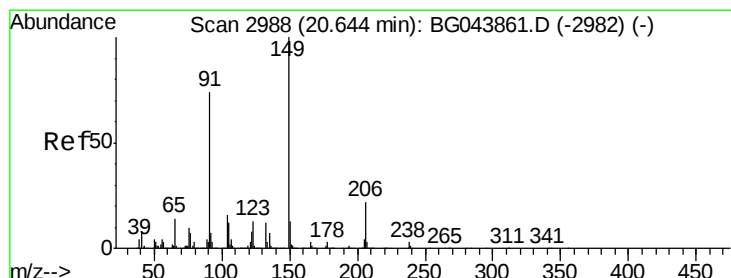
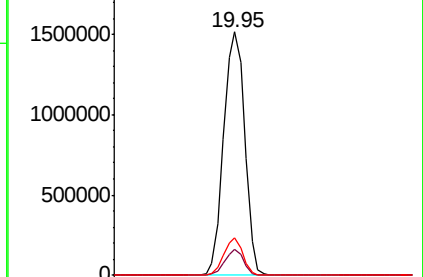
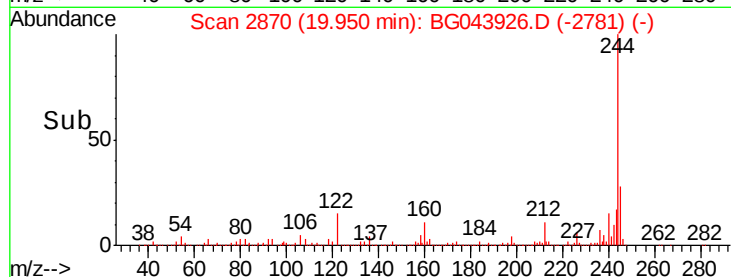
122 15.2 11.9 17.9



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: 40.873 ng

RT: 20.64 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BG043926.D

Acq: 6 Jan 2020 10:33

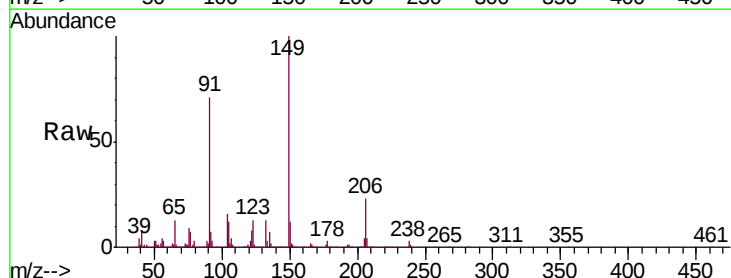
Tgt Ion:149 Resp: 843843

Ion Ratio Lower Upper

149 100

91 71.3 59.5 89.3

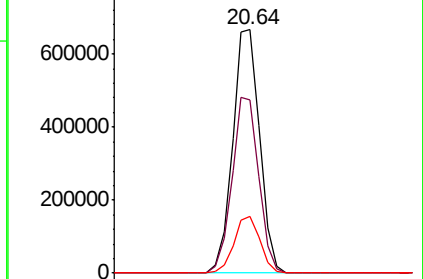
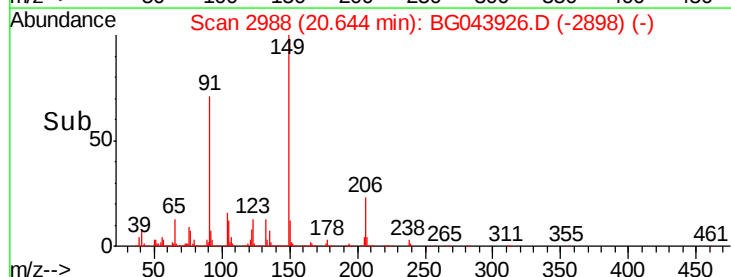
206 23.4 17.8 26.6

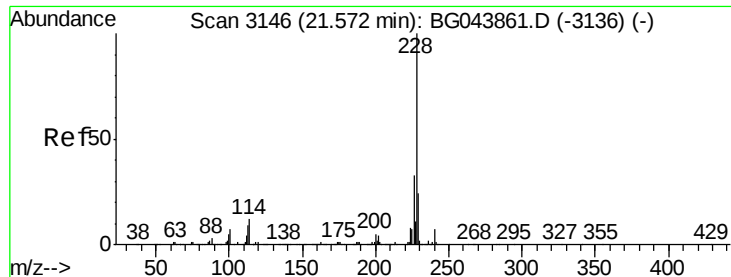


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

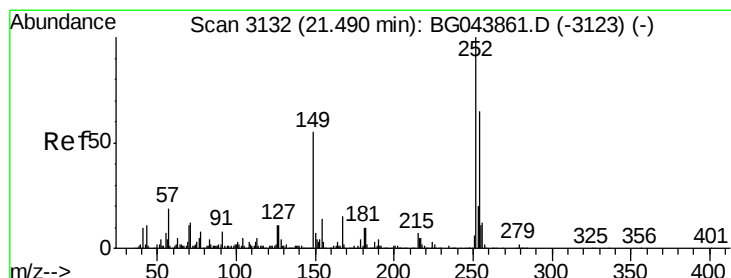
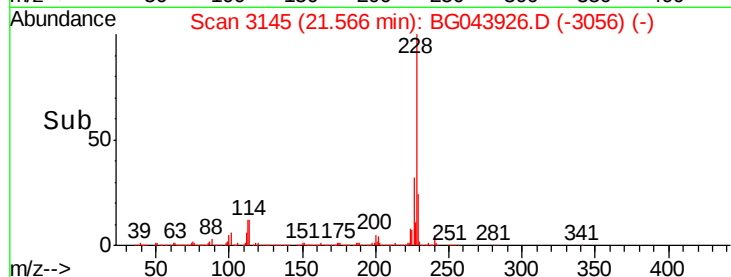
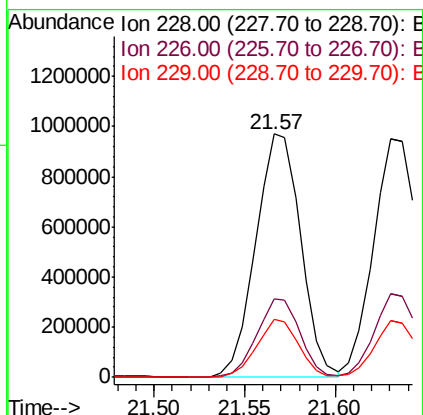
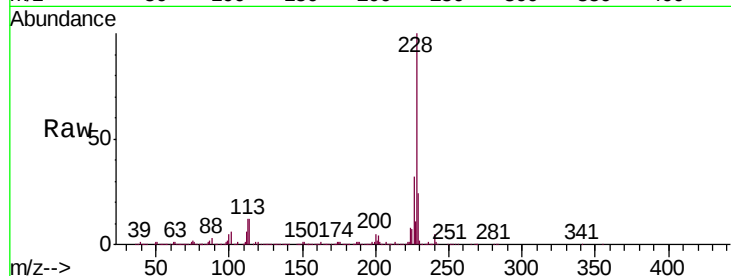




#81
Benzo(a)anthracene
Concen: 40.638 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

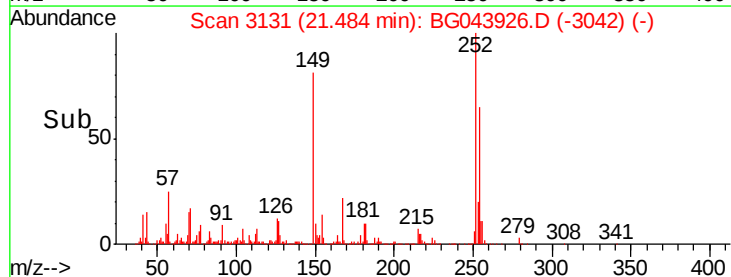
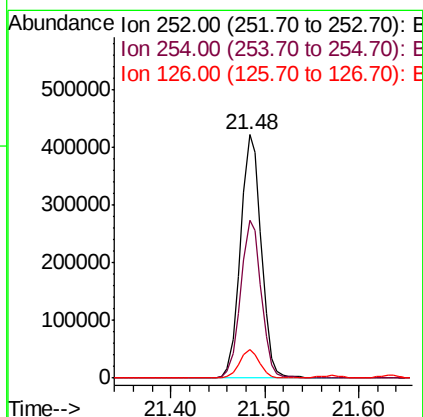
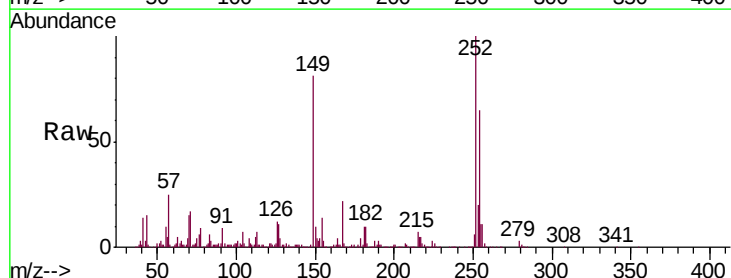
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

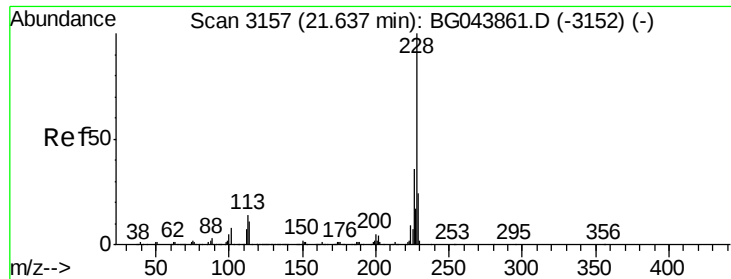
Tgt Ion:228 Resp: 1674014
Ion Ratio Lower Upper
228 100
226 32.4 26.2 39.4
229 23.6 18.9 28.3



#82
3,3'-Dichlorobenzidine
Concen: 39.701 ng
RT: 21.48 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

Tgt Ion:252 Resp: 646119
Ion Ratio Lower Upper
252 100
254 64.9 52.1 78.1
126 11.7 9.1 13.7





#83

Chrysene

Concen: 41.353 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG043926.D

Acq: 6 Jan 2020 10:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

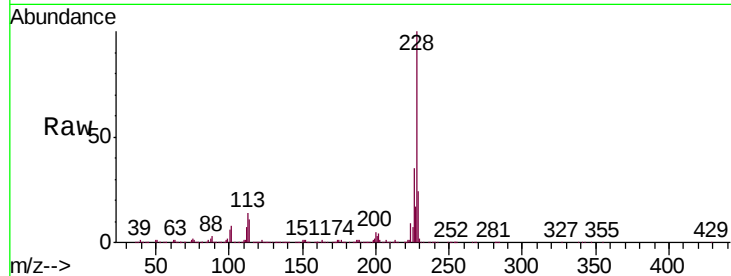
Tgt Ion:228 Resp: 1618633

Ion Ratio Lower Upper

228 100

226 35.1 28.8 43.2

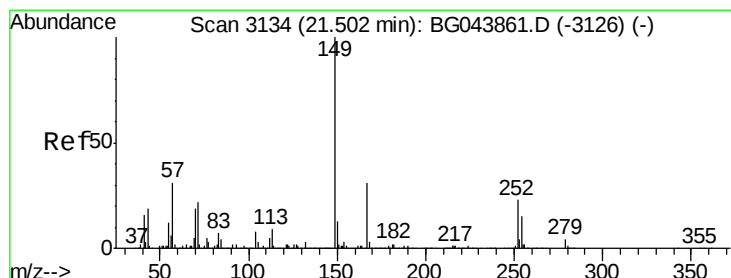
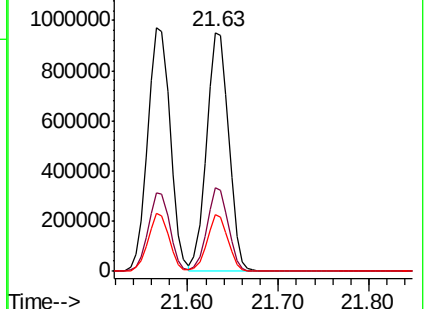
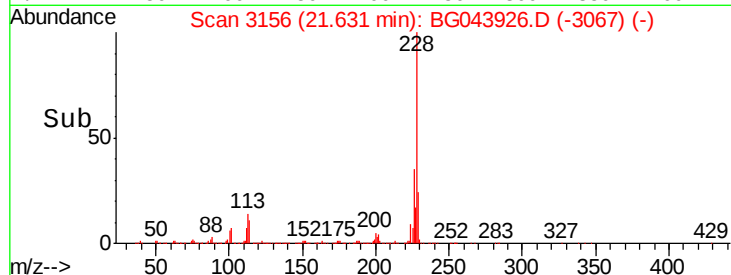
229 23.8 19.0 28.6



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: 40.795 ng

RT: 21.50 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG043926.D

Acq: 6 Jan 2020 10:33

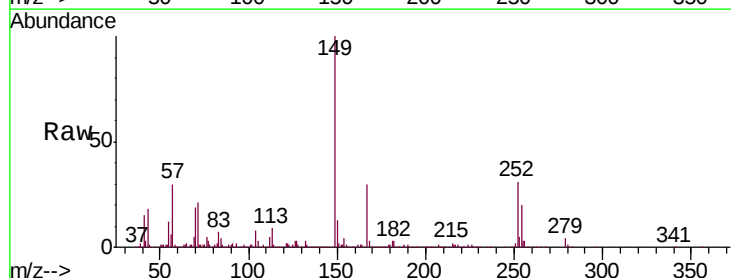
Tgt Ion:149 Resp: 1162106

Ion Ratio Lower Upper

149 100

167 30.4 24.7 37.1

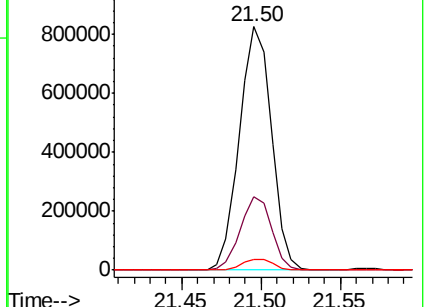
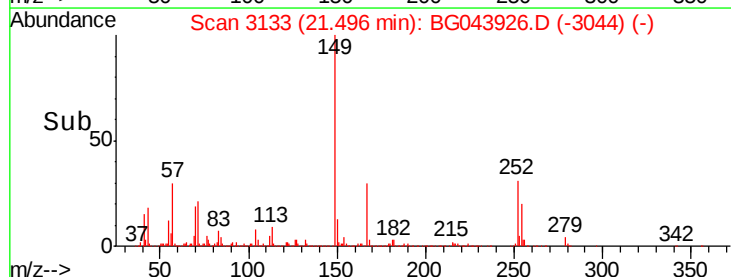
279 4.3 3.3 4.9

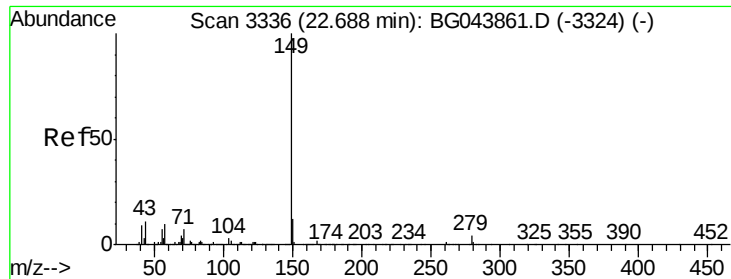


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.397 ng

RT: 22.68 min Scan# 3335

Delta R.T. -0.01 min

Lab File: BG043926.D

Acq: 6 Jan 2020 10:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

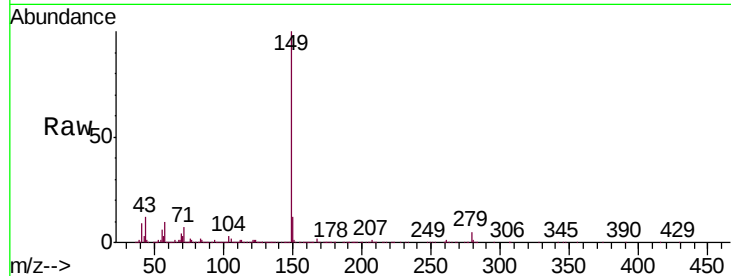
Tgt Ion:149 Resp: 1982511

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

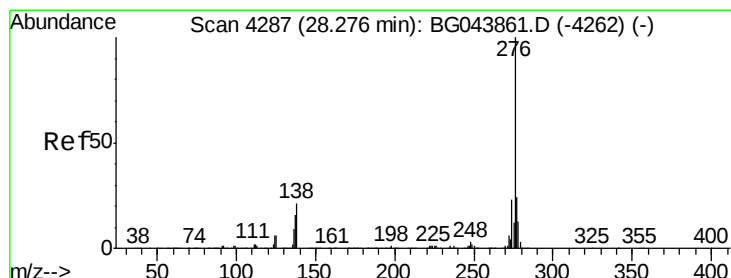
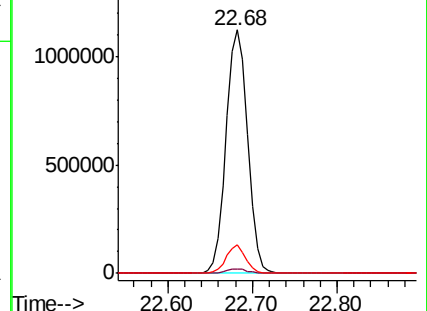
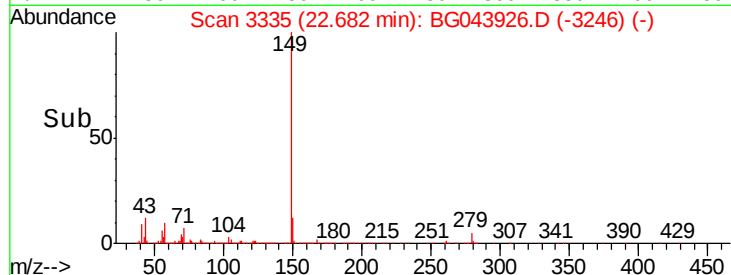
43 10.5 8.8 13.2



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: 39.211 ng

RT: 28.26 min Scan# 4284

Delta R.T. -0.02 min

Lab File: BG043926.D

Acq: 6 Jan 2020 10:33

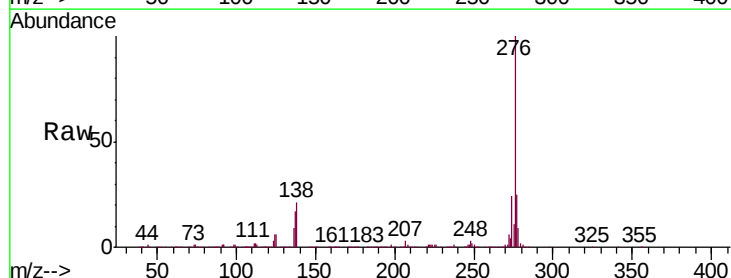
Tgt Ion:276 Resp: 2085816

Ion Ratio Lower Upper

276 100

138 16.7 21.0 31.4#

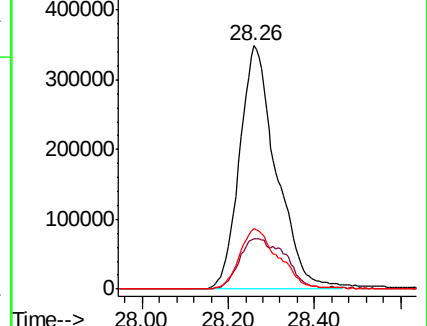
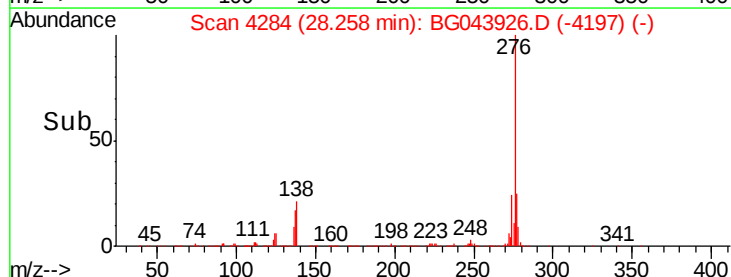
277 26.2 21.1 31.7



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

Perylene-d12

Concen: 20.000 ng

RT: 24.72 min Scan# 3681

Delta R.T. -0.01 min

Lab File: BG043926.D

Acq: 6 Jan 2020 10:33

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

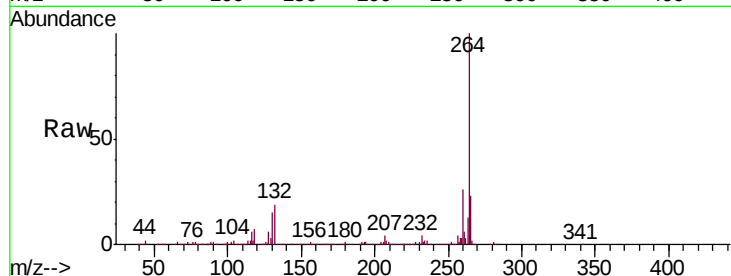
Tgt Ion:264 Resp: 764891

Ion Ratio Lower Upper

264 100

260 25.7 20.4 30.6

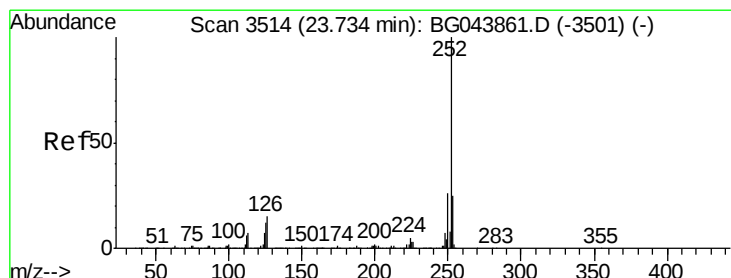
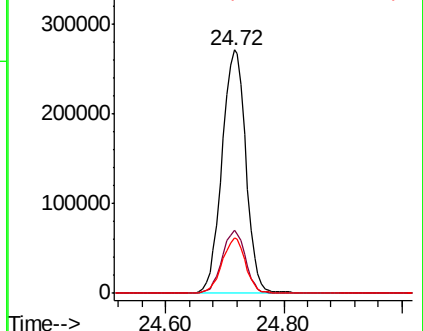
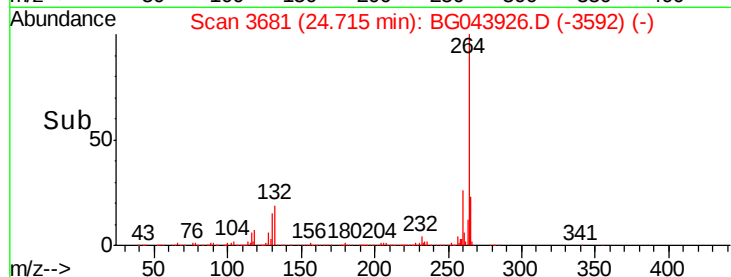
265 23.0 17.4 26.2



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: 39.527 ng

RT: 23.73 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BG043926.D

Acq: 6 Jan 2020 10:33

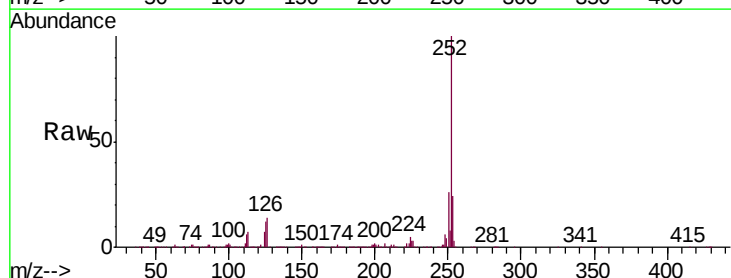
Tgt Ion:252 Resp: 1787327

Ion Ratio Lower Upper

252 100

253 24.0 19.7 29.5

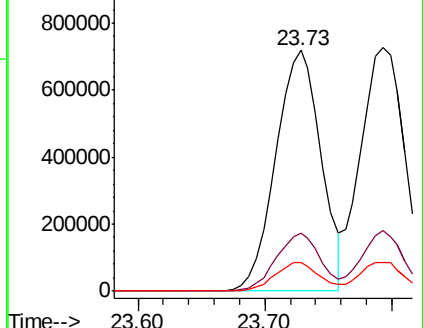
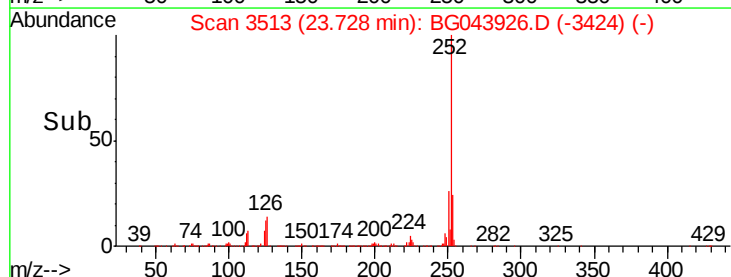
125 12.1 9.4 14.2

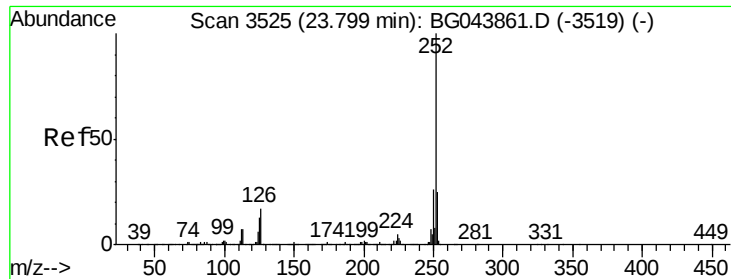


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

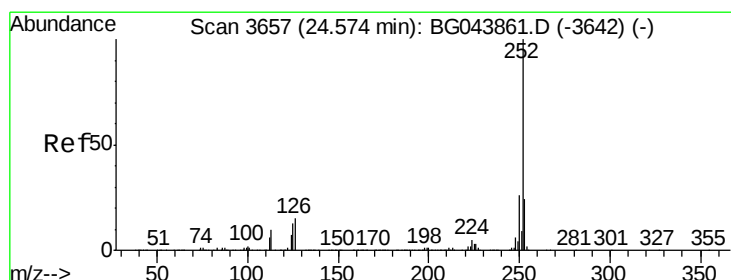
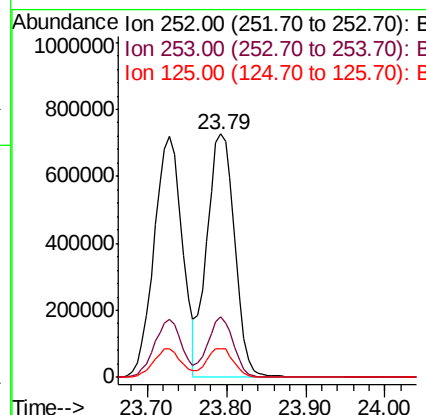
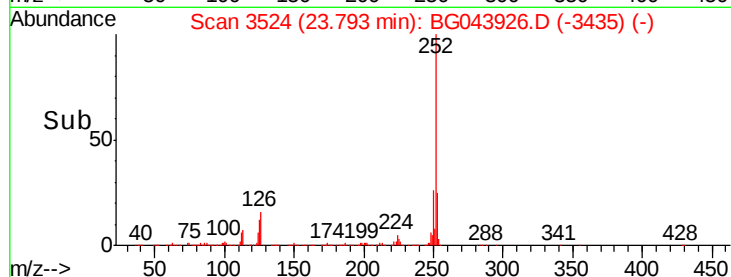
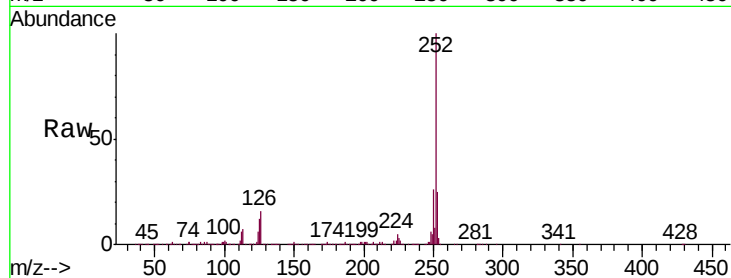




#89
Benzo(k)fluoranthene
Concen: 40.984 ng
RT: 23.79 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

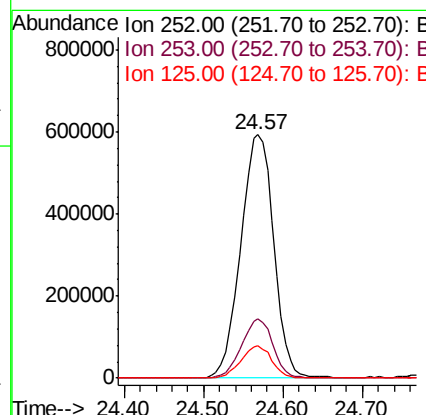
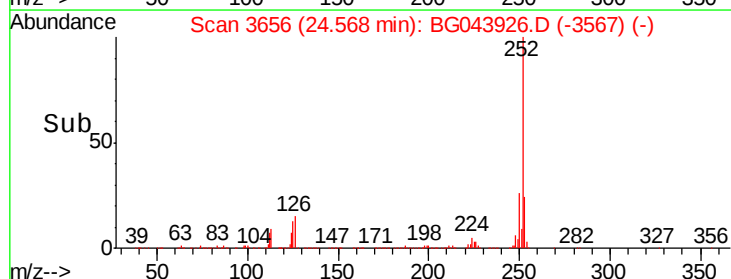
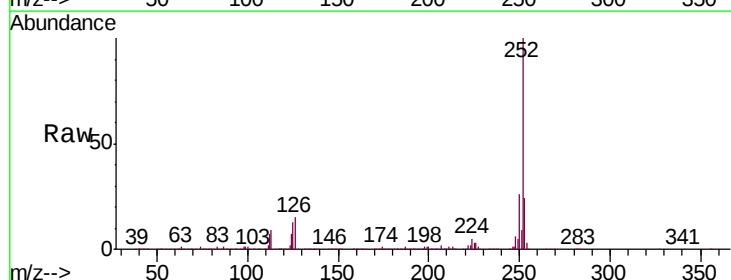
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

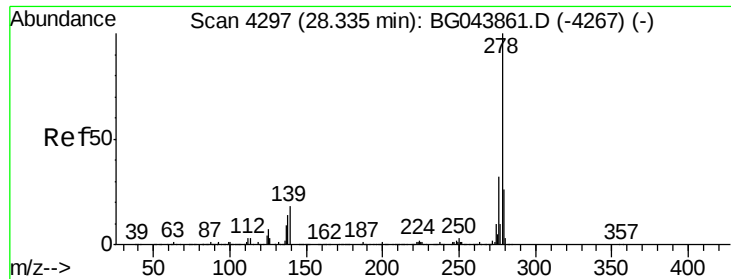
Tgt Ion:252 Resp: 1762290
Ion Ratio Lower Upper
252 100
253 25.1 19.4 29.2
125 11.9 9.9 14.9



#90
Benzo(a)pyrene
Concen: 40.135 ng
RT: 24.57 min Scan# 3656
Delta R.T. -0.01 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

Tgt Ion:252 Resp: 1712905
Ion Ratio Lower Upper
252 100
253 24.2 19.3 28.9
125 13.1 10.4 15.6

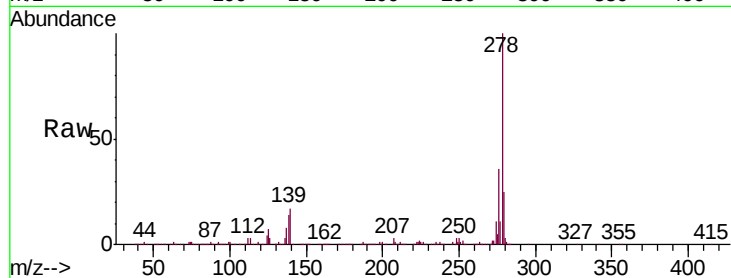




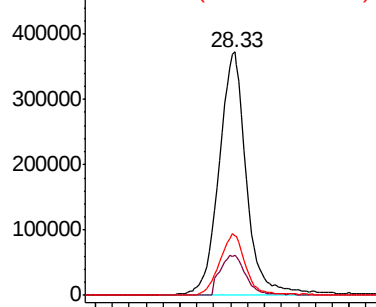
#91
Dibenzo(a,h)anthracene
Concen: 39.483 ng
RT: 28.33 min Scan# 4296
Delta R.T. -0.01 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

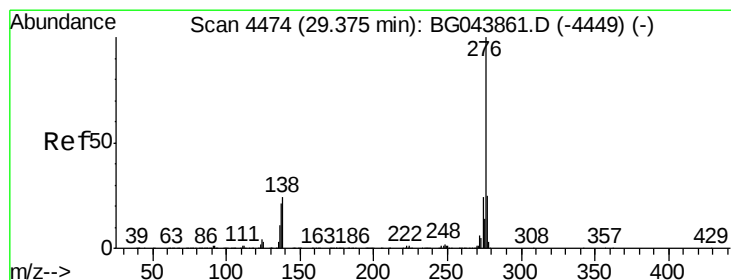
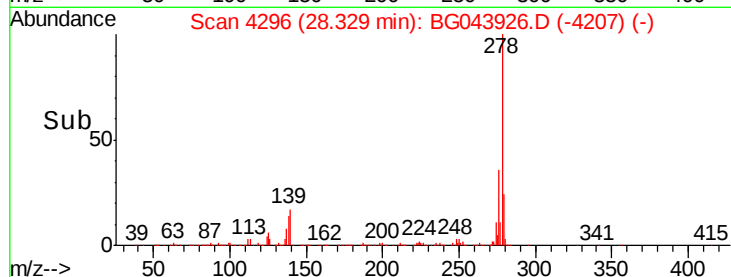
Tgt Ion: 278 Resp: 1692308
Ion Ratio Lower Upper
278 100
139 16.5 14.2 21.4
279 24.5 20.6 30.8



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

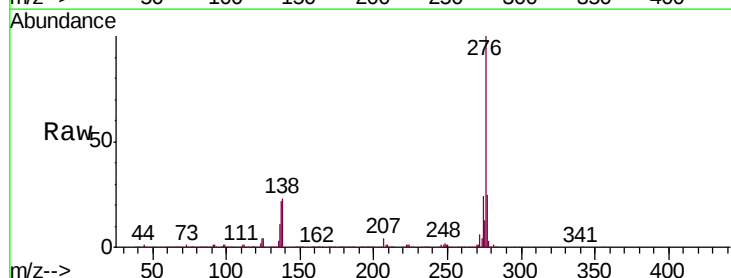


Time--> 28.00 28.20 28.40 28.60

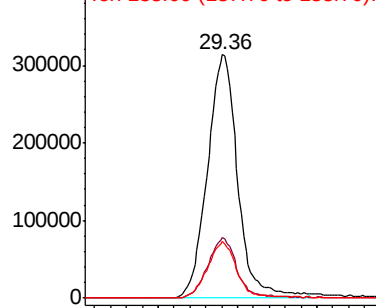


#92
Benzo(g,h,i)perylene
Concen: 38.943 ng
RT: 29.36 min Scan# 4472
Delta R.T. -0.01 min
Lab File: BG043926.D
Acq: 6 Jan 2020 10:33

Tgt Ion: 276 Resp: 1657995
Ion Ratio Lower Upper
276 100
277 24.8 20.2 30.4
138 23.3 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



Time--> 29.20 29.40 29.60

