

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011620\
 Data File : BG044073.D
 Acq On : 16 Jan 2020 17:59
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jan 17 09:54:09 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	7.95	152	177304	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	713607	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	432559	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	866771	20.00	ng	-0.01
76) Chrysene-d12	21.58	240	756915	20.00	ng	-0.01
87) Perylene-d12	24.69	264	896486	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	792546	82.07	ng	-0.01
7) Phenol-d6	7.12	99	1066685	79.03	ng	0.00
23) Nitrobenzene-d5	9.10	82	1001118	75.05	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	389643	86.08	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	1927625	80.74	ng	-0.02
79) Terphenyl-d14	19.94	244	2390138	73.31	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.43	88	159906	37.979	ng	98
3) Pyridine	3.83	79	470002	37.787	ng	92
4) n-Nitrosodimethylamine	3.73	42	201851	36.450	ng	96
6) Aniline	7.27	93	673412	37.983	ng	100
8) 2-Chlorophenol	7.52	128	453808	40.031	ng	98
9) Benzaldehyde	7.08	77	303823	35.169	ng	99
10) Phenol	7.15	94	540669	38.877	ng	99
11) bis(2-Chloroethyl)ether	7.37	93	458382	38.184	ng	99
12) 1,3-Dichlorobenzene	7.84	146	541322	40.805	ng	98
13) 1,4-Dichlorobenzene	7.98	146	529135	40.425	ng	98
14) 1,2-Dichlorobenzene	8.30	146	507641	40.406	ng	99
15) Benzyl Alcohol	8.19	79	399420	37.494	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	672239	36.195	ng	99
17) 2-Methylphenol	8.39	107	389190	38.671	ng	98
18) Hexachloroethane	9.03	117	207863	40.812	ng	96
19) n-Nitroso-di-n-propylamine	8.76	70	351335	34.951	ng	97
20) 3+4-Methylphenols	8.72	107	535699	38.156	ng	98
22) Acetophenone	8.77	105	672268	37.894	ng	# 99
24) Nitrobenzene	9.15	77	503358	38.099	ng	100
25) Isophorone	9.67	82	915440	36.579	ng	99
26) 2-Nitrophenol	9.86	139	275377	44.056	ng	98
27) 2,4-Dimethylphenol	9.93	122	366097	38.909	ng	99
28) bis(2-Chloroethoxy)methane	10.15	93	616815	36.969	ng	99
29) 2,4-Dichlorophenol	10.40	162	448851	39.992	ng	99
30) 1,2,4-Trichlorobenzene	10.61	180	509195	40.463	ng	99
31) Naphthalene	10.80	128	1362400	39.453	ng	98
32) Benzoic acid	10.10	122	278597	37.877	ng	95
33) 4-Chloroaniline	10.90	127	620320	37.662	ng	99
34) Hexachlorobutadiene	11.09	225	317085	41.269	ng	98
35) Caprolactam	11.70	113	157692	37.742	ng	97
36) 4-Chloro-3-methylphenol	12.04	107	452581	37.879	ng	98
37) 2-Methylnaphthalene	12.41	142	996502	38.330	ng	98
38) 1-Methylnaphthalene	12.62	142	937291	38.039	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	530385	41.834	ng	99

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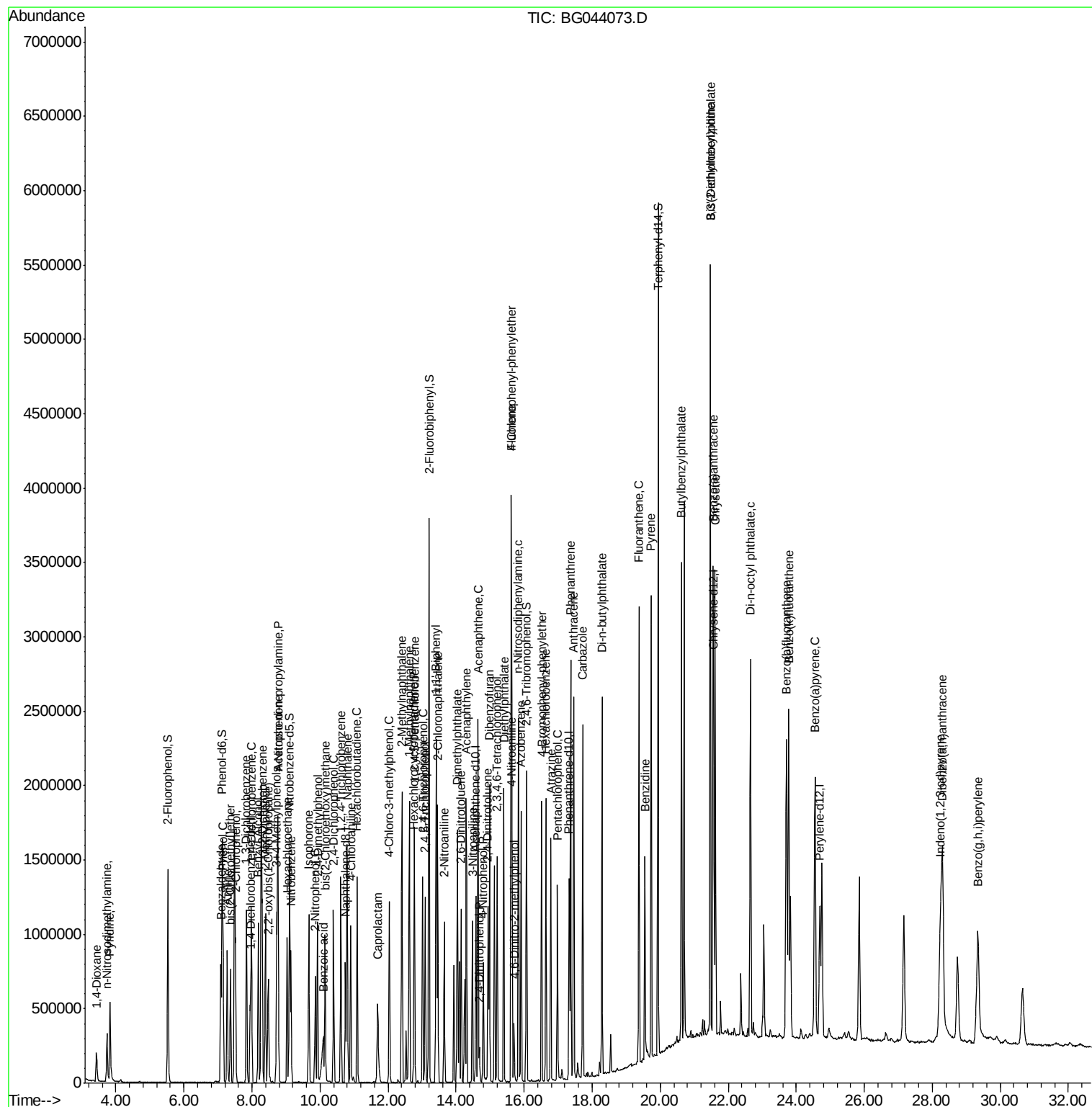
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	133011	20.236	nq	99
43) 2,4,6-Trichlorophenol	13.02	196	361836	41.477	nq	97
44) 2,4,5-Trichlorophenol	13.09	196	366294	40.711	nq	99
46) 1,1'-Biphenyl	13.41	154	1236302	39.863	nq	99
47) 2-Chloronaphthalene	13.46	162	1005006	40.102	nq	99
48) 2-Nitroaniline	13.65	65	314320	38.990	nq	98
49) Acenaphthylene	14.30	152	1431704	39.747	nq	99
50) Dimethylphthalate	14.04	163	1187535	38.665	nq	100
51) 2,6-Dinitrotoluene	14.15	165	273542	39.404	nq	94
52) Acenaphthene	14.65	154	954663	37.793	nq	98
53) 3-Nitroaniline	14.48	138	312471	39.638	nq	96
54) 2,4-Dinitrophenol	14.69	184	60598	21.443	nq	94
55) Dibenzofuran	14.98	168	1365569	39.270	nq	100
56) 4-Nitrophenol	14.80	139	251179	41.580	nq	97
57) 2,4-Dinitrotoluene	14.94	165	387333	41.005	nq	99
58) Fluorene	15.63	166	1066633	38.699	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	311167	40.219	nq	97
60) Diethylphthalate	15.40	149	1189261	38.714	nq	99
61) 4-Chlorophenyl-phenylether	15.62	204	580177	38.766	nq	99
62) 4-Nitroaniline	15.65	138	313655	40.291	nq	96
63) Azobenzene	15.91	77	1074508	37.717	nq	98
65) 4,6-Dinitro-2-methylphenol	15.71	198	96868	24.097	nq	92
66) n-Nitrosodiphenylamine	15.84	169	1000321	39.189	nq	99
67) 4-Bromophenyl-phenylether	16.51	248	385789	39.574	nq	98
68) Hexachlorobenzene	16.64	284	420205	40.003	nq	100
69) Atrazine	16.78	200	307644	37.079	nq	100
70) Pentachlorophenol	16.98	266	248786	42.964	nq	98
71) Phenanthrene	17.37	178	1619381	38.951	nq	98
72) Anthracene	17.46	178	1634087	39.771	nq	99
73) Carbazole	17.72	167	1545779	40.728	nq	100
74) Di-n-butylphthalate	18.29	149	1870221	38.595	nq	99
75) Fluoranthene	19.38	202	1813063	38.132	nq	98
77) Benzidine	19.55	184	903469	47.487	nq	98
78) Pyrene	19.73	202	1841159	37.265	nq	99
80) Butylbenzylphthalate	20.63	149	928402	39.469	nq	99
81) Benzo(a)anthracene	21.55	228	1862827	39.690	nq	98
82) 3,3'-Dichlorobenzidine	21.47	252	724468	39.071	nq	97
83) Chrysene	21.62	228	1758835	39.439	nq	98
84) Bis(2-ethylhexyl)phthalate	21.47	149	1260704	38.843	nq	99
85) Di-n-octyl phthalate	22.65	149	2231966	40.906	nq	100
86) Indeno(1,2,3-cd)pyrene	28.24	276	2292333	37.823	nq	# 74
88) Benzo(b)fluoranthene	23.71	252	2061973	38.907	nq	99
89) Benzo(k)fluoranthene	23.78	252	1915878	38.015	nq	98
90) Benzo(a)pyrene	24.55	252	1941188	38.808	nq	99
91) Dibenzo(a,h)anthracene	28.30	278	1875382	37.332	nq	98
92) Benzo(g,h,i)perylene	29.34	276	1645528	32.977	nq	98

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

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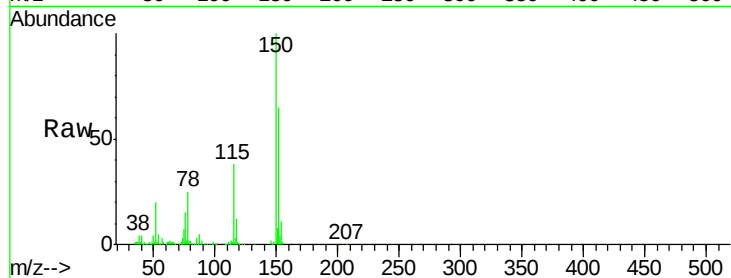


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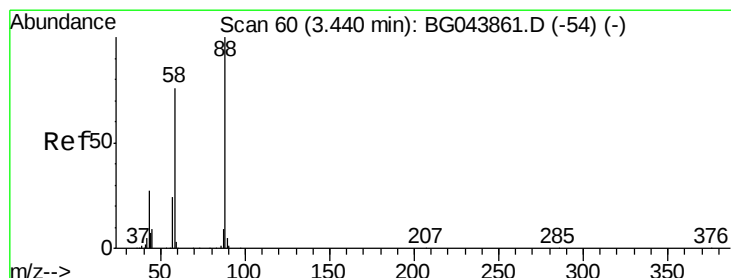
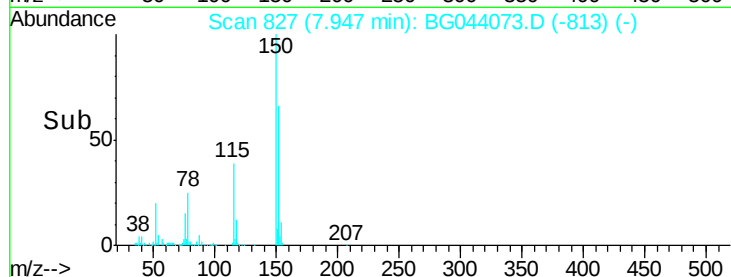
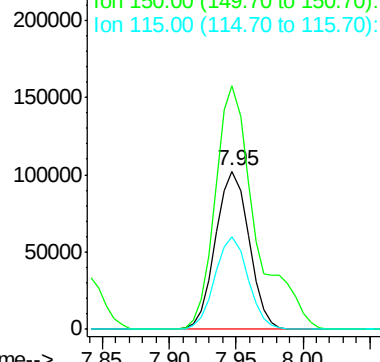
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044073.D
Acq: 16 Jan 2020 17:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:152 Resp: 177304
Ion Ratio Lower Upper
152 100
150 153.9 127.0 190.4
115 58.3 47.8 71.8



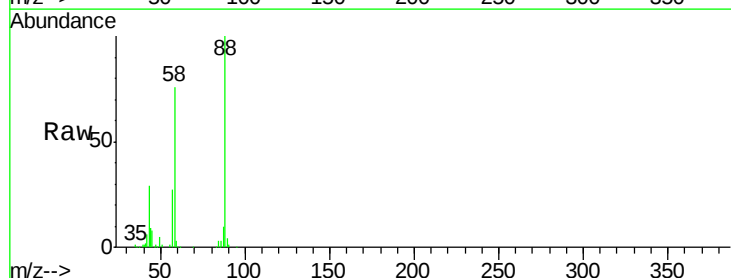
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



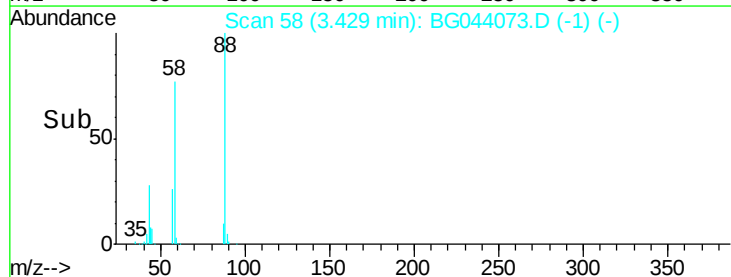
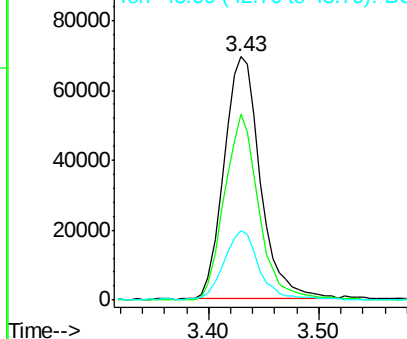
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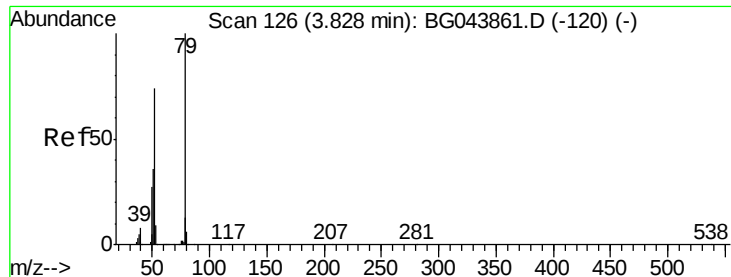
1,4-Dioxane
Concen: 37.979 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.01 min
Lab File: BG044073.D
Acq: 16 Jan 2020 17:59

Tgt Ion: 88 Resp: 159906
Ion Ratio Lower Upper
88 100
58 72.9 59.8 89.8
43 28.4 22.9 34.3



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





#3

Pvridine

Concen: 37.787 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

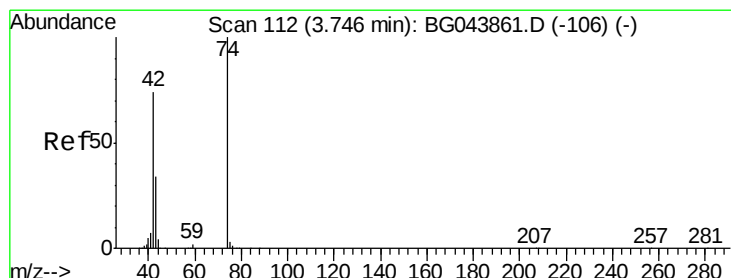
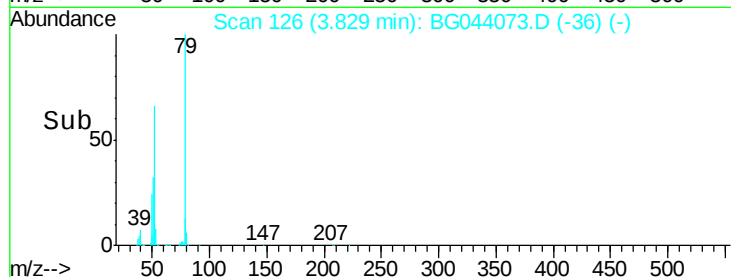
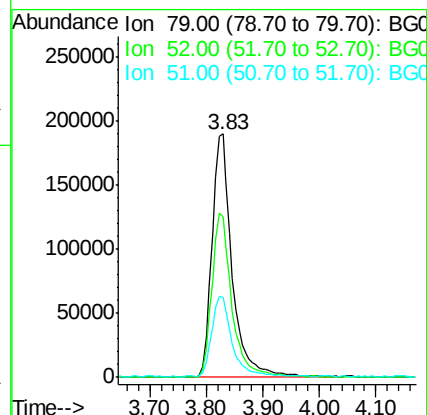
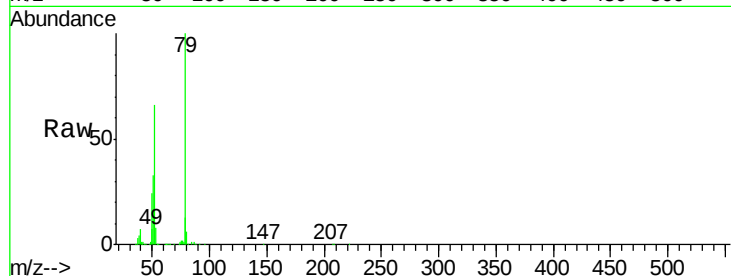
Tot Ion: 79 Resp: 470002

Ion Ratio Lower Upper

79 100

52 66.1 58.9 88.3

51 32.8 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 36.450 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

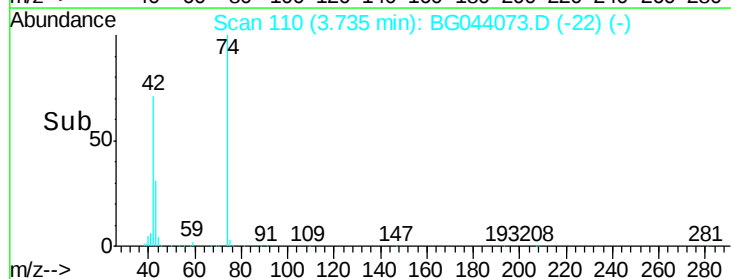
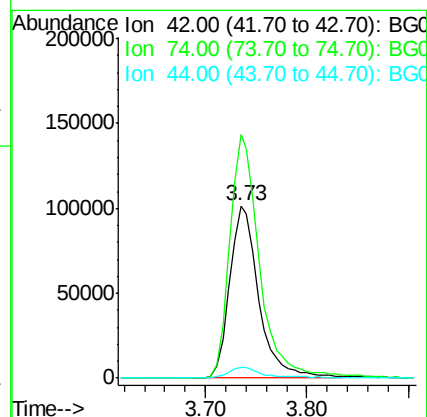
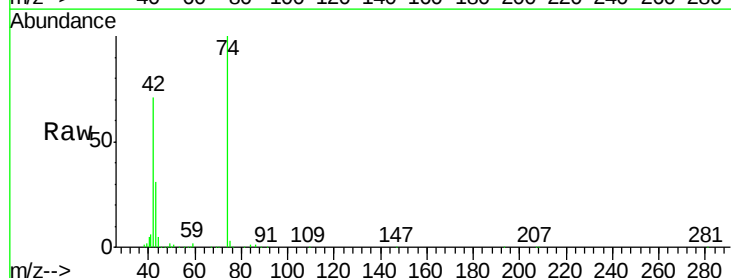
Tgt Ion: 42 Resp: 201851

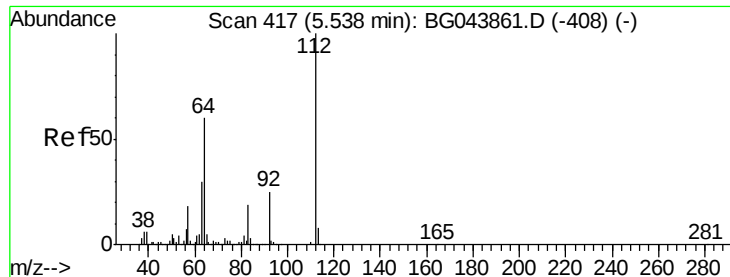
Ion Ratio Lower Upper

42 100

74 141.2 108.6 162.8

44 6.4 5.0 7.6





#5

2-Fluorophenol

Concen: 82.074 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

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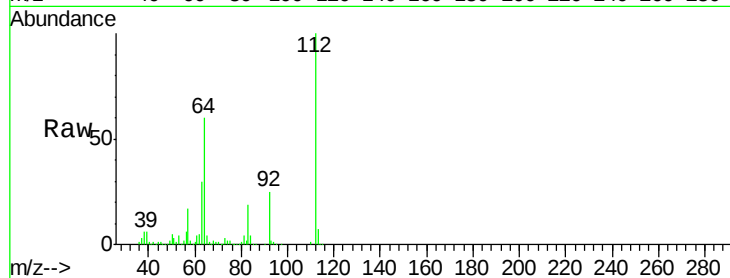
Tot Ion:112 Resp: 792546

Ion Ratio Lower Upper

112 100

64 59.7 47.8 71.6

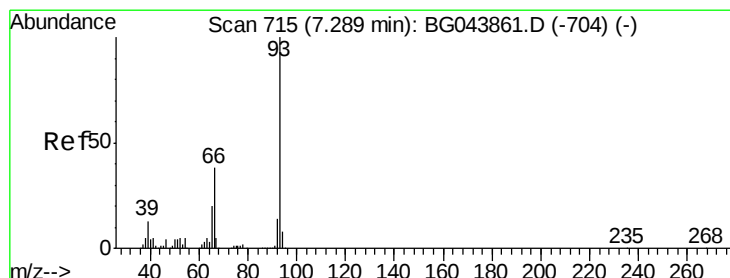
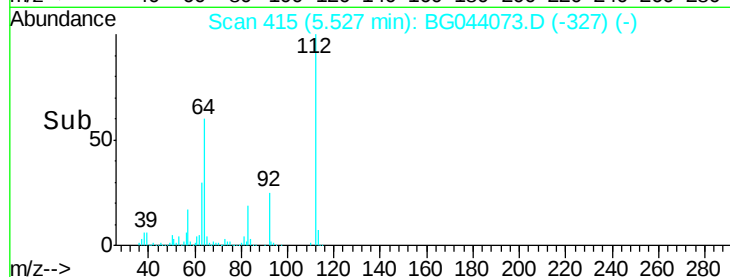
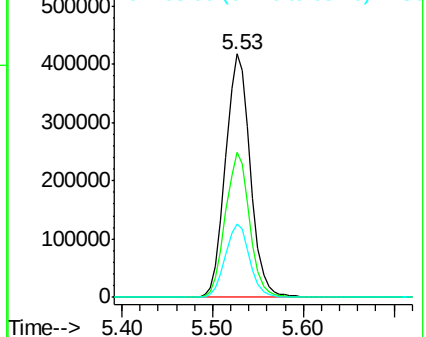
63 30.0 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 37.983 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

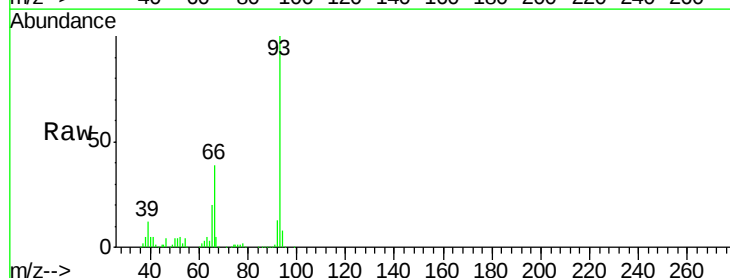
Tgt Ion: 93 Resp: 673412

Ion Ratio Lower Upper

93 100

66 38.6 30.8 46.2

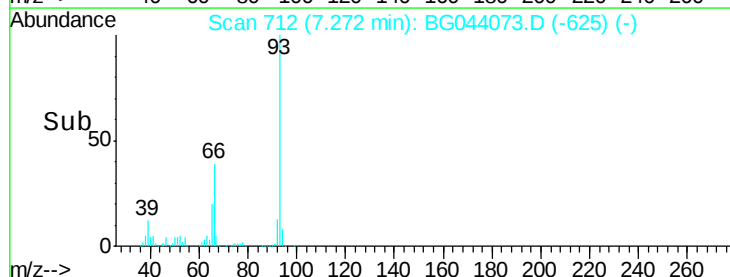
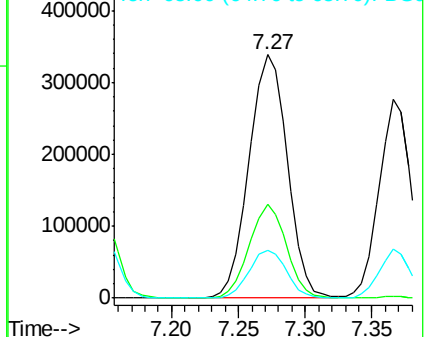
65 19.7 16.0 24.0

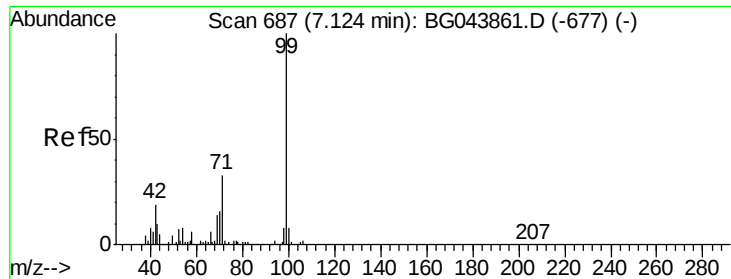


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 79.026 ng

RT: 7.12 min Scan# 687

Delta R.T. 0.00 min

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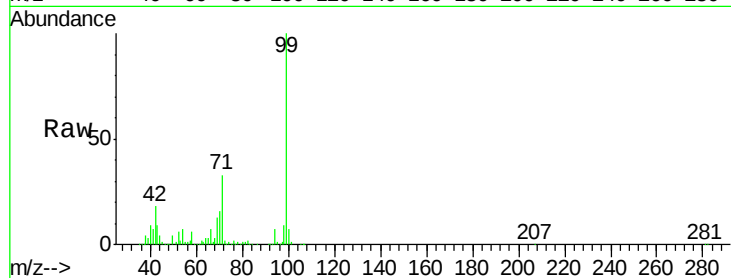
Tot Ion: 99 Resp: 1066685

Ion Ratio Lower Upper

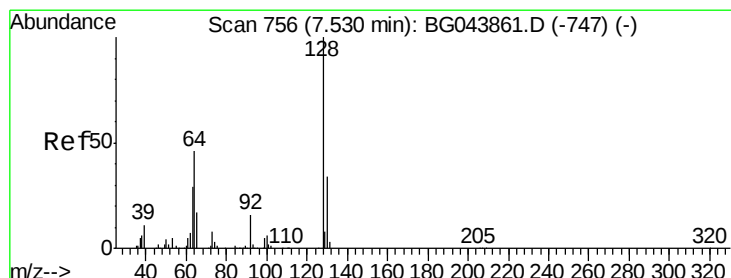
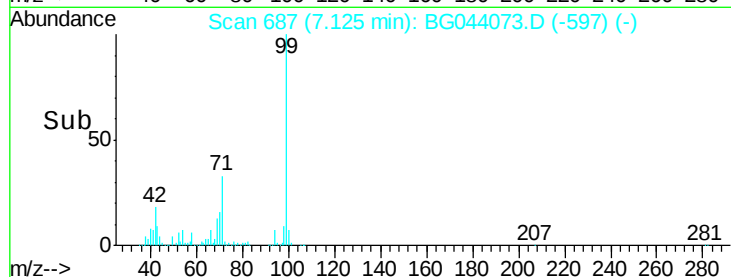
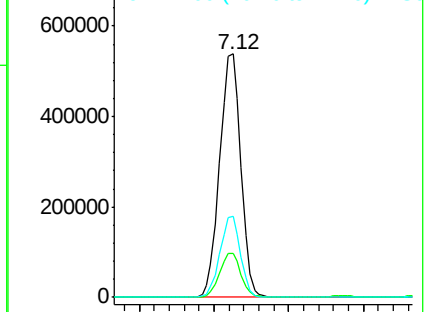
99 100

42 18.3 14.9 22.3

71 33.0 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: 40.031 ng

RT: 7.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

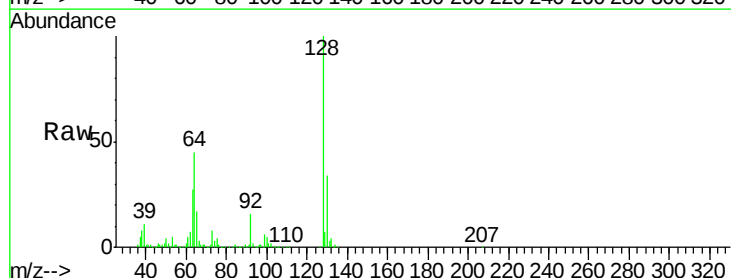
Tgt Ion: 128 Resp: 453808

Ion Ratio Lower Upper

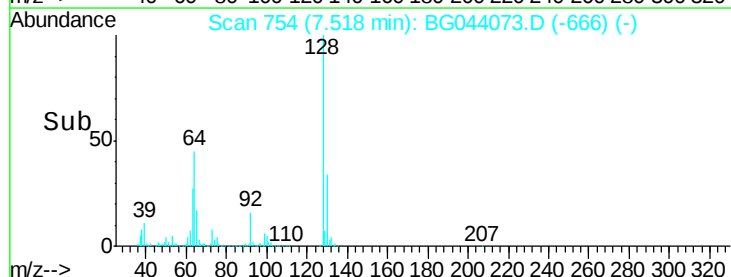
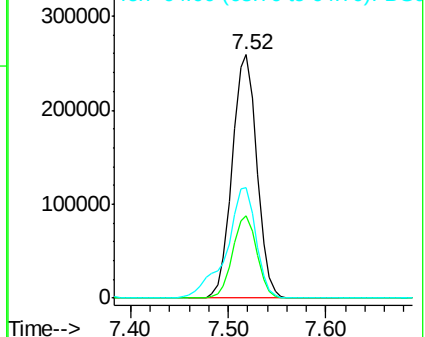
128 100

130 33.7 13.8 53.8

64 45.5 27.6 67.6



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





#9

Benzaldehyde

Concen: 35.169 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.01 min

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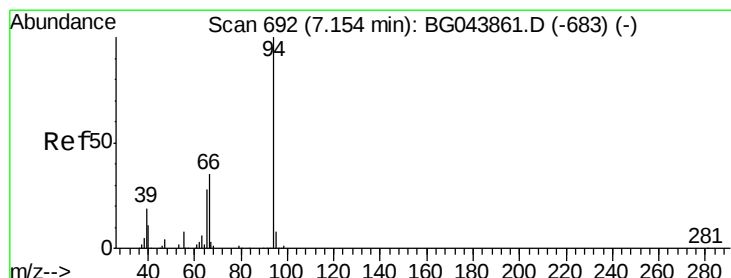
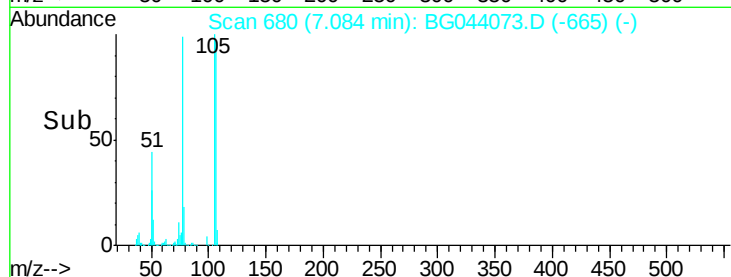
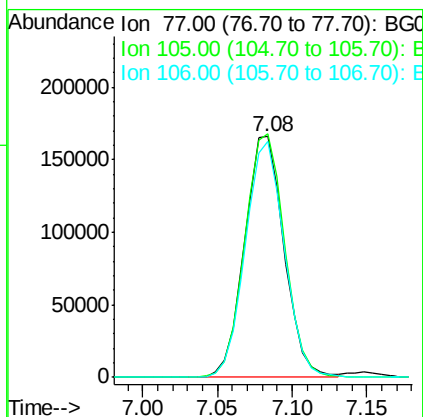
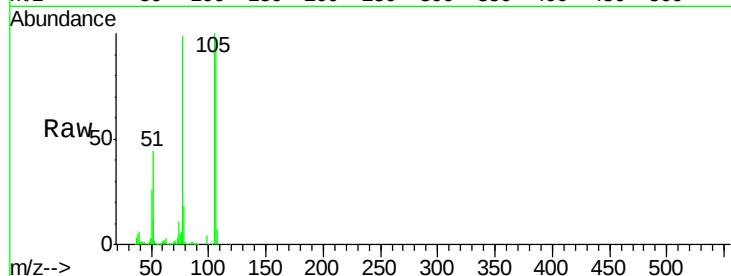
Tot Ion: 77 Resp: 303823

Ion Ratio Lower Upper

77 100

105 101.2 80.2 120.2

106 98.2 77.2 117.2



#10

Phenol

Concen: 38.877 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

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Acq: 16 Jan 2020 17:59

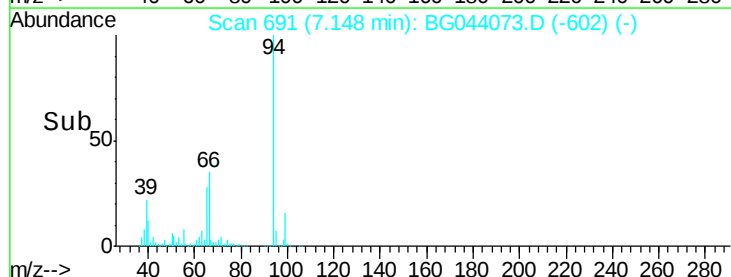
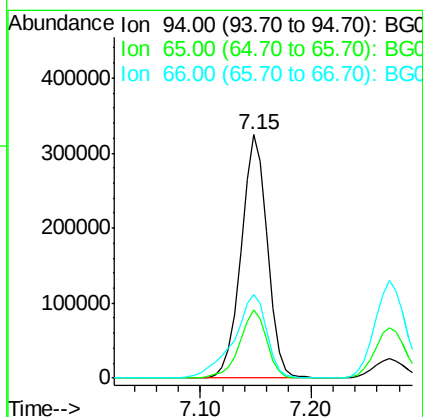
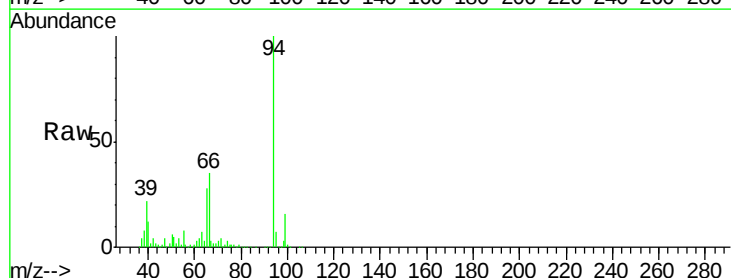
Tgt Ion: 94 Resp: 540669

Ion Ratio Lower Upper

94 100

65 28.3 8.1 48.1

66 34.6 15.6 55.6

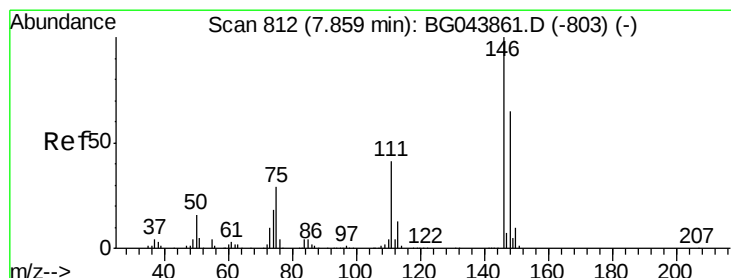
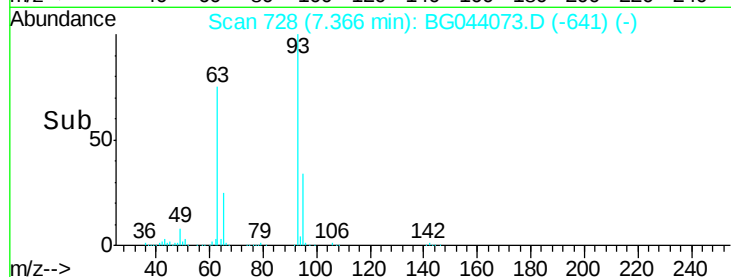
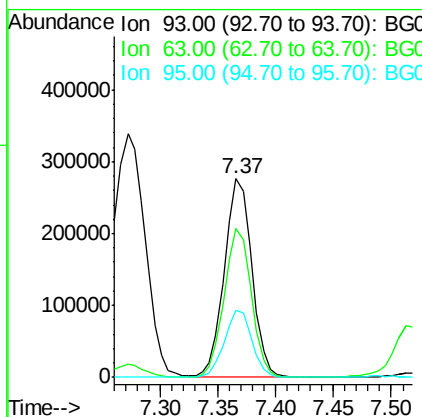
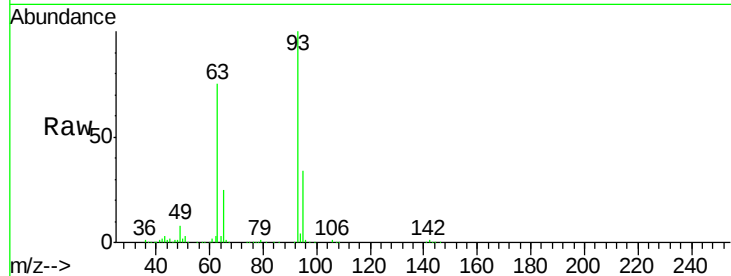




#11
bis(2-Chloroethyl)ether
Concen: 38.184 ng
RT: 7.37 min Scan# 728
Delta R.T. -0.02 min
Lab File: BG044073.D
Acq: 16 Jan 2020 17:59

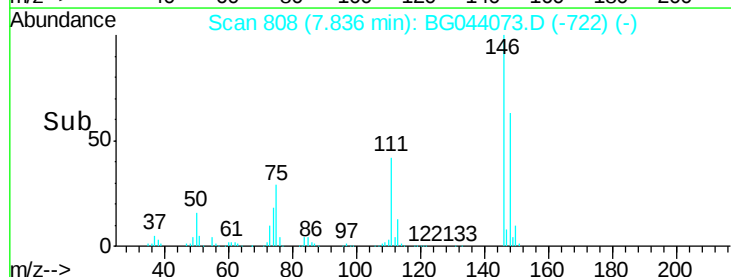
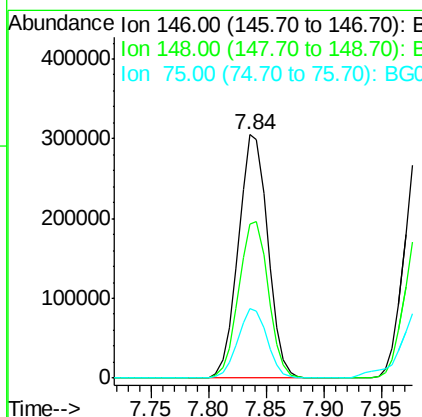
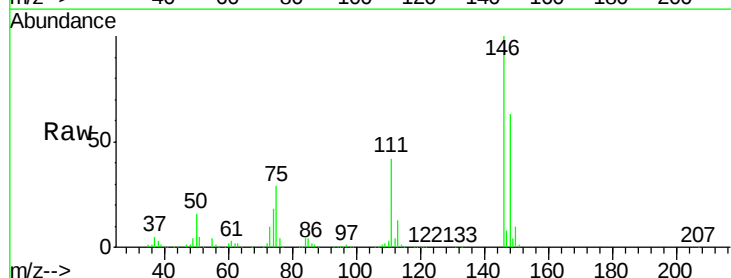
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

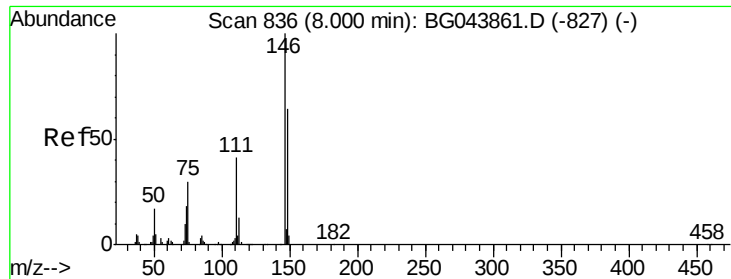
Tot Ion: 93 Resp: 458382
Ion Ratio Lower Upper
93 100
63 74.7 55.0 95.0
95 33.9 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 40.805 ng
RT: 7.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BG044073.D
Acq: 16 Jan 2020 17:59

Tgt Ion: 146 Resp: 541322
Ion Ratio Lower Upper
146 100
148 63.4 52.1 78.1
75 28.6 23.0 34.4

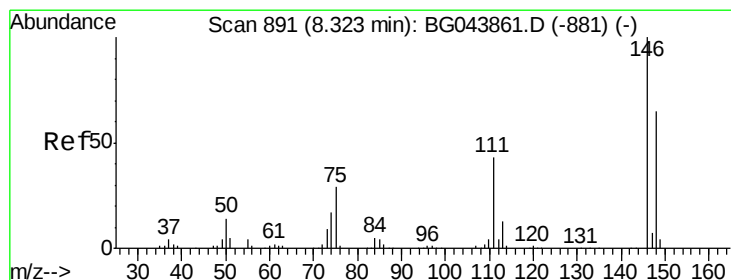
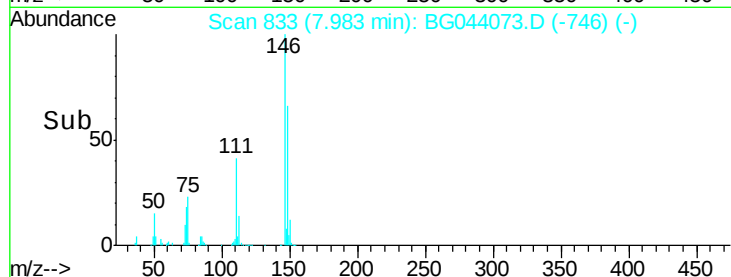
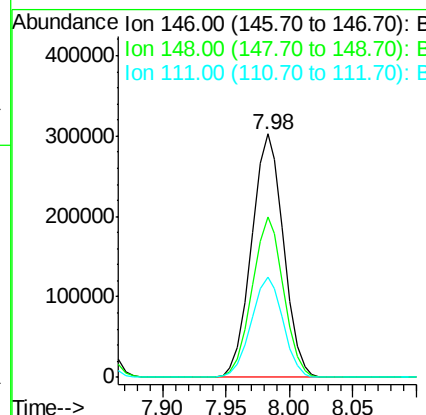
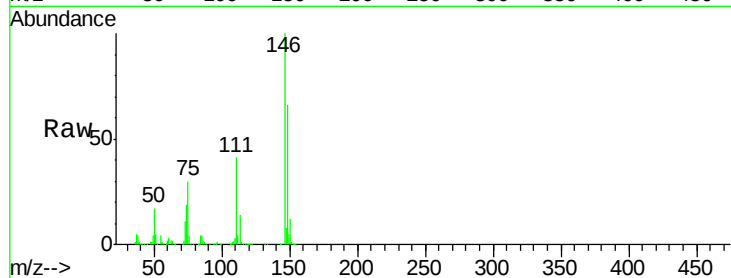




#13
 1,4-Dichlorobenzene
 Concen: 40.425 ng
 RT: 7.98 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BG044073.D
 Acq: 16 Jan 2020 17:59

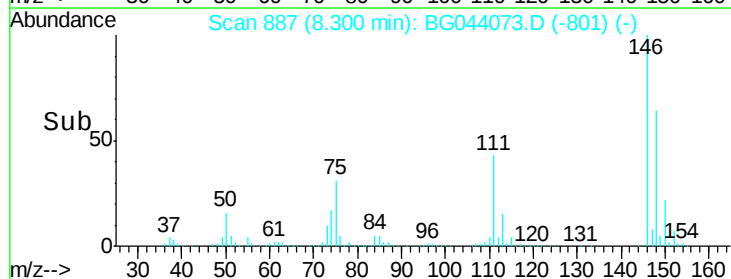
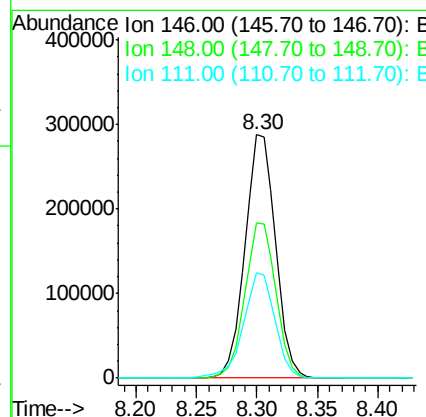
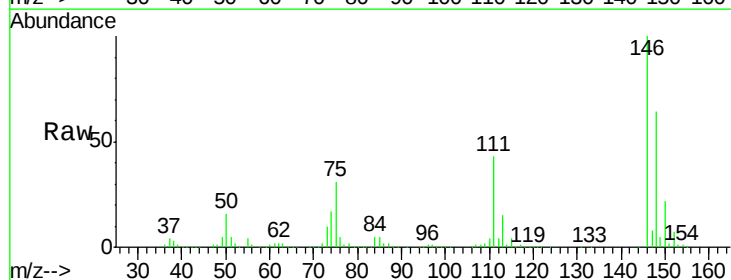
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.2	76.8
111	41.2	33.1	49.7



#14
 1,2-Dichlorobenzene
 Concen: 40.406 ng
 RT: 8.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BG044073.D
 Acq: 16 Jan 2020 17:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.7	77.5
111	43.4	34.4	51.6





#15

Benzyl Alcohol

Concen: 37.494 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

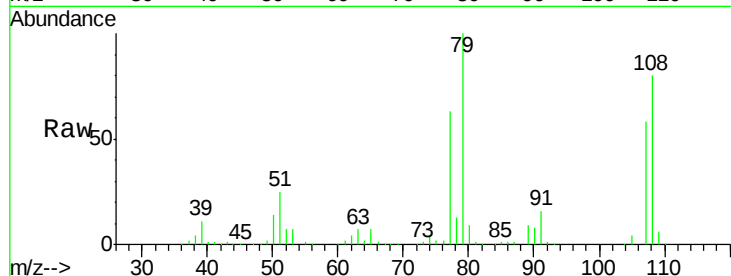
Tot Ion: 79 Resp: 399420

Ion Ratio Lower Upper

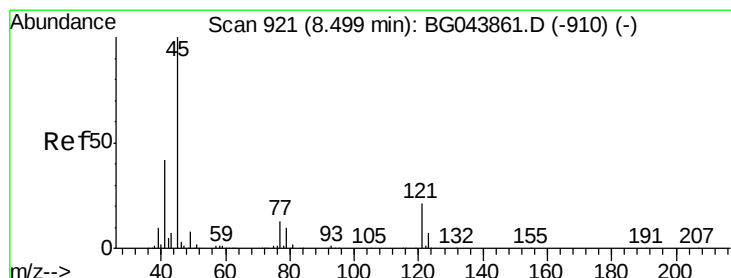
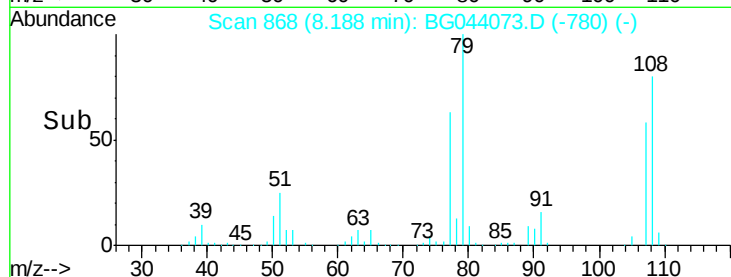
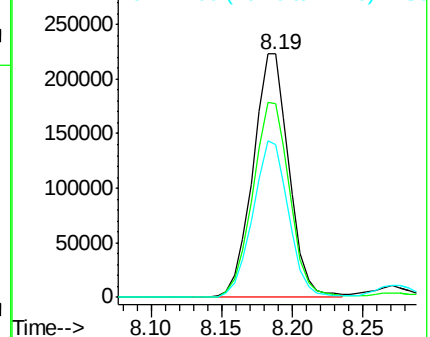
79 100

108 79.6 65.6 98.4

77 62.6 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: 36.195 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.02 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

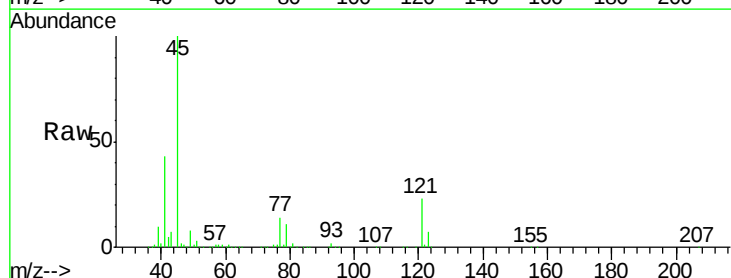
Tgt Ion: 45 Resp: 672239

Ion Ratio Lower Upper

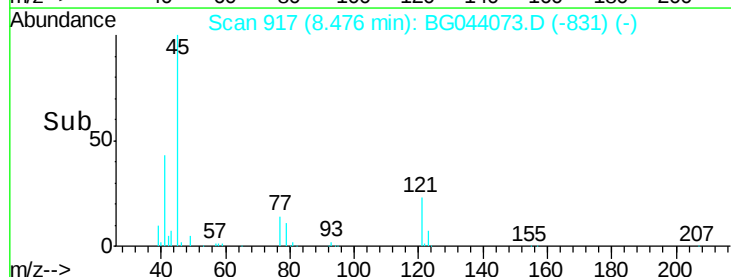
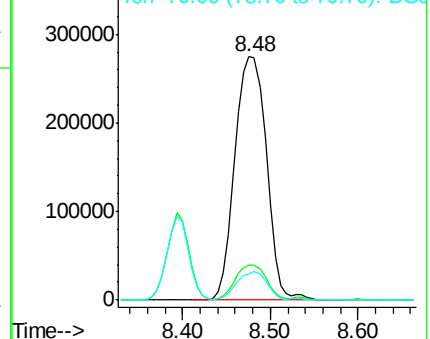
45 100

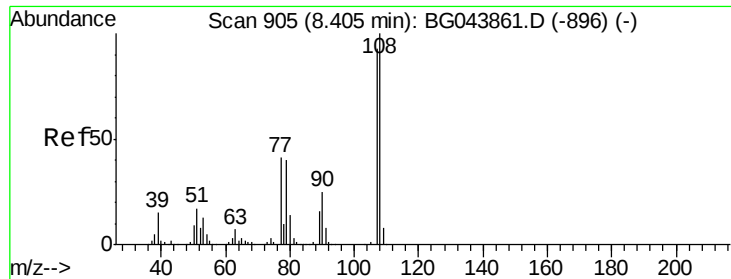
77 14.2 0.0 33.8

79 10.7 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: 38.671 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 389190

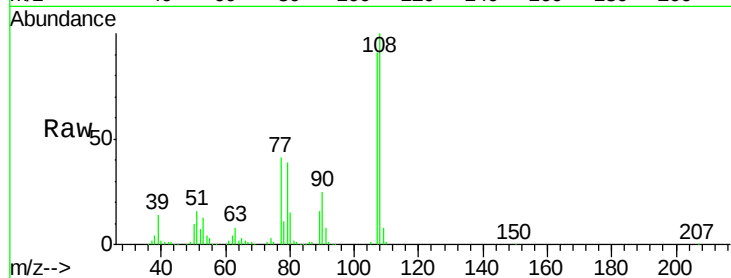
Ion Ratio Lower Upper

107 100

108 110.0 86.1 129.1

77 44.6 35.4 53.0

79 43.0 34.8 52.2

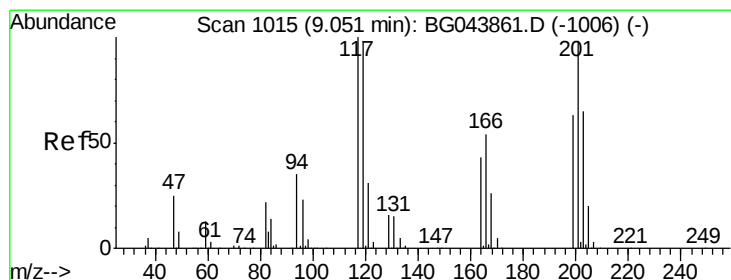
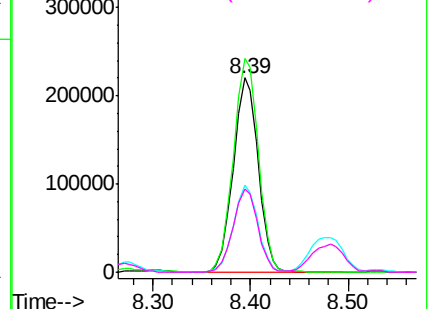
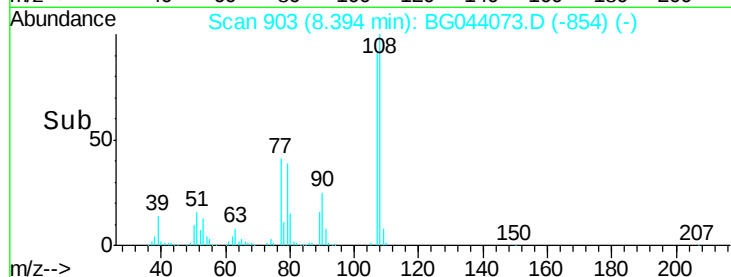


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 40.812 ng

RT: 9.03 min Scan# 1012

Delta R.T. -0.02 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

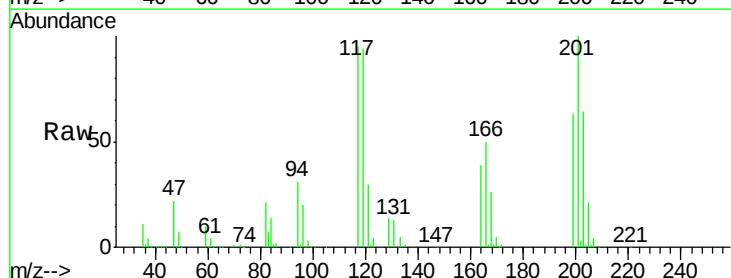
Tgt Ion:117 Resp: 207863

Ion Ratio Lower Upper

117 100

119 98.7 78.1 117.1

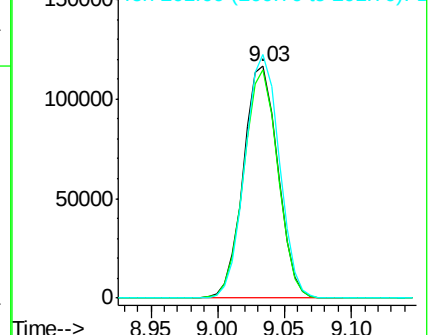
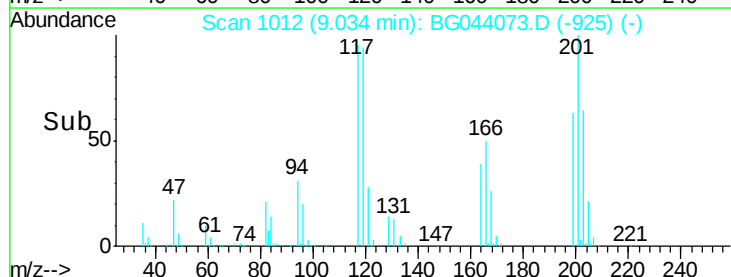
201 105.1 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

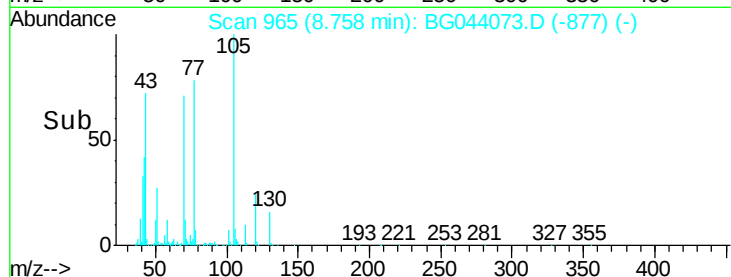
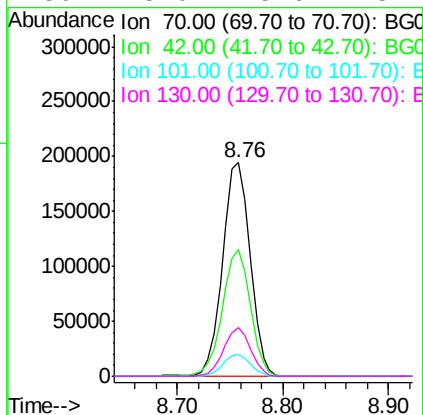
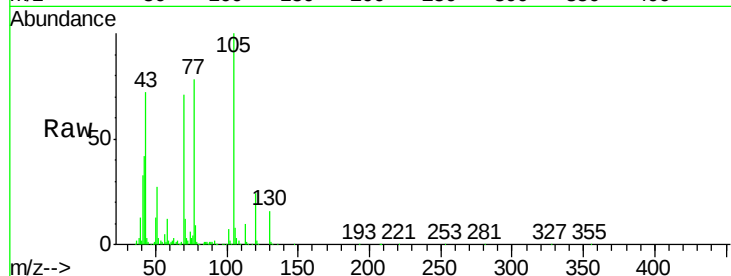




#19
n-Nitroso-di-n-propylamine
Concen: 34.951 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BG044073.D
Acq: 16 Jan 2020 17:59

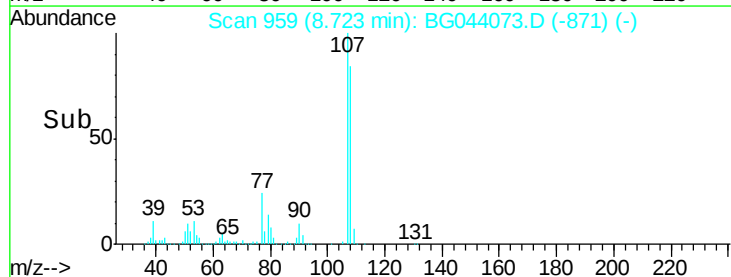
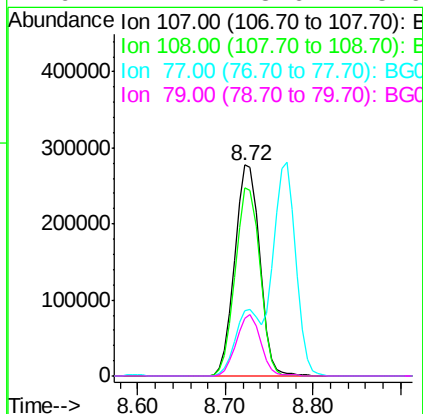
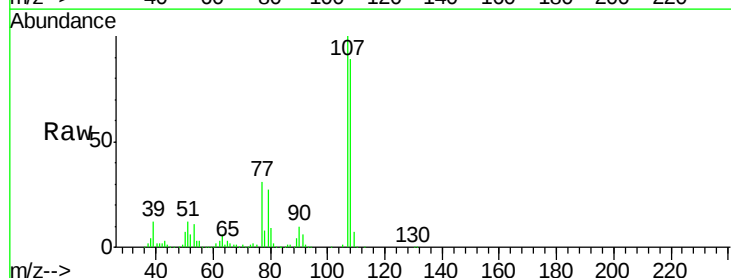
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:	70	Resp:	351335
Ion	Ratio	Lower	Upper
70	100		
42	59.3	47.0	70.4
101	10.1	7.2	10.8
130	23.0	15.6	23.4



#20
3+4-Methylphenols
Concen: 38.156 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG044073.D
Acq: 16 Jan 2020 17:59

Tgt Ion:	107	Resp:	535699
Ion	Ratio	Lower	Upper
107	100		
108	89.2	70.3	110.3
77	31.2	12.4	52.4
79	27.1	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 713607

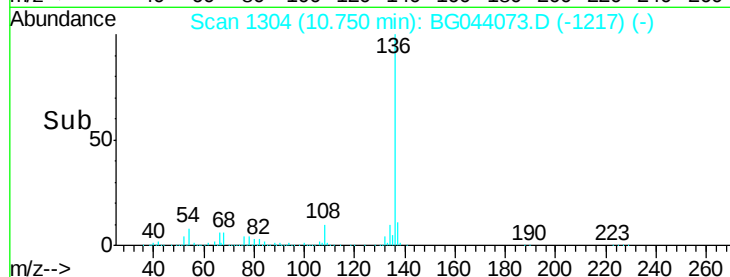
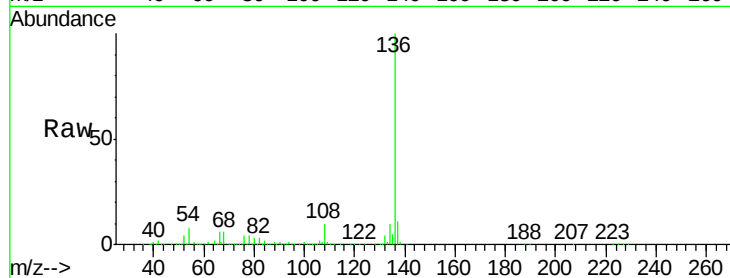
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.0 7.0 10.4

68 6.3 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

Time-->

10.75

400000

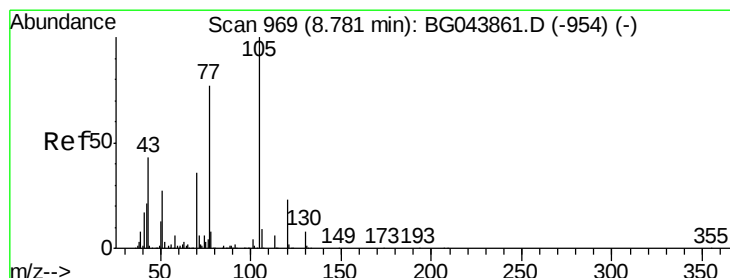
300000

200000

100000

0

10.70 10.80



#22

Acetophenone

Concen: 37.894 ng

RT: 8.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

Tgt Ion:105 Resp: 672268

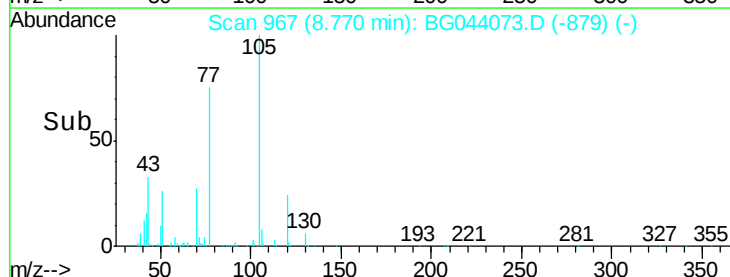
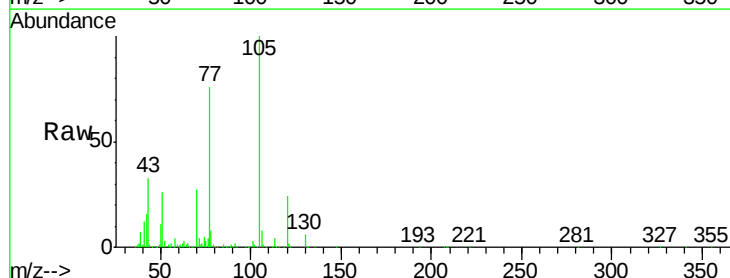
Ion Ratio Lower Upper

105 100

71 4.5 4.8 7.2#

51 26.3 21.4 32.0

120 23.9 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

Time-->

8.77

400000

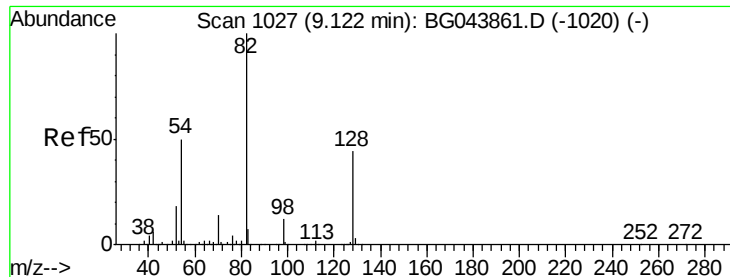
300000

200000

100000

0

8.60 8.70 8.80



#23

Nitrobenzene-d5

Concen: 75.049 ng

RT: 9.10 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

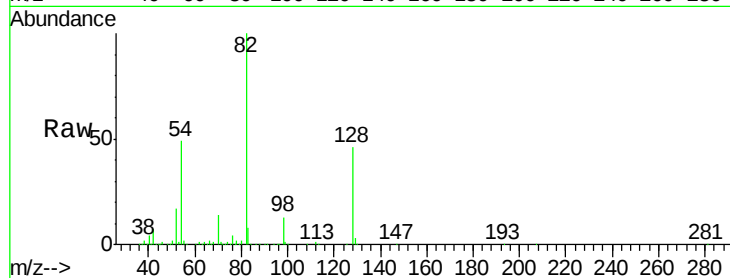
Tot Ion: 82 Resp: 1001118

Ion Ratio Lower Upper

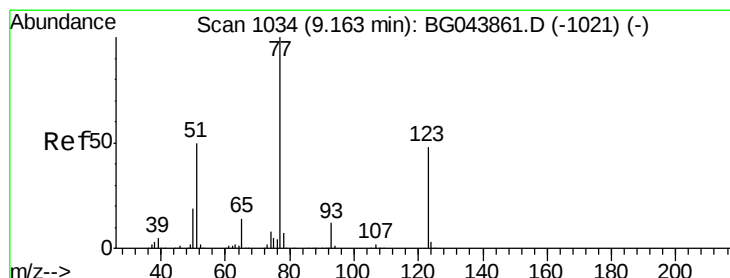
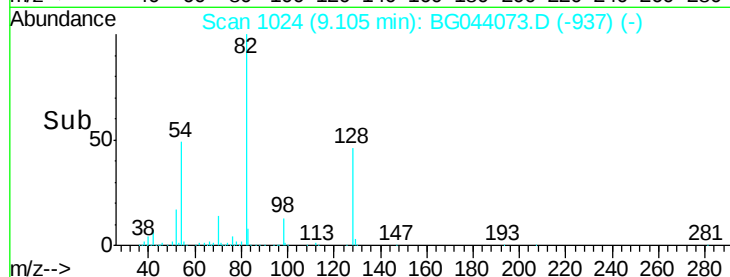
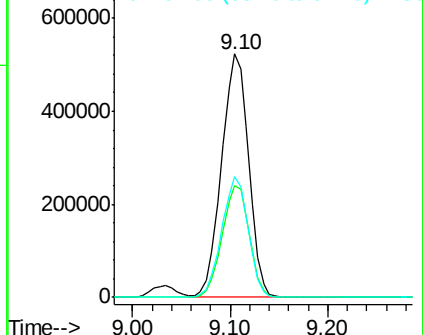
82 100

128 46.0 35.1 52.7

54 49.3 40.1 60.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 38.099 ng

RT: 9.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

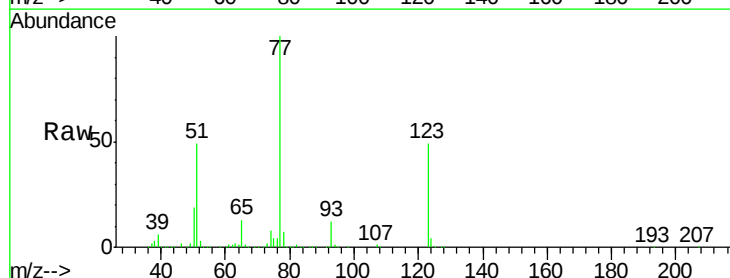
Tgt Ion: 77 Resp: 503358

Ion Ratio Lower Upper

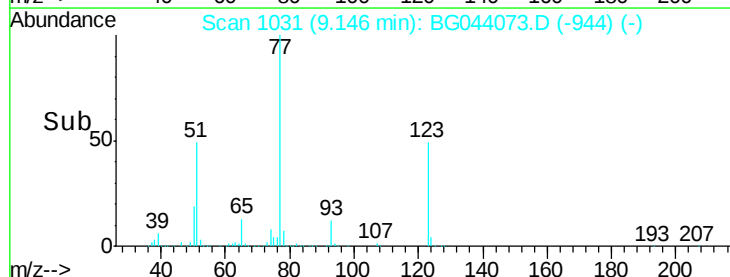
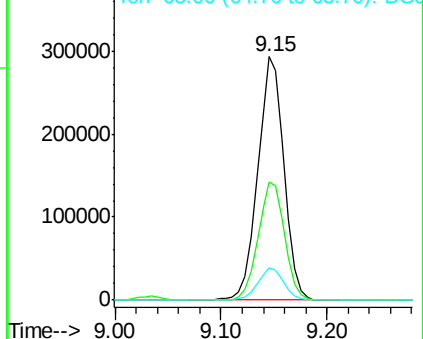
77 100

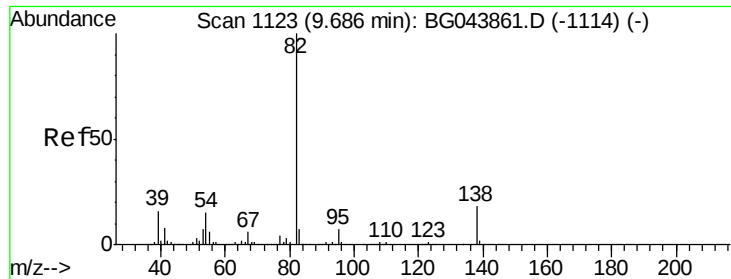
123 48.5 38.7 58.1

65 13.3 11.1 16.7



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 36.579 ng

RT: 9.67 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

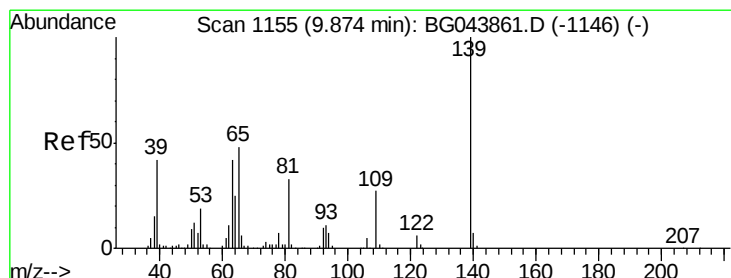
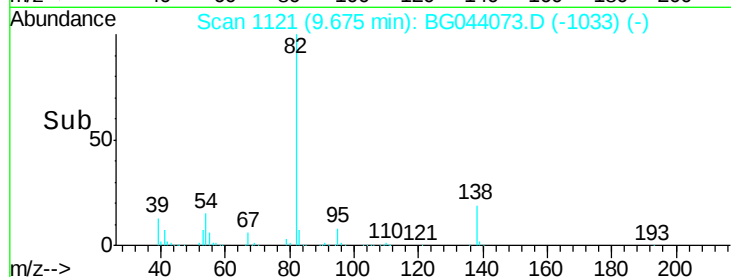
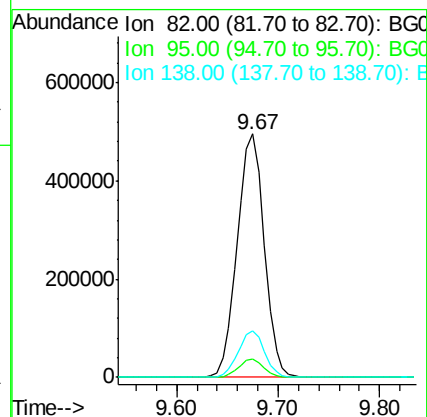
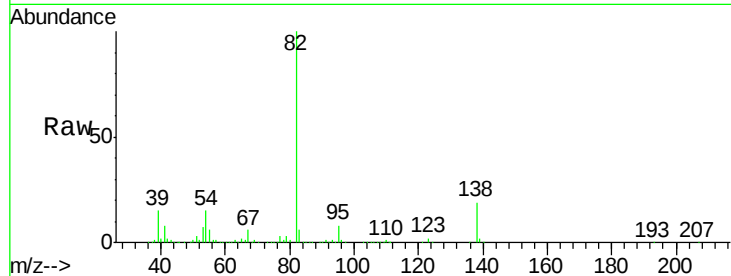
Tot Ion: 82 Resp: 915440

Ion Ratio Lower Upper

82 100

95 7.6 5.8 8.6

138 19.0 14.6 22.0



#26

2-Nitrophenol

Concen: 44.056 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

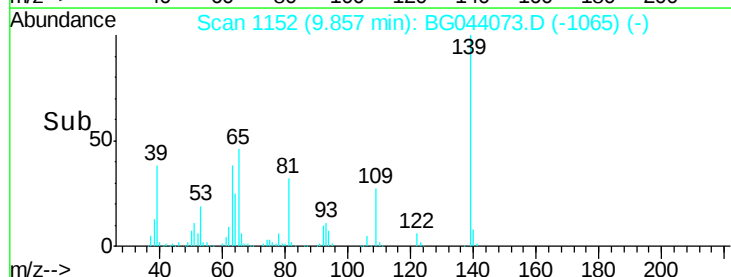
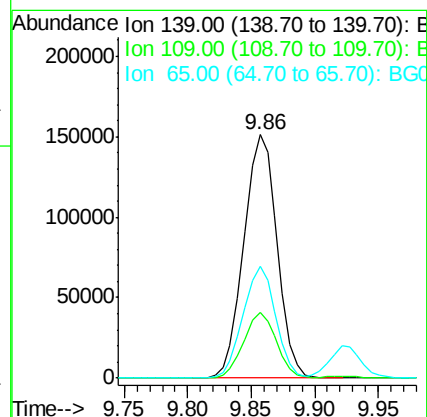
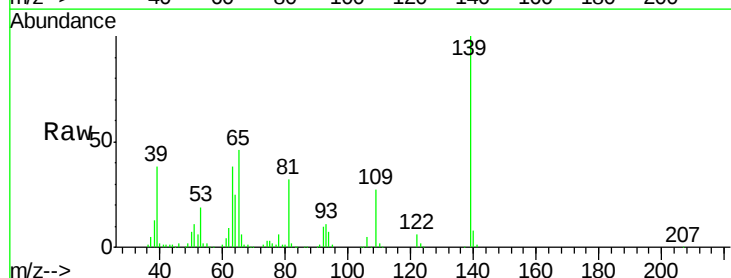
Tgt Ion: 139 Resp: 275377

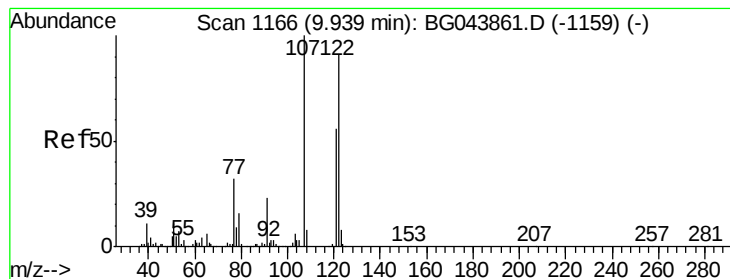
Ion Ratio Lower Upper

139 100

109 26.9 21.3 31.9

65 45.8 38.6 57.8





#27

2,4-Dimethylphenol

Concen: 38.909 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

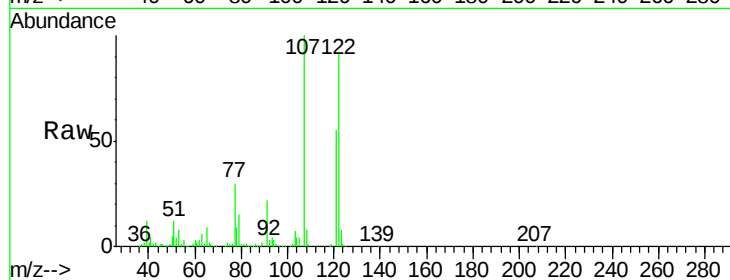
Tot Ion:122 Resp: 366097

Ion Ratio Lower Upper

122 100

107 109.0 88.0 132.0

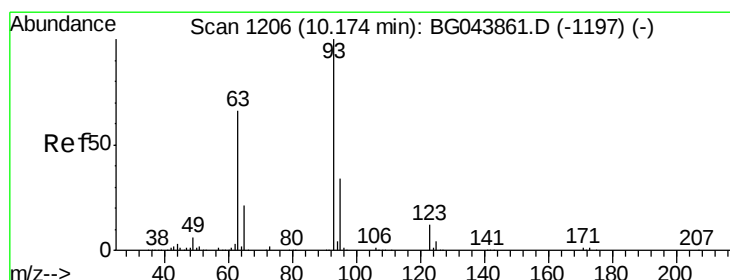
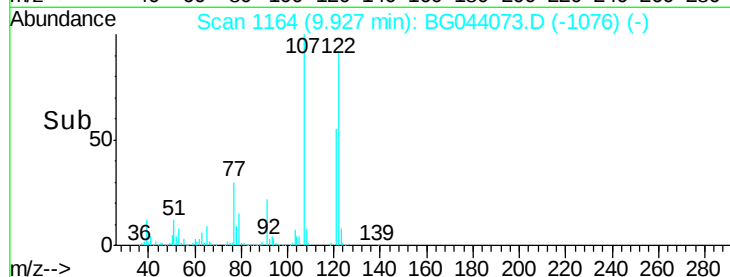
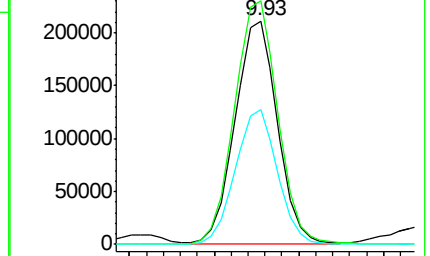
121 60.5 49.0 73.4



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: 36.969 ng

RT: 10.15 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

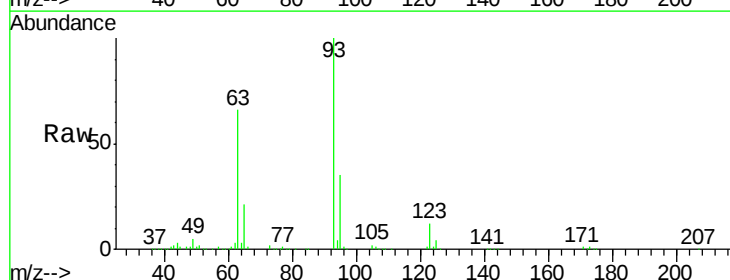
Tgt Ion: 93 Resp: 616815

Ion Ratio Lower Upper

93 100

95 34.7 27.2 40.8

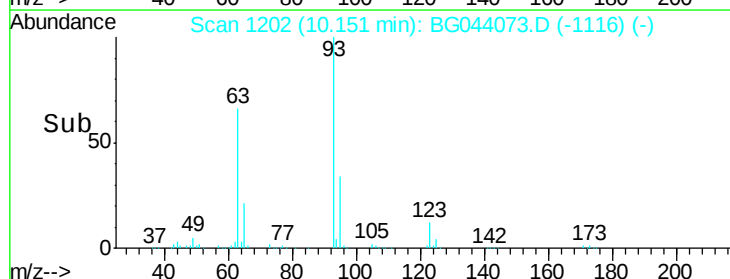
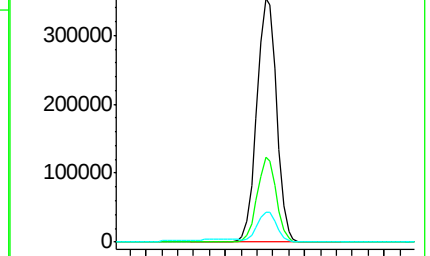
123 12.4 9.7 14.5

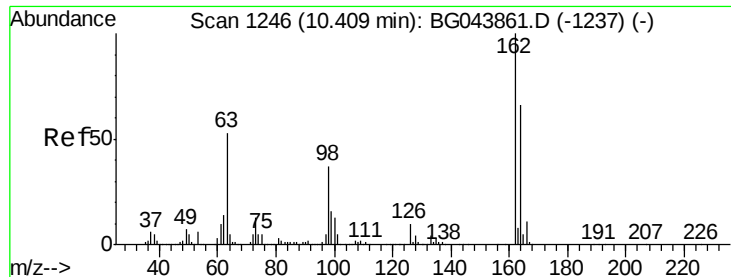


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

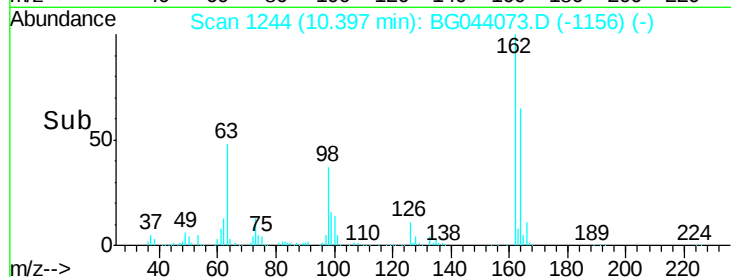
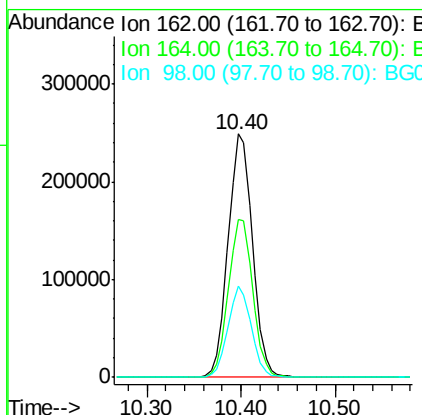
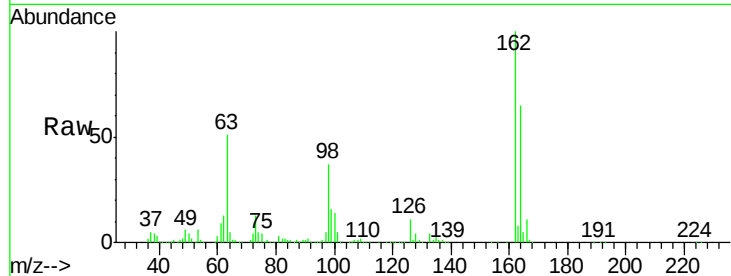




#29
 2,4-Dichlorophenol
 Concen: 39.992 ng
 RT: 10.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BG044073.D
 Acq: 16 Jan 2020 17:59

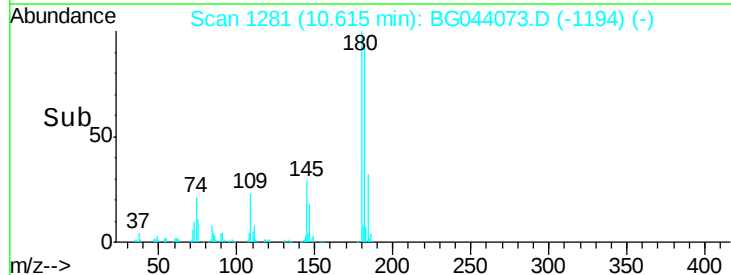
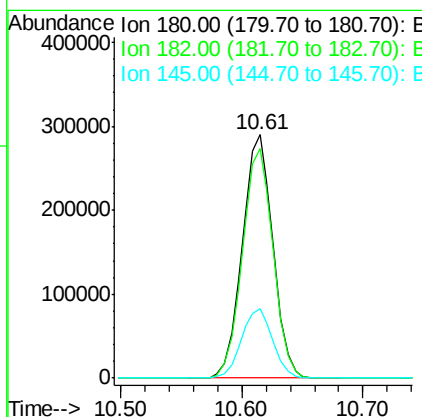
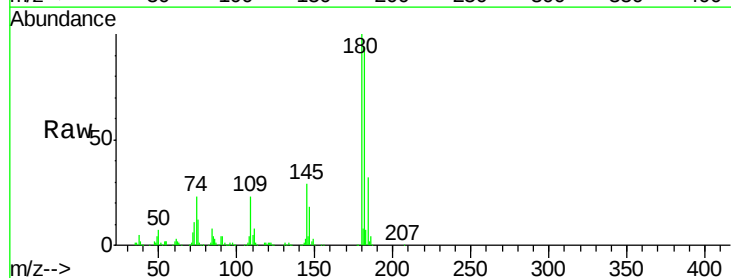
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	46.3	86.3
98	37.3	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 40.463 ng
 RT: 10.61 min Scan# 1281
 Delta R.T. -0.02 min
 Lab File: BG044073.D
 Acq: 16 Jan 2020 17:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.0	112.4
145	28.8	24.2	36.4

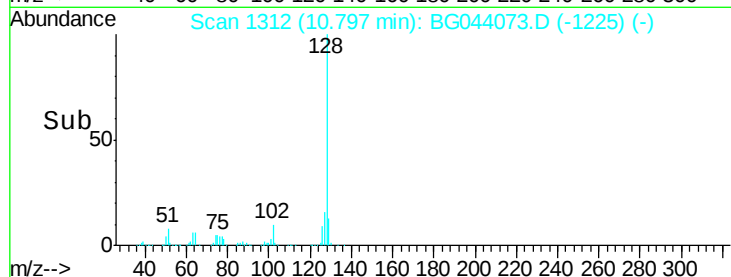
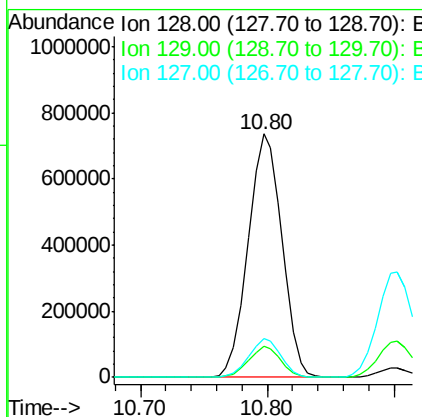
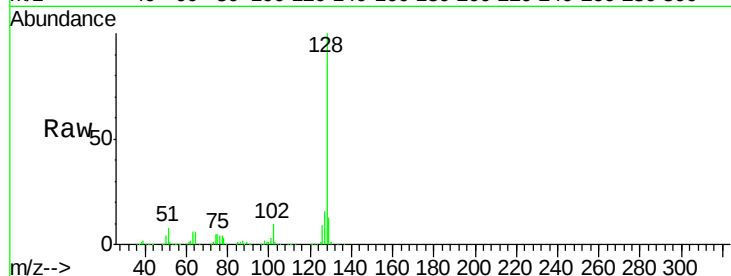




#31
Naphthalene
Concen: 39.453 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG044073.D
Acq: 16 Jan 2020 17:59

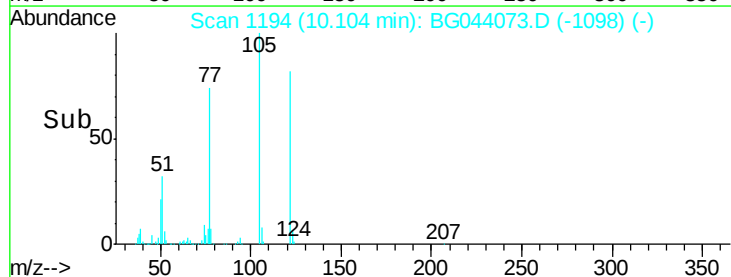
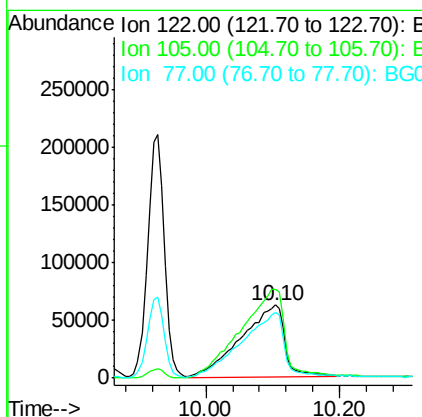
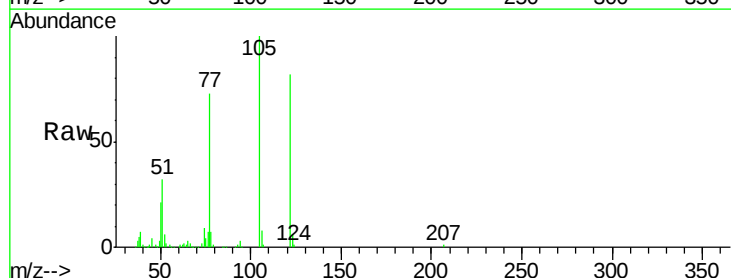
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:128 Resp: 1362400
Ion Ratio Lower Upper
128 100
129 12.8 9.8 14.6
127 15.8 12.0 18.0



#32
Benzoic acid
Concen: 37.877 ng
RT: 10.10 min Scan# 1194
Delta R.T. 0.04 min
Lab File: BG044073.D
Acq: 16 Jan 2020 17:59

Tgt Ion:122 Resp: 278597
Ion Ratio Lower Upper
122 100
105 121.9 106.4 146.4
77 89.4 74.6 114.6

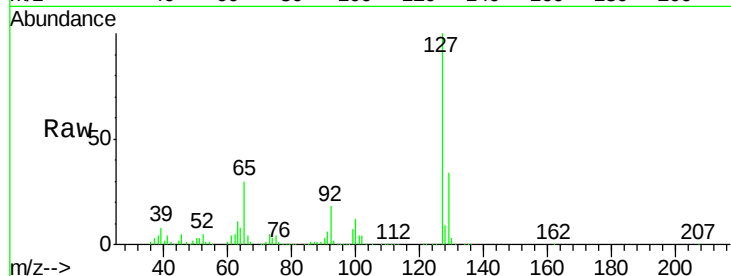




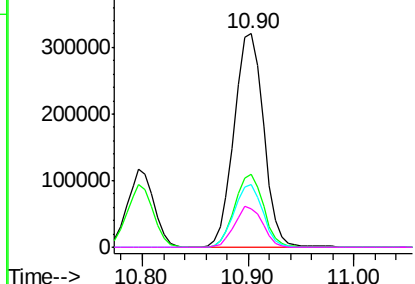
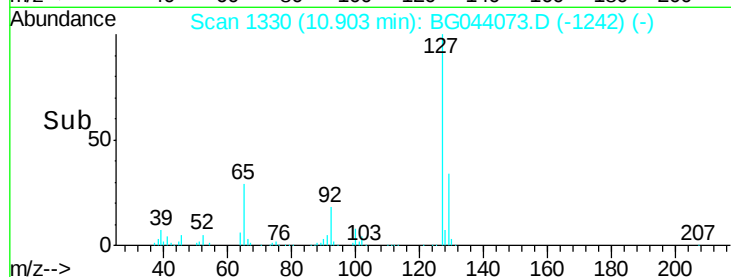
#33
4-Chloroaniline
Concen: 37.662 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG044073.D
Acq: 16 Jan 2020 17:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:	127	Resp:	620320
Ion	Ratio	Lower	Upper
127	100		
129	34.1	26.6	40.0
65	29.5	23.3	34.9
92	18.2	14.7	22.1

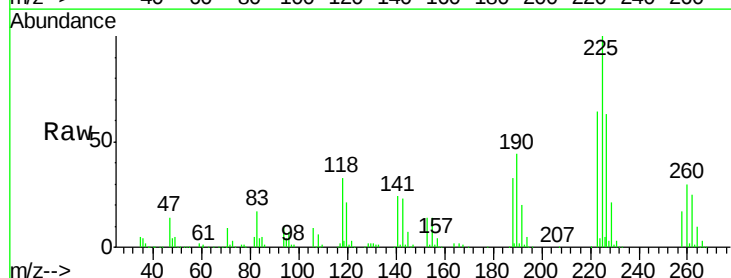


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

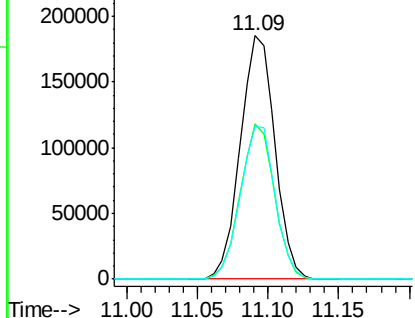
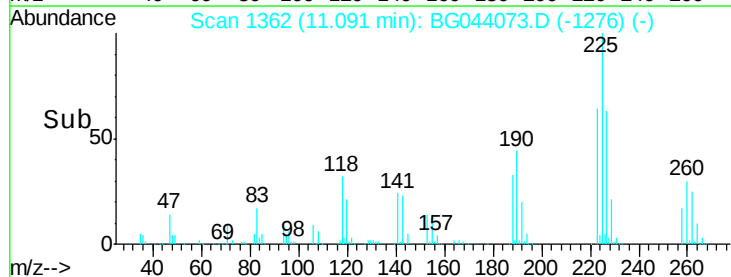


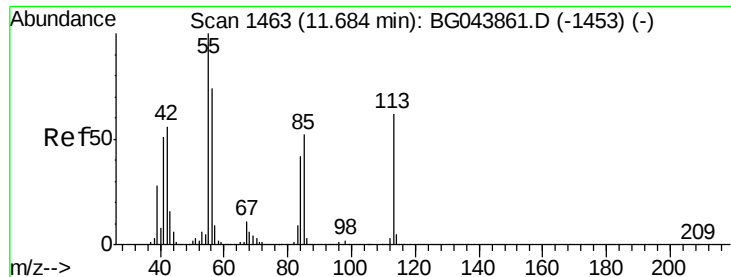
#34
Hexachlorobutadiene
Concen: 41.269 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BG044073.D
Acq: 16 Jan 2020 17:59

Tgt Ion:	225	Resp:	317085
Ion	Ratio	Lower	Upper
225	100		
223	63.8	52.2	78.4
227	62.7	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: 37.742 ng

RT: 11.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

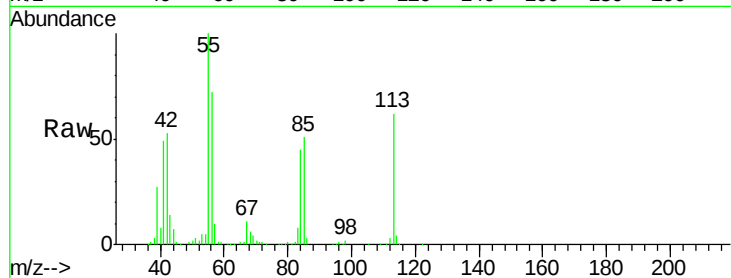
Tot Ion:113 Resp: 157692

Ion Ratio Lower Upper

113 100

55 160.2 142.5 182.5

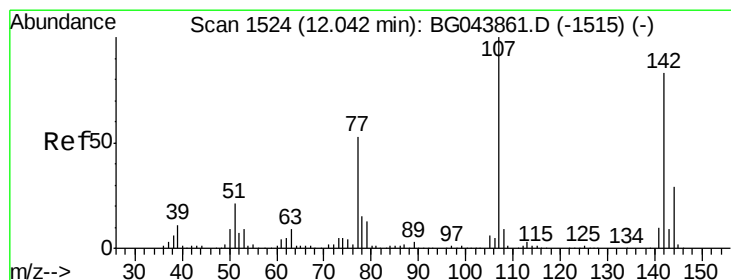
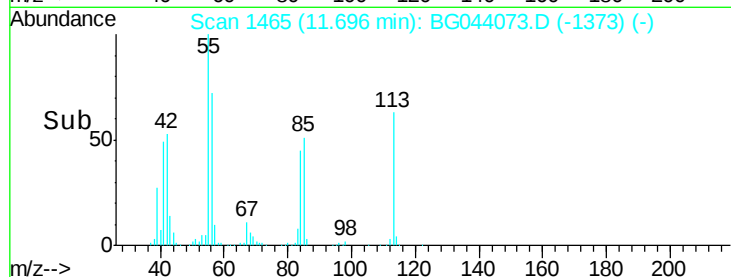
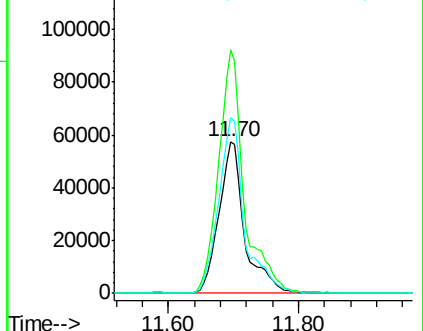
56 115.8 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 37.879 ng

RT: 12.04 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

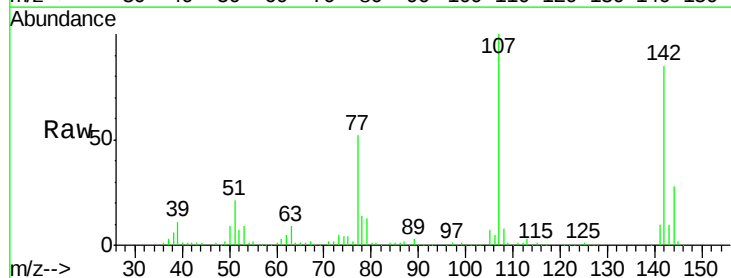
Tgt Ion:107 Resp: 452581

Ion Ratio Lower Upper

107 100

144 28.0 23.4 35.2

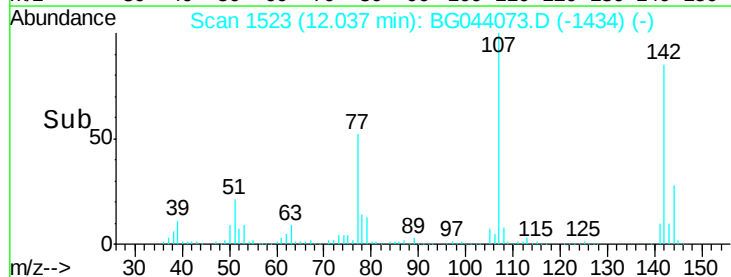
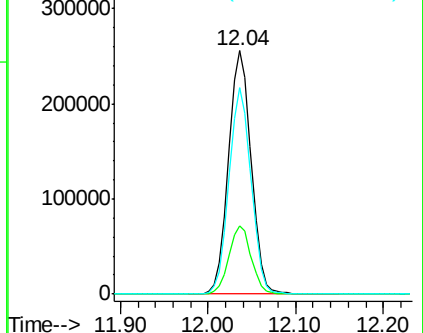
142 84.7 66.3 99.5

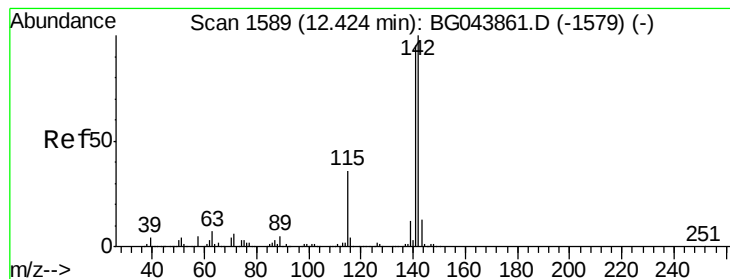


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.330 ng

RT: 12.41 min Scan# 1586

Delta R.T. -0.02 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

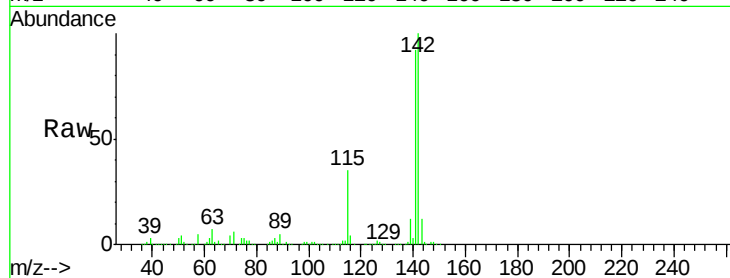
Tot Ion:142 Resp: 996502

Ion Ratio Lower Upper

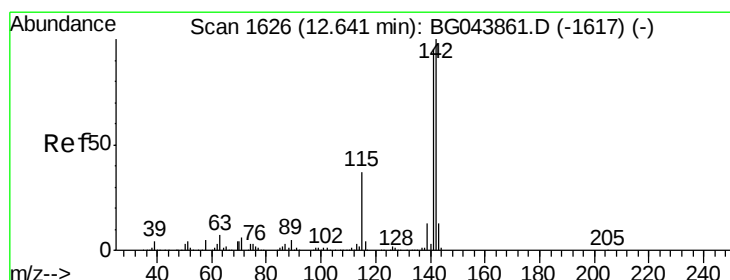
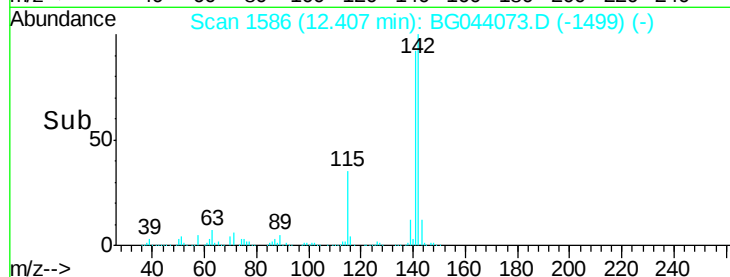
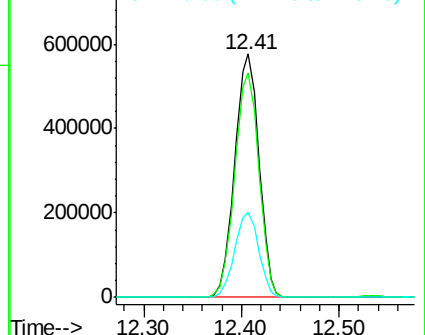
142 100

141 92.0 75.8 113.8

115 35.1 28.6 42.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.039 ng

RT: 12.62 min Scan# 1623

Delta R.T. -0.02 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

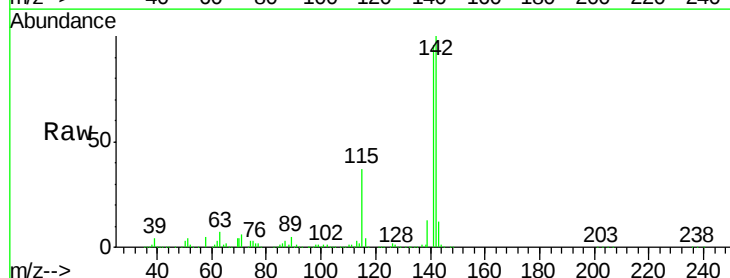
Tgt Ion:142 Resp: 937291

Ion Ratio Lower Upper

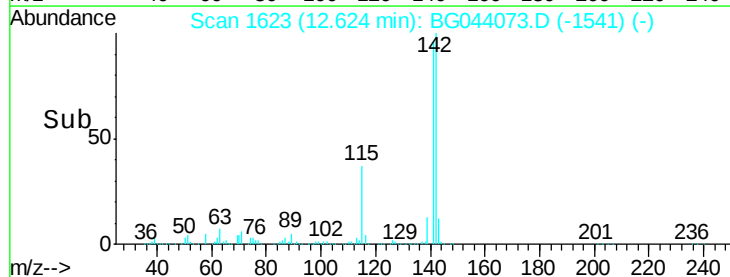
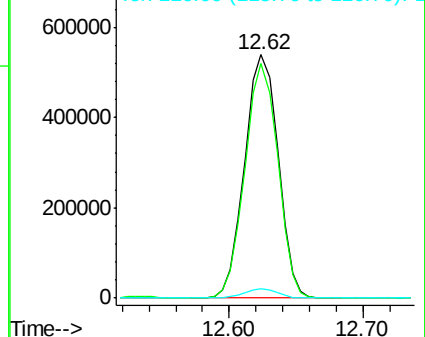
142 100

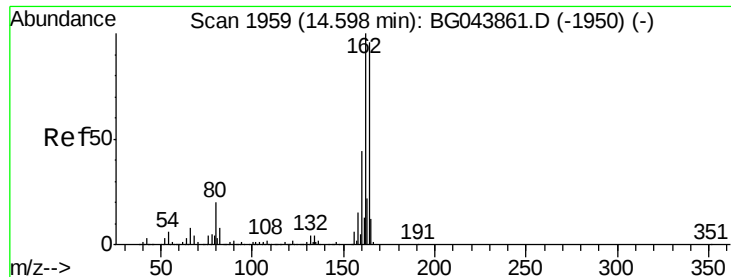
141 96.3 76.0 114.0

116 4.0 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

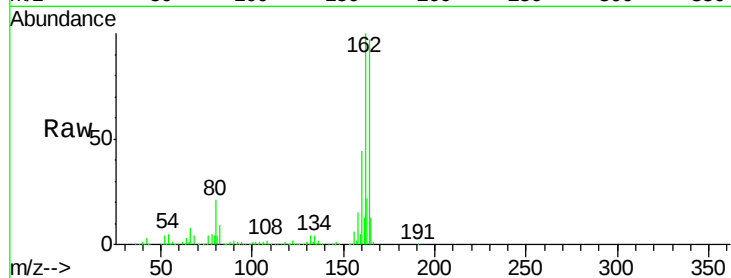
Tot Ion:164 Resp: 432559

Ion Ratio Lower Upper

164 100

162 102.9 83.0 124.4

160 45.2 36.1 54.1

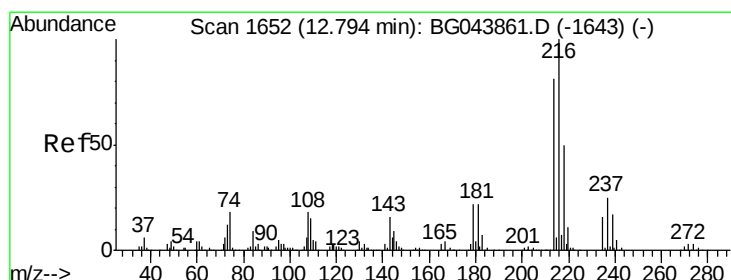
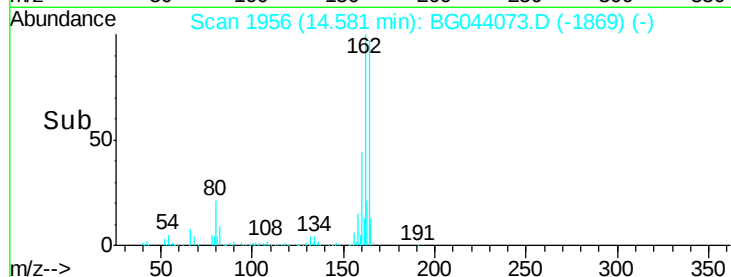
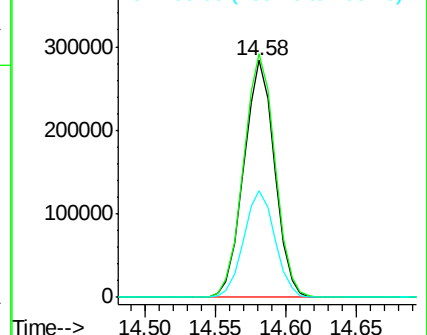


Abundance

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: 41.834 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.02 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

Tgt Ion:216 Resp: 530385

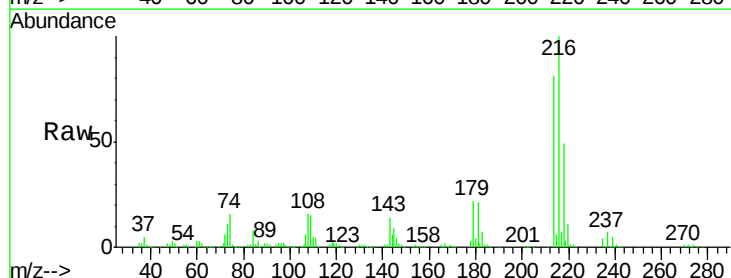
Ion Ratio Lower Upper

216 100

214 79.0 63.8 95.8

179 21.7 17.3 25.9

108 16.9 15.3 22.9



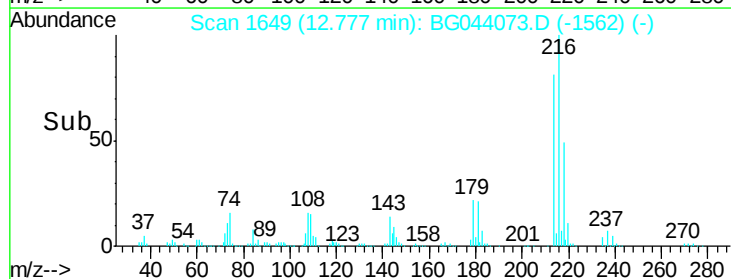
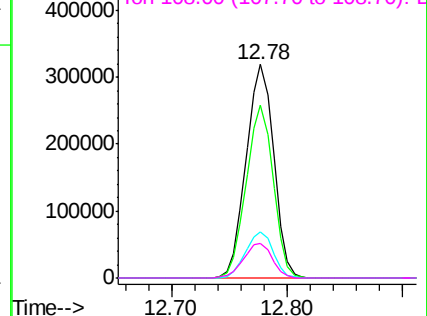
Abundance

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: 20.236 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.02 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

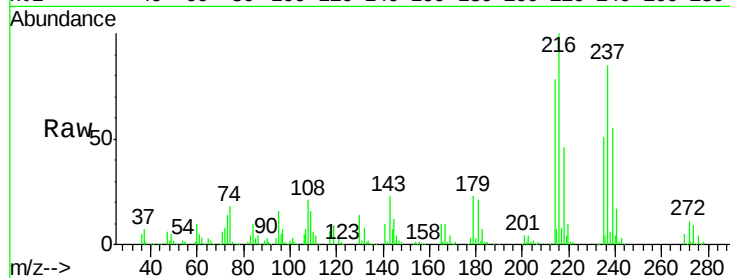
Tot Ion:237 Resp: 133011

Ion Ratio Lower Upper

237 100

235 60.4 41.1 81.1

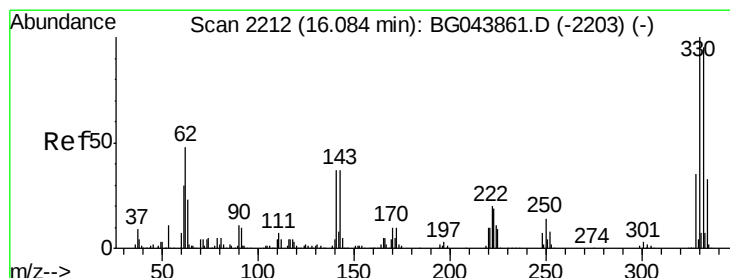
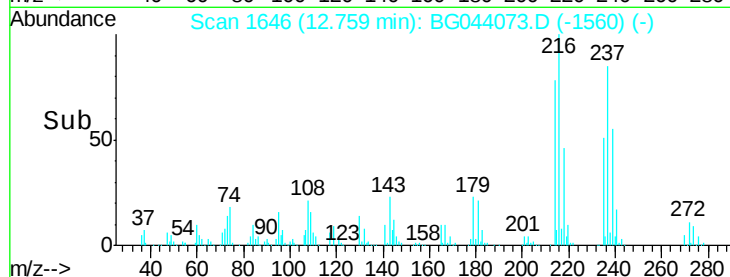
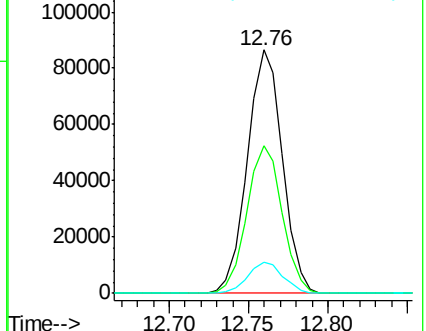
272 13.0 0.0 31.7



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: 86.078 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

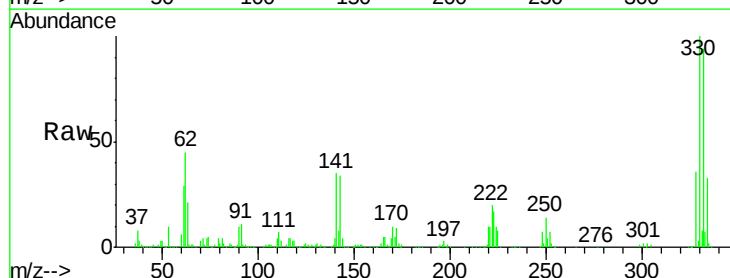
Tgt Ion:330 Resp: 389643

Ion Ratio Lower Upper

330 100

332 95.4 77.2 115.8

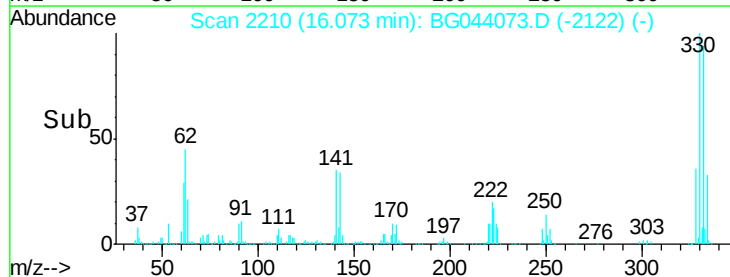
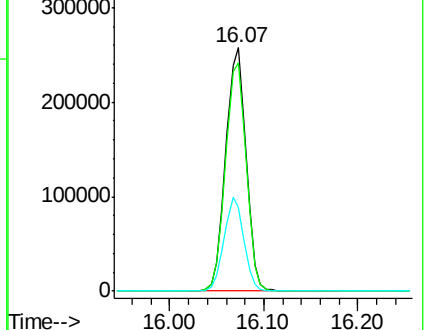
141 37.4 33.1 49.7

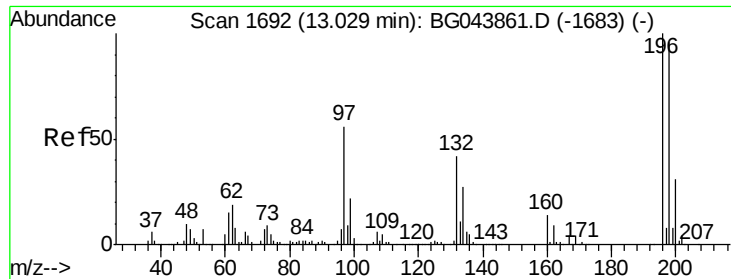


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

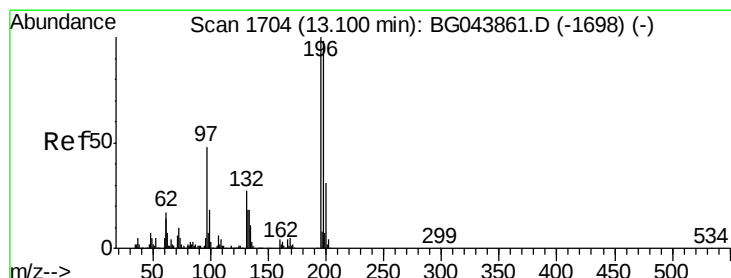
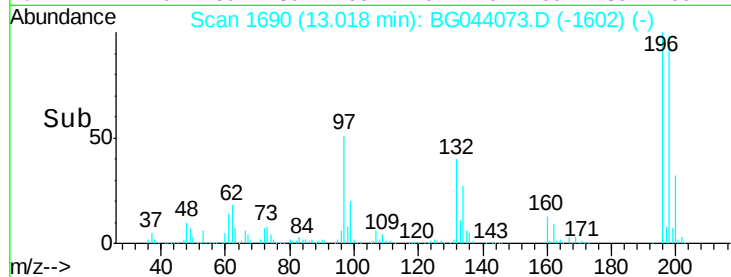
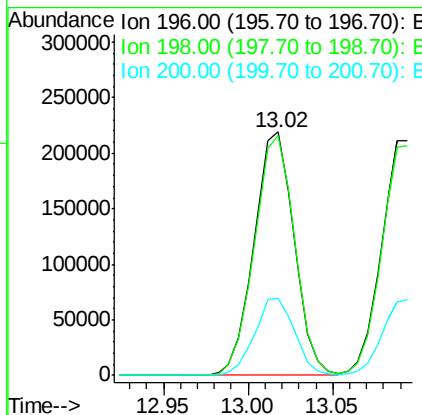
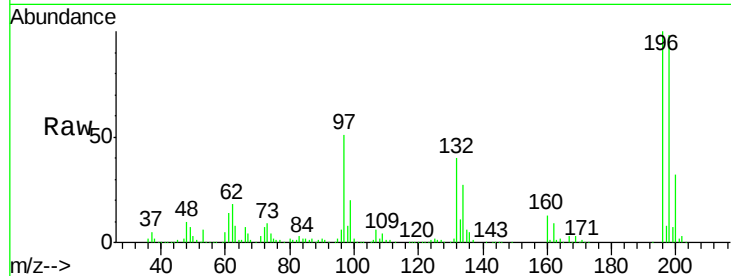




#43
 2,4,6-Trichlorophenol
 Concen: 41.477 ng
 RT: 13.02 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BG044073.D
 Acq: 16 Jan 2020 17:59

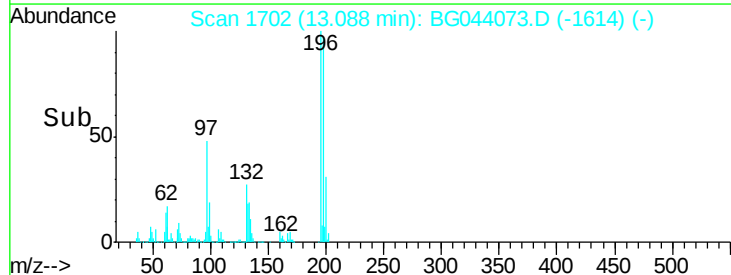
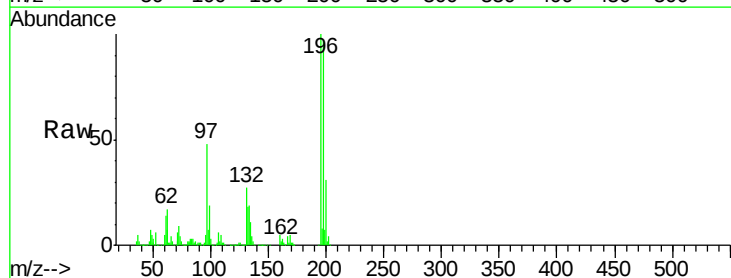
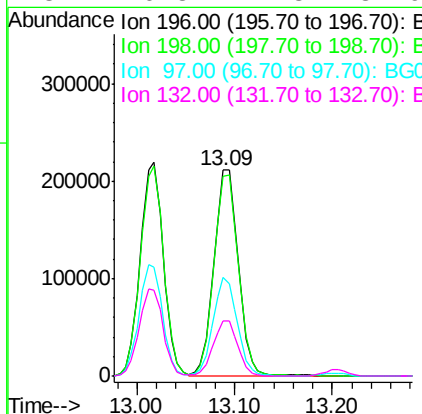
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:196 Resp: 361836
 Ion Ratio Lower Upper
 196 100
 198 98.4 76.6 115.0
 200 32.0 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 40.711 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG044073.D
 Acq: 16 Jan 2020 17:59

Tgt Ion:196 Resp: 366294
 Ion Ratio Lower Upper
 196 100
 198 96.9 78.3 117.5
 97 48.0 38.8 58.2
 132 26.8 21.3 31.9

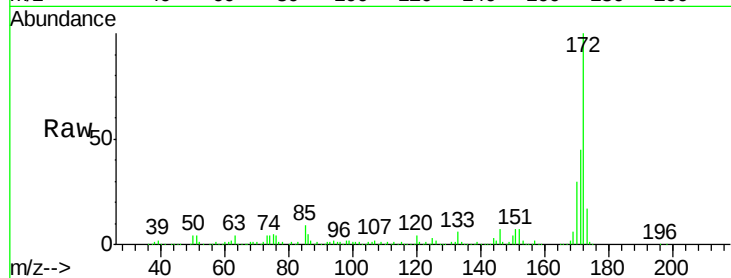




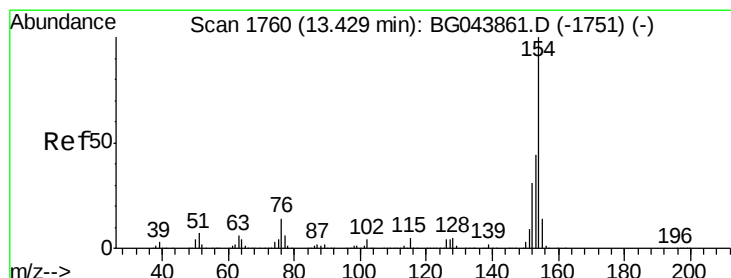
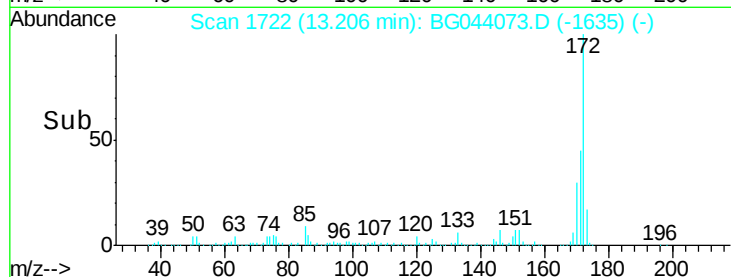
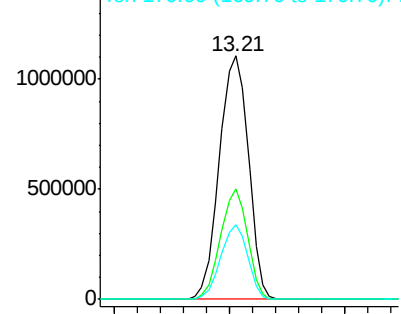
#45
 2-Fluorobiphenyl
 Concen: 80.738 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG044073.D
 Acq: 16 Jan 2020 17:59

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:172 Resp: 1927625
 Ion Ratio Lower Upper
 172 100
 171 45.2 35.8 53.8
 170 30.5 24.2 36.4

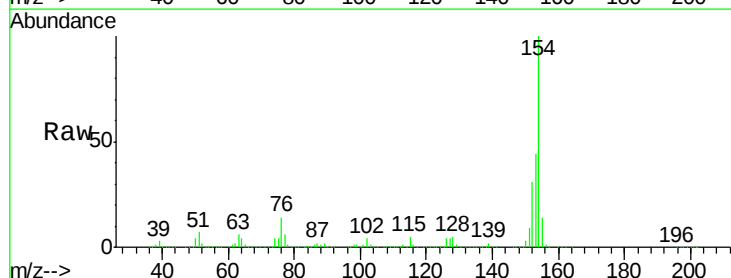


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

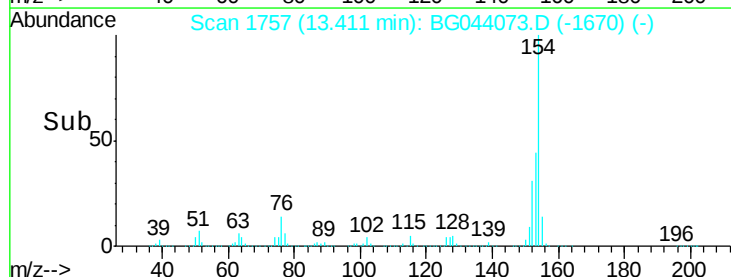
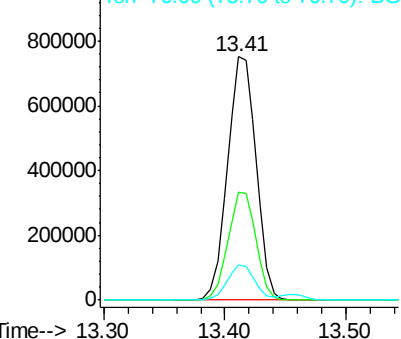


#46
 1,1'-Biphenyl
 Concen: 39.863 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.02 min
 Lab File: BG044073.D
 Acq: 16 Jan 2020 17:59

Tgt Ion:154 Resp: 1236302
 Ion Ratio Lower Upper
 154 100
 153 44.4 23.6 63.6
 76 14.3 0.0 34.4



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

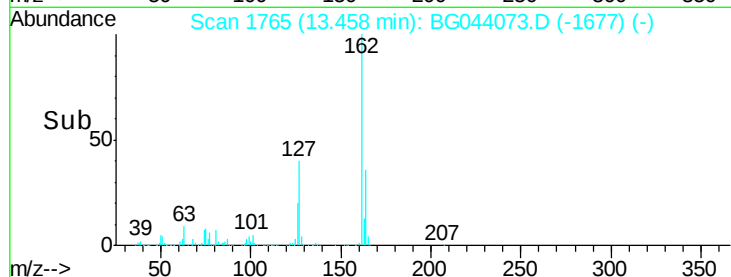
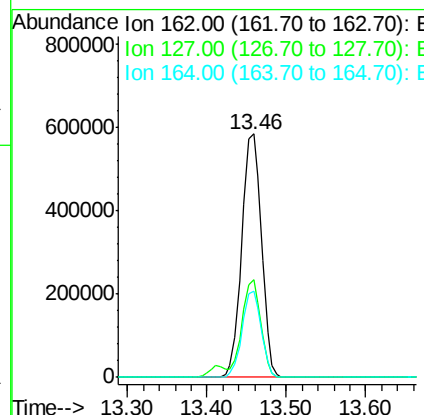
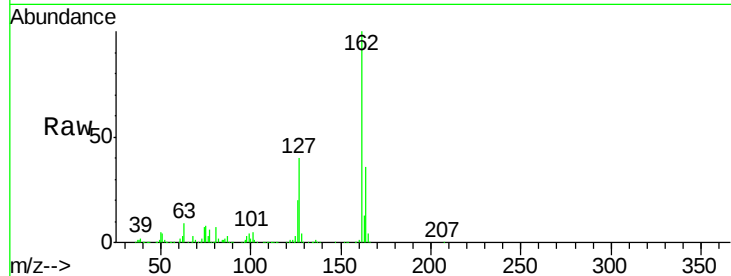




#47
 2-Chloronaphthalene
 Concen: 40.102 ng
 RT: 13.46 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BG044073.D
 Acq: 16 Jan 2020 17:59

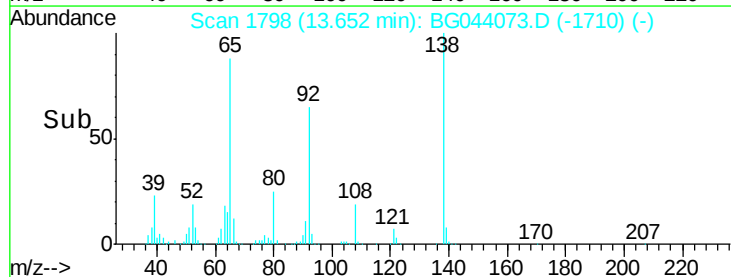
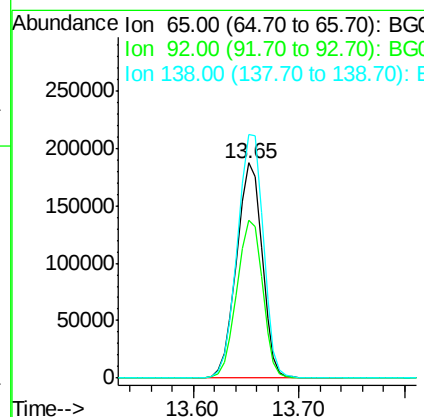
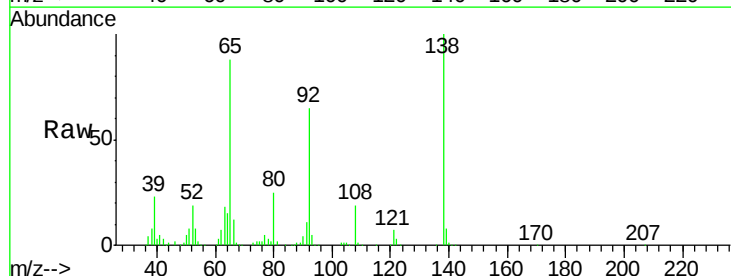
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

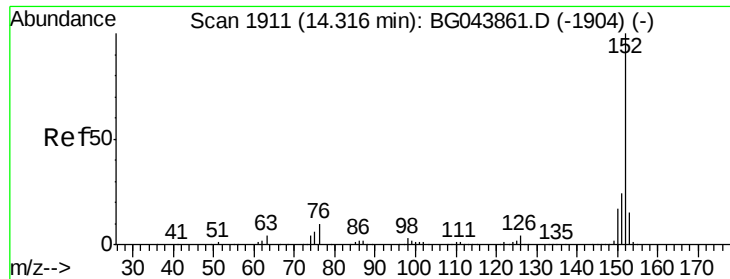
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	32.1	48.1
164	35.6	27.5	41.3



#48
 2-Nitroaniline
 Concen: 38.990 ng
 RT: 13.65 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG044073.D
 Acq: 16 Jan 2020 17:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.4	57.4	86.2
138	113.1	88.2	132.4





#49

Acenaphthylene

Concen: 39.747 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.02 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

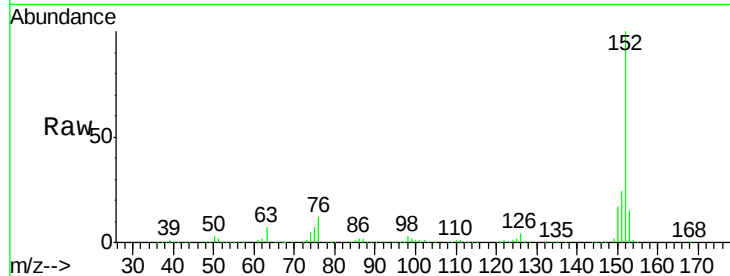
Tot Ion:152 Resp: 1431704

Ion Ratio Lower Upper

152 100

151 24.4 19.4 29.2

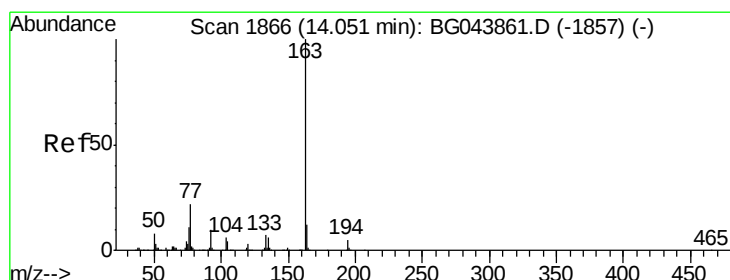
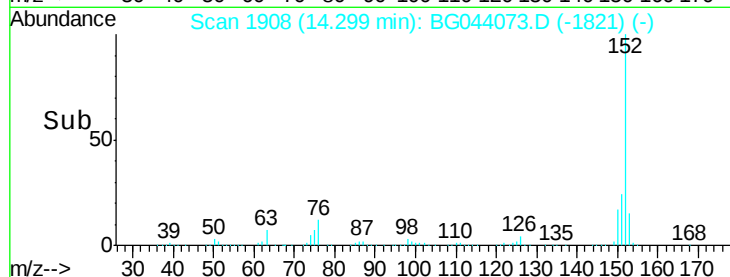
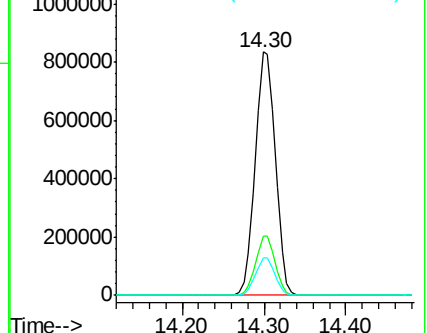
153 15.5 12.0 18.0



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: 38.665 ng

RT: 14.04 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

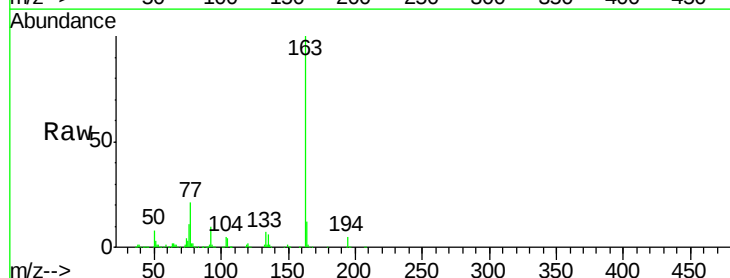
Tgt Ion:163 Resp: 1187535

Ion Ratio Lower Upper

163 100

194 4.7 3.7 5.5

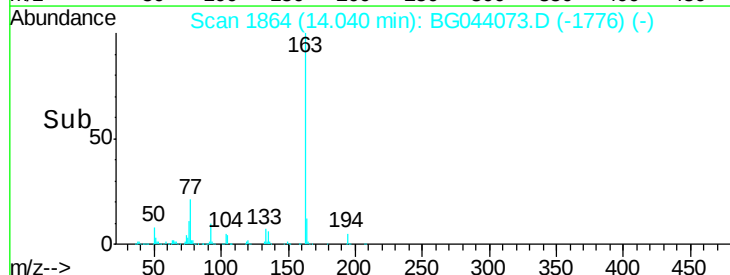
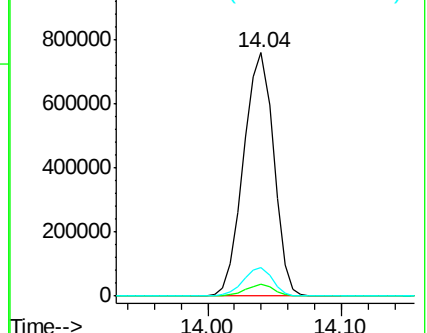
164 11.7 9.3 13.9



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

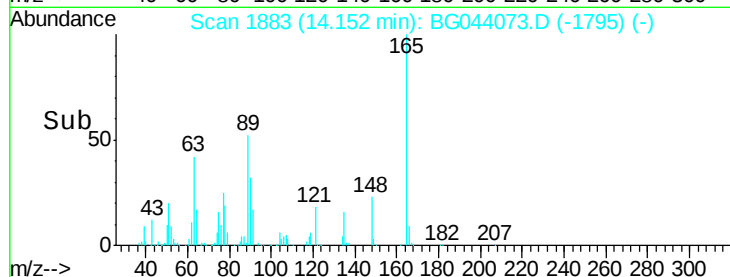
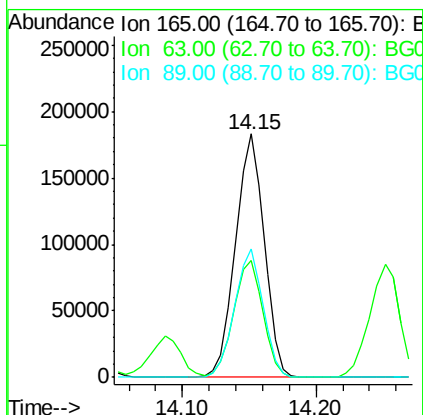
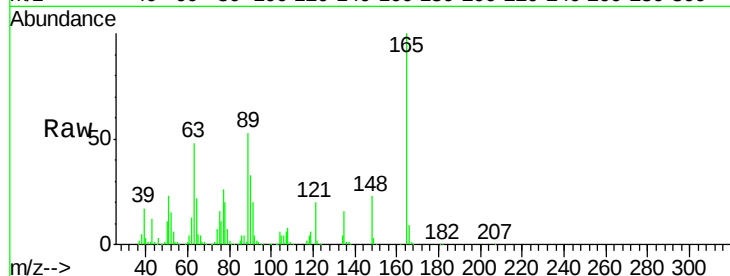




#51
 2,6-Dinitrotoluene
 Concen: 39.404 ng
 RT: 14.15 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: BG044073.D
 Acq: 16 Jan 2020 17:59

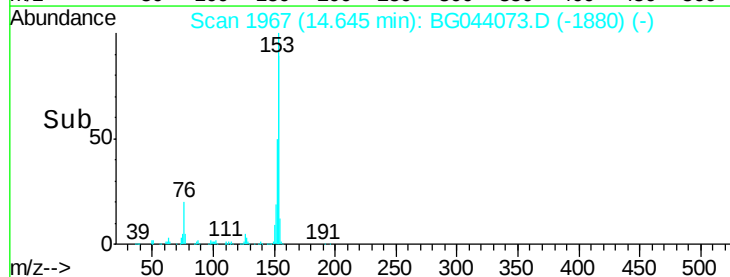
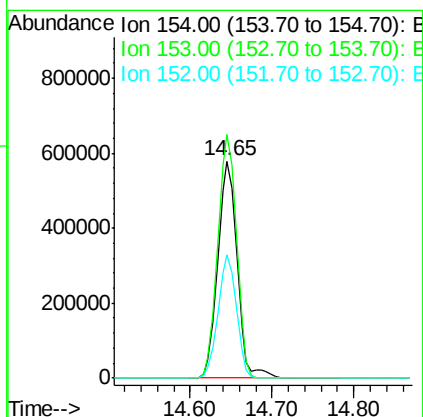
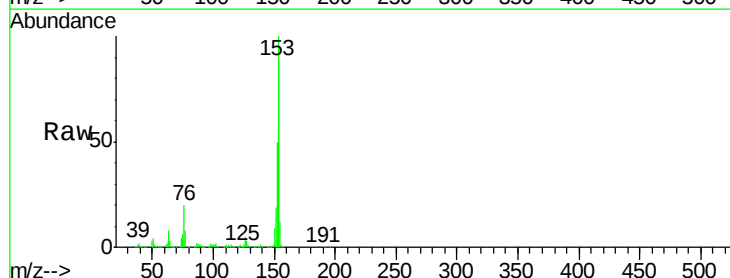
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.0	43.1	64.7
89	52.6	43.8	65.6



#52
 Acenaphthene
 Concen: 37.793 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.02 min
 Lab File: BG044073.D
 Acq: 16 Jan 2020 17:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.1	91.6	137.4
152	56.5	45.4	68.0

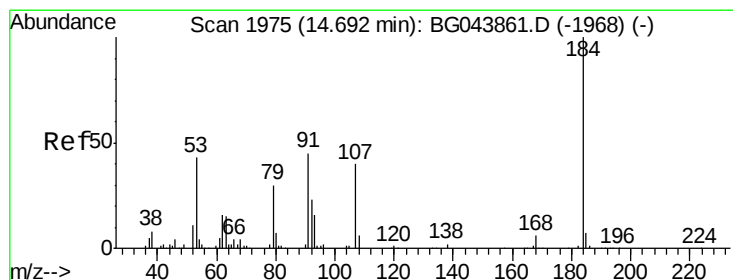
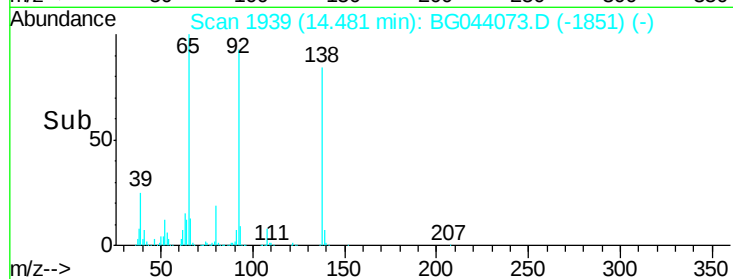
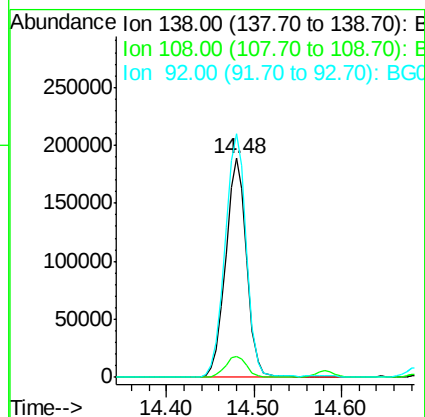
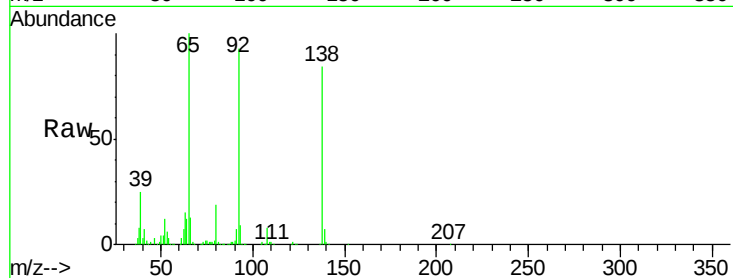




#53
3-Nitroaniline
Concen: 39.638 ng
RT: 14.48 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG044073.D
Acq: 16 Jan 2020 17:59

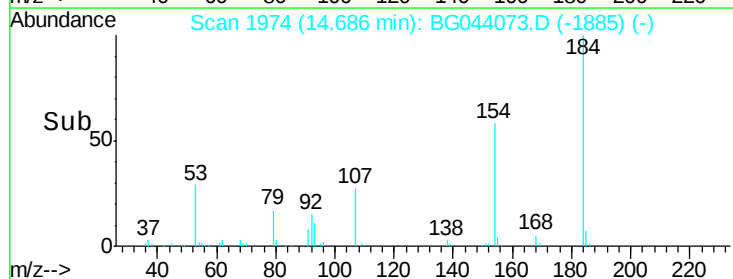
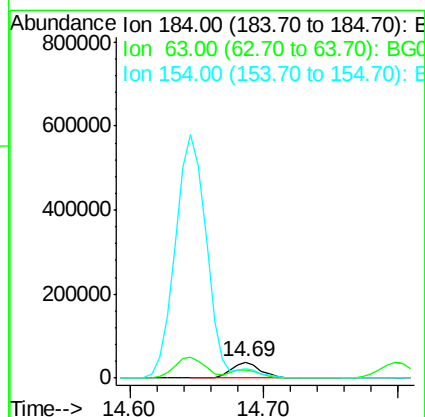
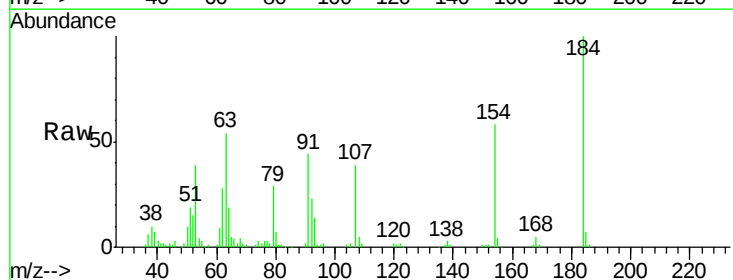
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

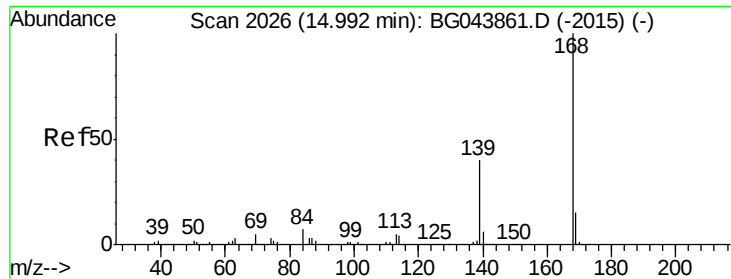
Tot Ion:138 Resp: 312471
Ion Ratio Lower Upper
138 100
108 9.6 7.4 11.2
92 111.1 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 21.443 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG044073.D
Acq: 16 Jan 2020 17:59

Tgt Ion:184 Resp: 60598
Ion Ratio Lower Upper
184 100
63 54.5 46.6 70.0
154 57.5 50.2 75.4

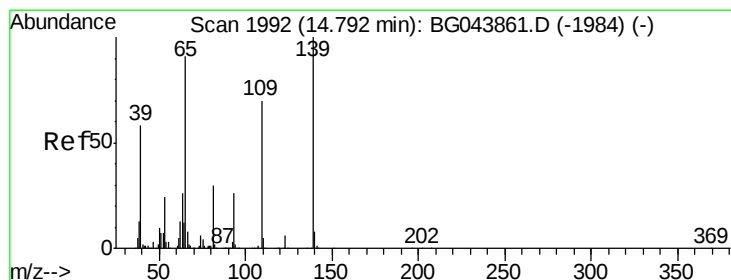
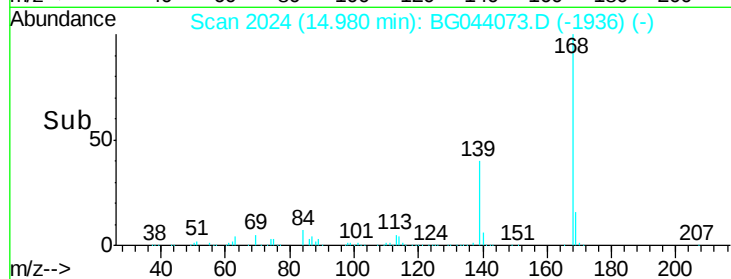
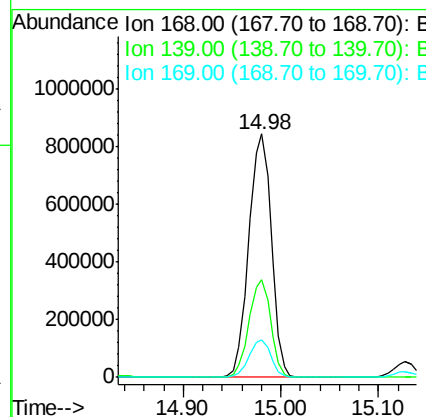
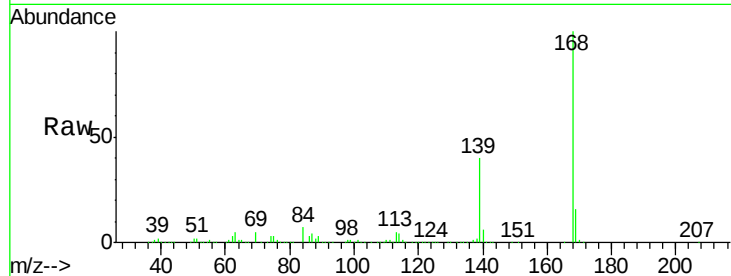




#55
Dibenzofuran
Concen: 39.270 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG044073.D
Acq: 16 Jan 2020 17:59

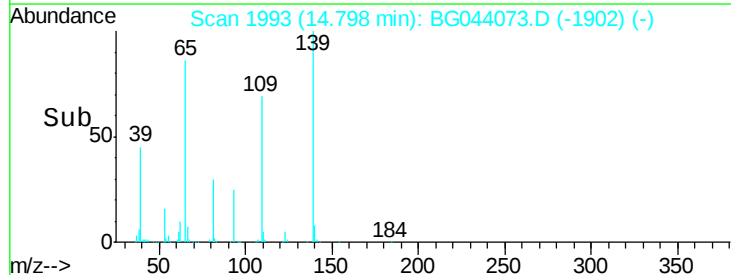
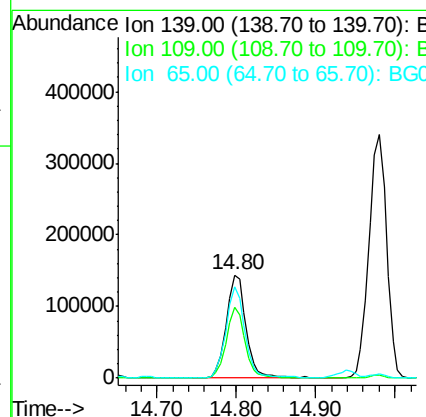
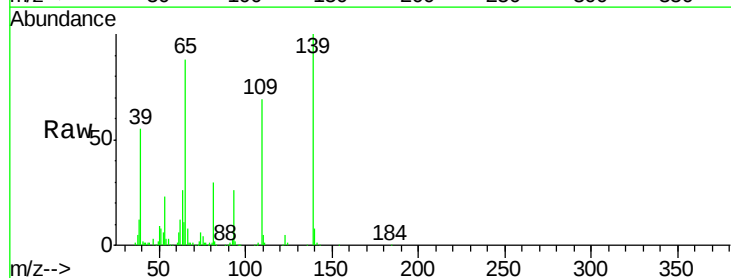
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

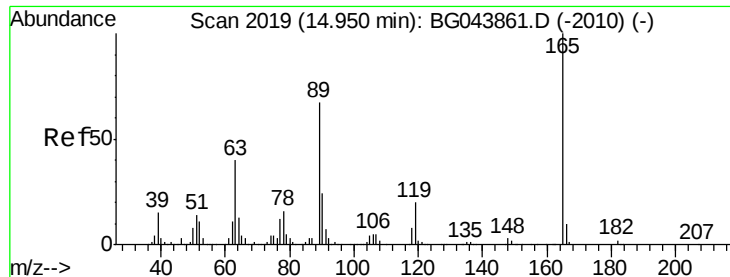
Tot Ion:168 Resp: 1365569
Ion Ratio Lower Upper
168 100
139 40.3 32.2 48.2
169 15.6 12.2 18.2



#56
4-Nitrophenol
Concen: 41.580 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.01 min
Lab File: BG044073.D
Acq: 16 Jan 2020 17:59

Tgt Ion:139 Resp: 251179
Ion Ratio Lower Upper
139 100
109 69.0 50.4 90.4
65 88.0 71.4 111.4

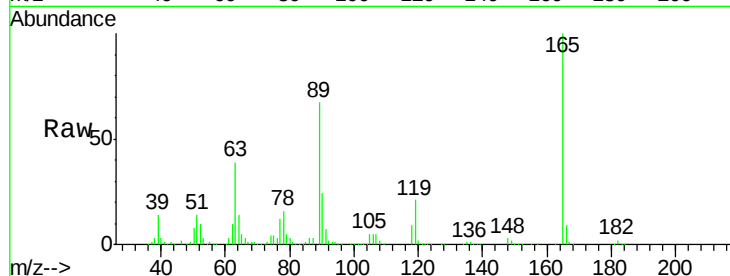




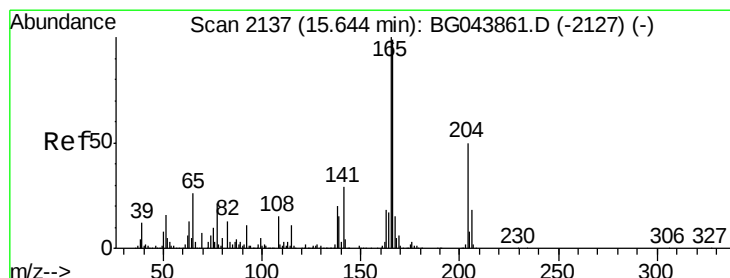
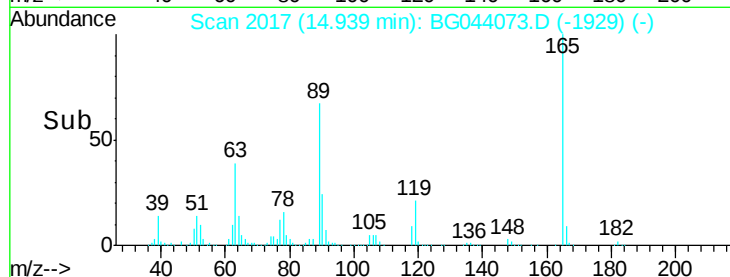
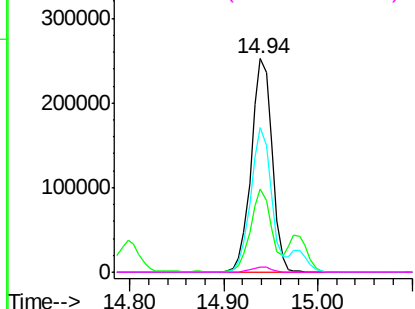
#57
 2,4-Dinitrotoluene
 Concen: 41.005 ng
 RT: 14.94 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BG044073.D
 Acq: 16 Jan 2020 17:59

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	165	Resp:	387333
Ion	Ratio	Lower	Upper
165	100		
63	38.9	31.9	47.9
89	67.5	53.8	80.6
182	2.5	2.0	3.0

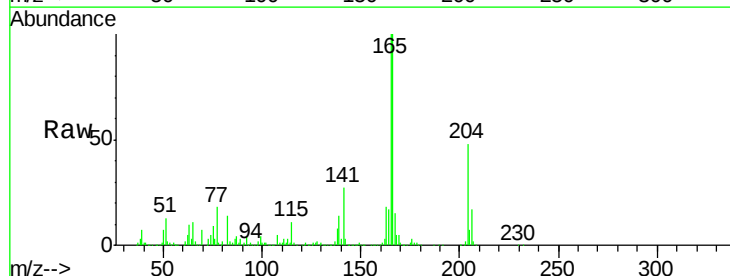


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

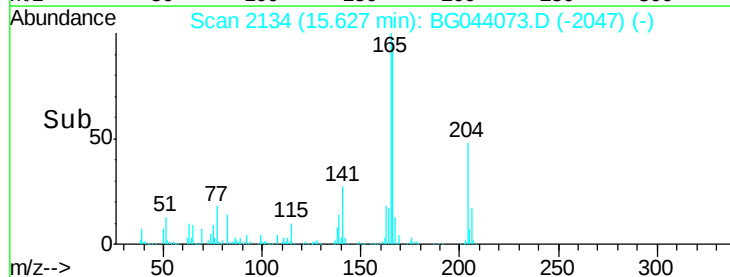
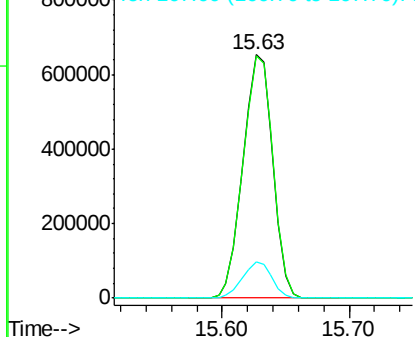


#58
 Fluorene
 Concen: 38.699 ng
 RT: 15.63 min Scan# 2134
 Delta R.T. -0.02 min
 Lab File: BG044073.D
 Acq: 16 Jan 2020 17:59

Tgt Ion:	166	Resp:	1066633
Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.8	121.2
167	15.1	12.1	18.1



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

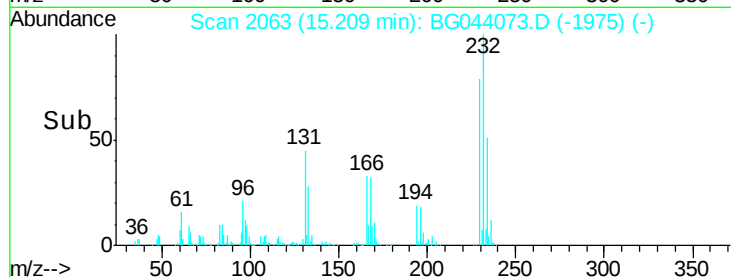
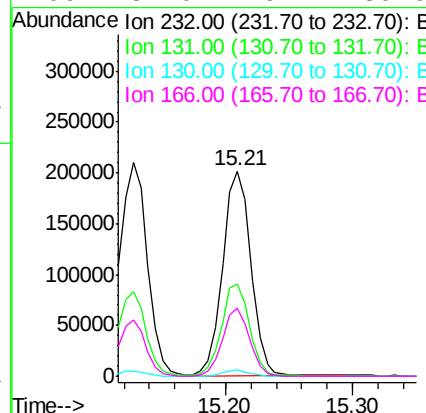
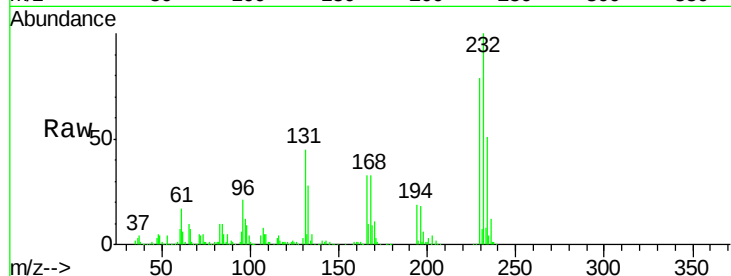




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.219 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: BG044073.D
 Acq: 16 Jan 2020 17:59

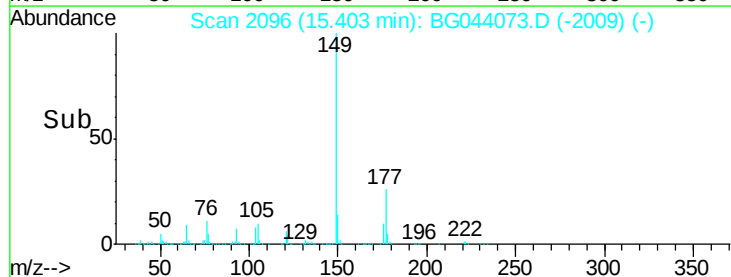
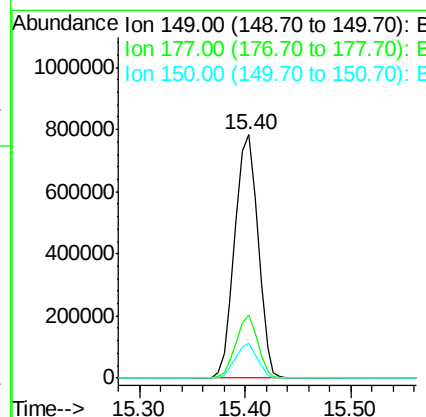
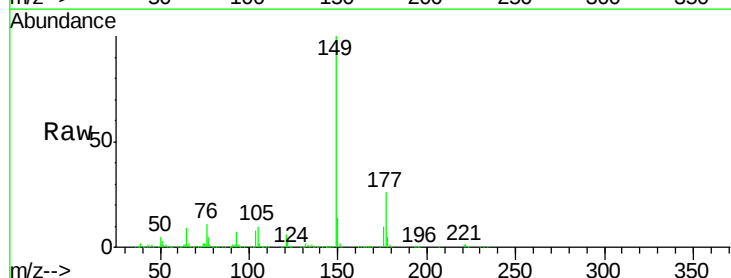
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

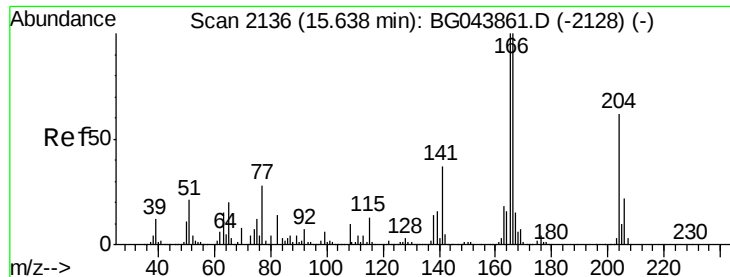
Tot Ion:	232	Resp:	311167
Ion	Ratio	Lower	Upper
232	100		
131	44.8	38.2	57.2
130	2.7	2.2	3.2
166	32.0	26.4	39.6



#60
 Diethylphthalate
 Concen: 38.714 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.02 min
 Lab File: BG044073.D
 Acq: 16 Jan 2020 17:59

Tgt Ion:	149	Resp:	1189261
Ion	Ratio	Lower	Upper
149	100		
177	25.7	20.0	30.0
150	14.5	11.1	16.7

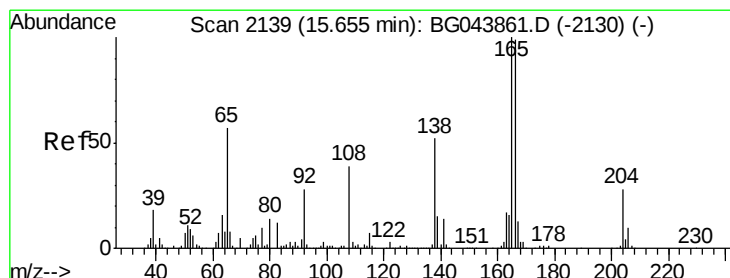
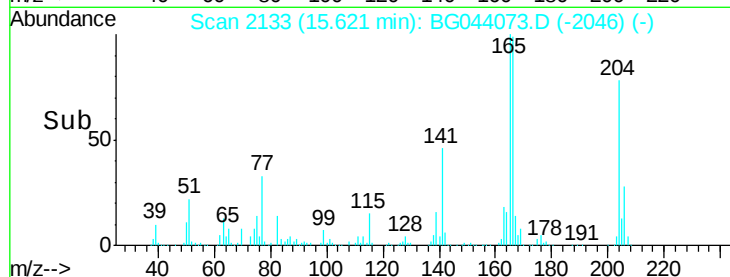
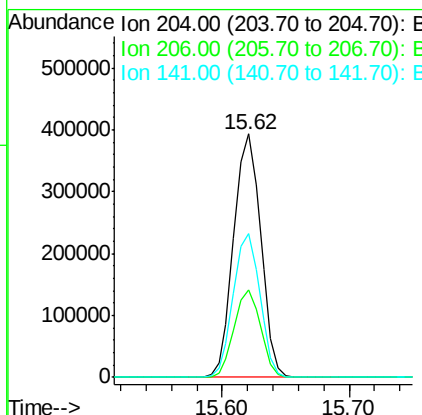
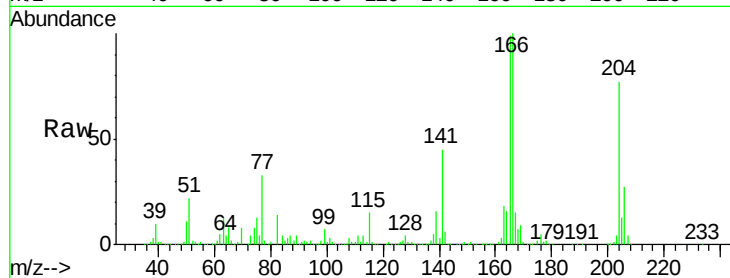




#61
4-Chlorophenyl-phenylether
Concen: 38.766 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BG044073.D
Acq: 16 Jan 2020 17:59

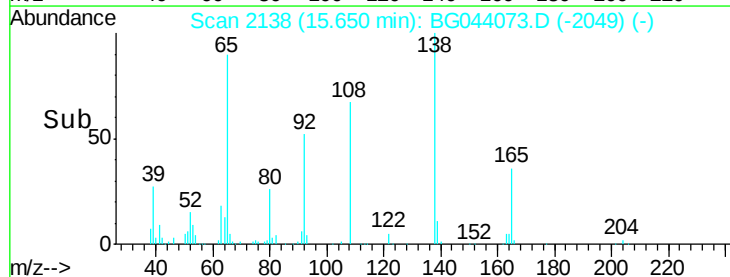
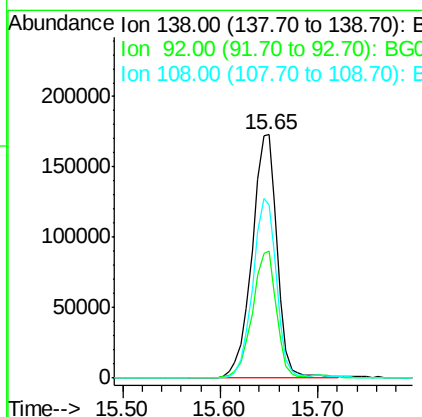
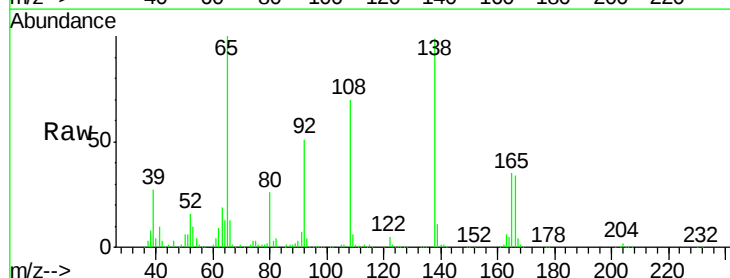
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

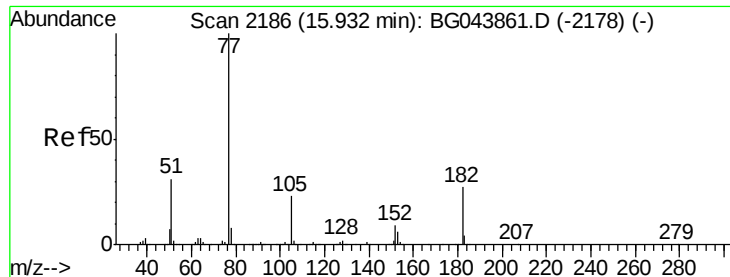
Tot Ion:204 Resp: 580177
Ion Ratio Lower Upper
204 100
206 35.8 28.2 42.2
141 59.2 48.2 72.2



#62
4-Nitroaniline
Concen: 40.291 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BG044073.D
Acq: 16 Jan 2020 17:59

Tgt Ion:138 Resp: 313655
Ion Ratio Lower Upper
138 100
92 52.1 34.3 74.3
108 71.2 55.0 95.0





#63

Azobenzene

Concen: 37.717 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.02 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 1074508

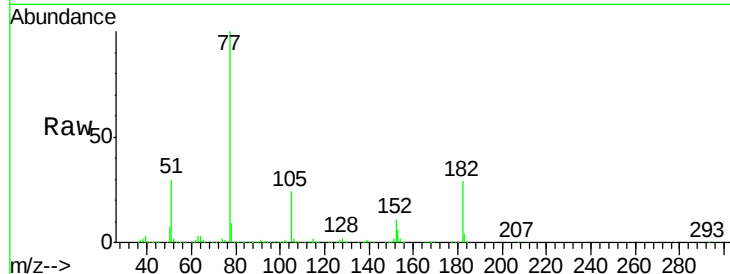
Ion Ratio Lower Upper

77 100

182 28.6 7.3 47.3

105 24.2 3.2 43.2

51 30.1 10.6 50.6

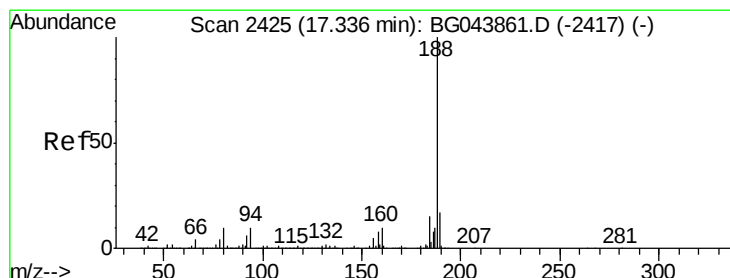
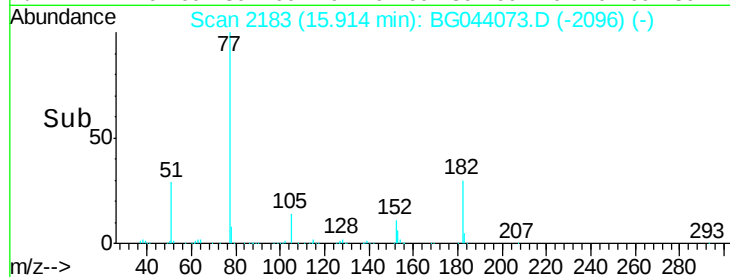
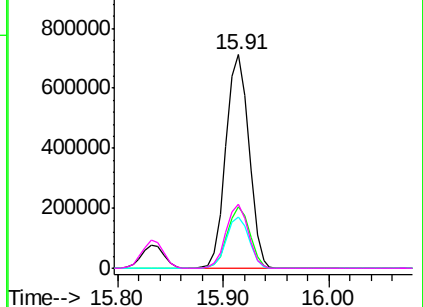


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

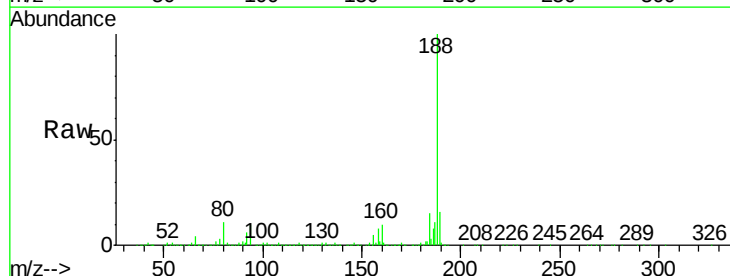
Tgt Ion: 188 Resp: 866771

Ion Ratio Lower Upper

188 100

94 9.8 7.9 11.9

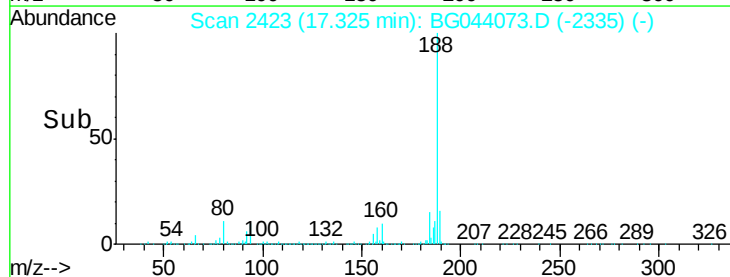
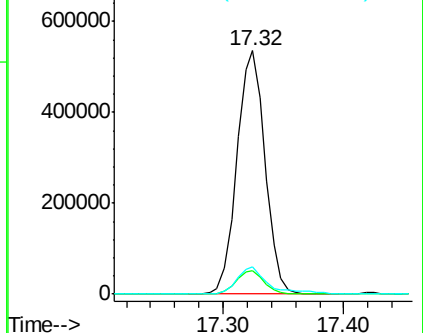
80 11.0 8.2 12.4

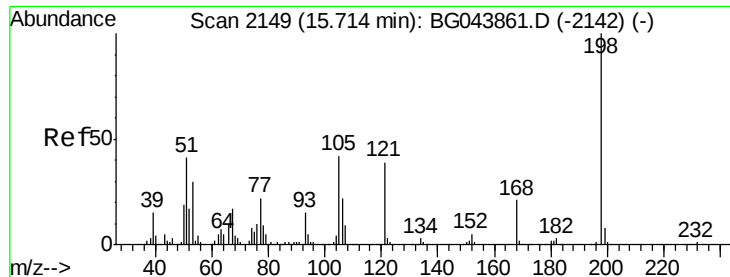


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

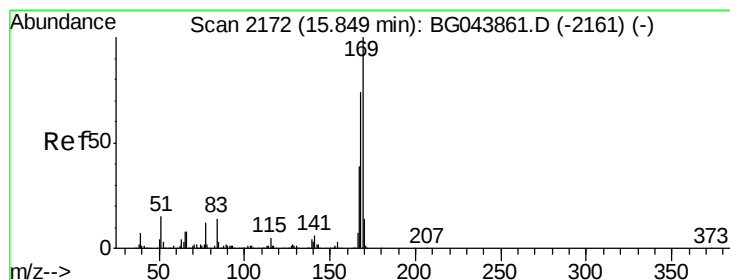
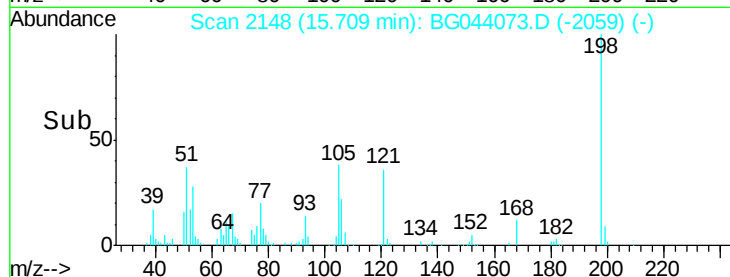
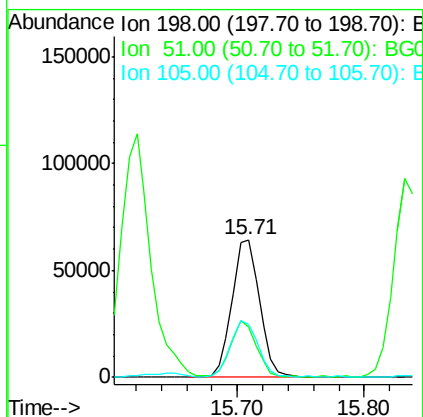
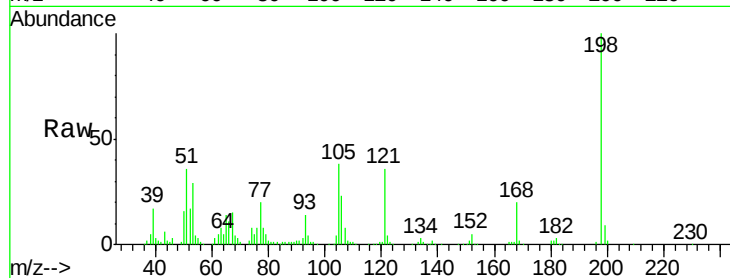




#65
4,6-Dinitro-2-methylphenol
Concen: 24.097 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG044073.D
Acq: 16 Jan 2020 17:59

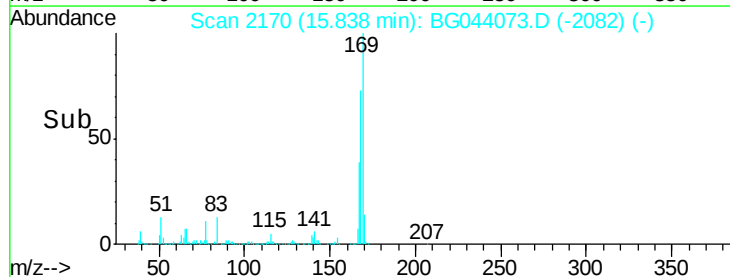
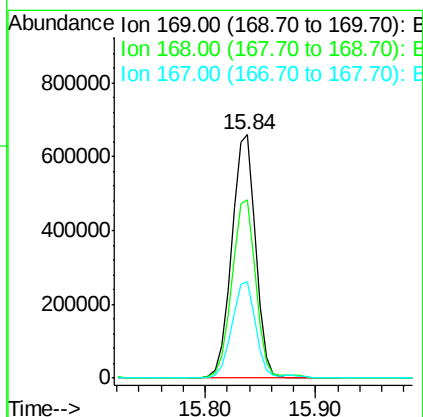
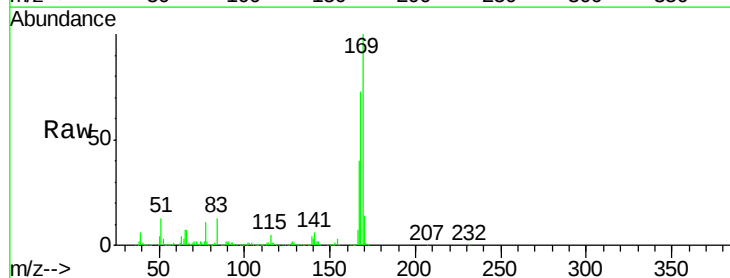
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

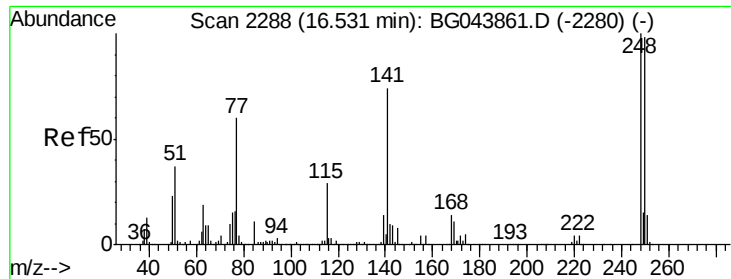
Tot Ion:198 Resp: 96868
Ion Ratio Lower Upper
198 100
51 36.3 22.5 62.5
105 38.0 22.3 62.3



#66
n-Nitrosodiphenylamine
Concen: 39.189 ng
RT: 15.84 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BG044073.D
Acq: 16 Jan 2020 17:59

Tgt Ion:169 Resp: 1000321
Ion Ratio Lower Upper
169 100
168 73.1 59.0 88.6
167 39.5 31.4 47.0

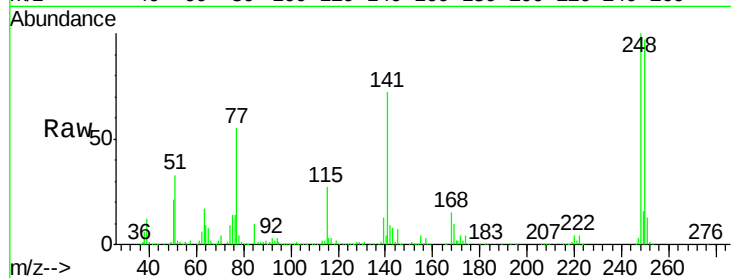




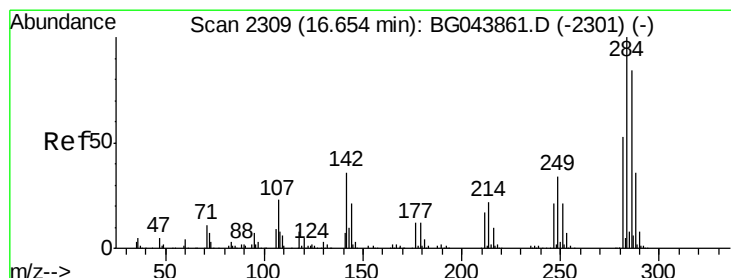
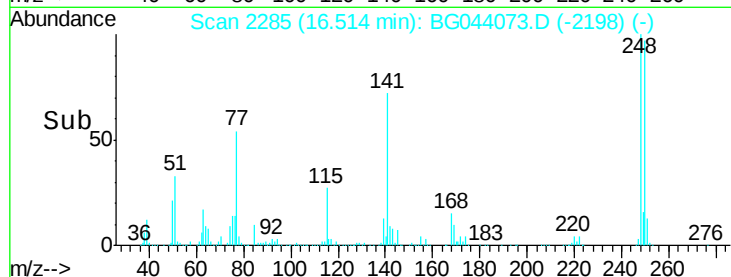
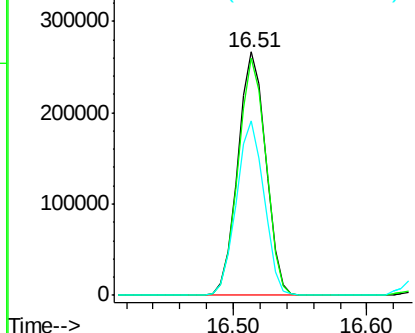
#67
 4-Bromophenyl-phenylether
 Concen: 39.574 ng
 RT: 16.51 min Scan# 2285
 Delta R.T. -0.02 min
 Lab File: BG044073.D
 Acq: 16 Jan 2020 17:59

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:248 Resp: 385789
 Ion Ratio Lower Upper
 248 100
 250 97.2 78.2 117.2
 141 71.6 59.3 88.9

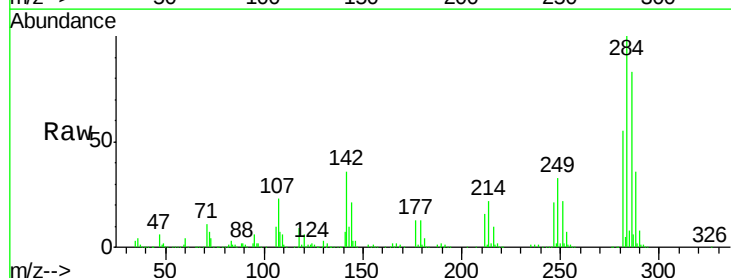


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

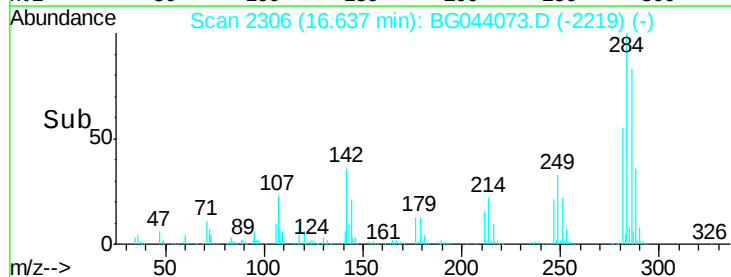
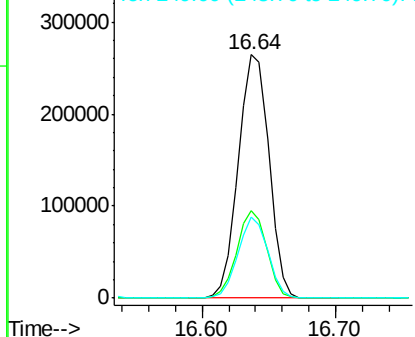


#68
 Hexachlorobenzene
 Concen: 40.003 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.02 min
 Lab File: BG044073.D
 Acq: 16 Jan 2020 17:59

Tgt Ion:284 Resp: 420205
 Ion Ratio Lower Upper
 284 100
 142 35.8 28.6 43.0
 249 33.3 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: 37.079 ng

RT: 16.78 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

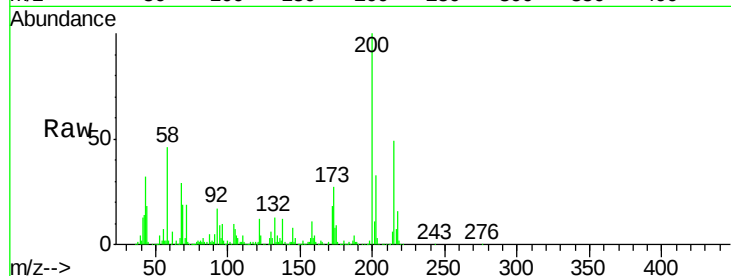
Tot Ion:200 Resp: 307644

Ion Ratio Lower Upper

200 100

173 26.8 6.6 46.6

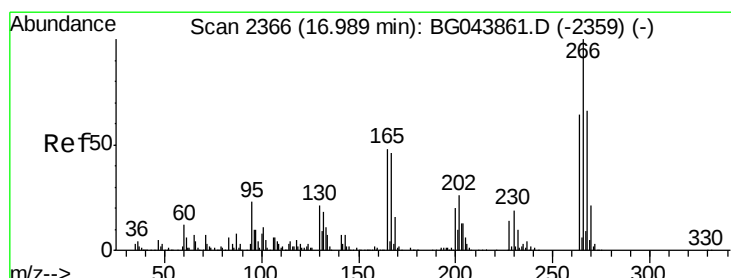
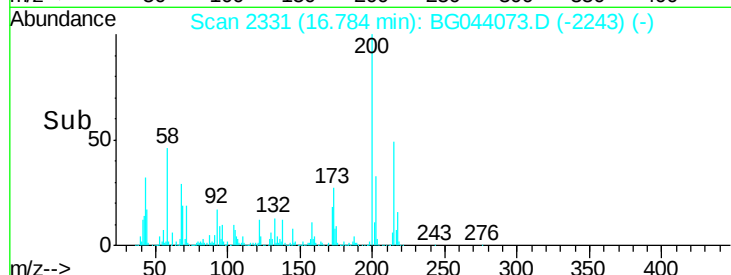
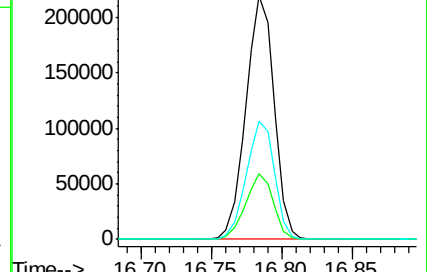
215 48.7 28.6 68.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 42.964 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.01 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

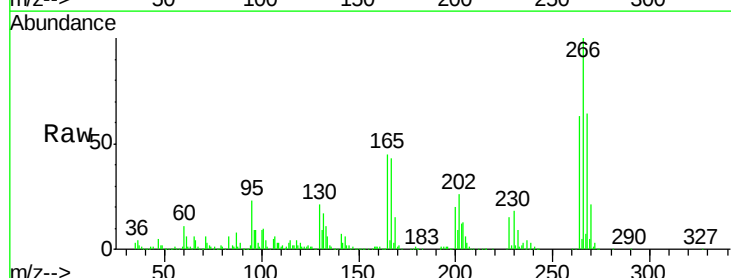
Tgt Ion:266 Resp: 248786

Ion Ratio Lower Upper

266 100

268 64.1 52.6 79.0

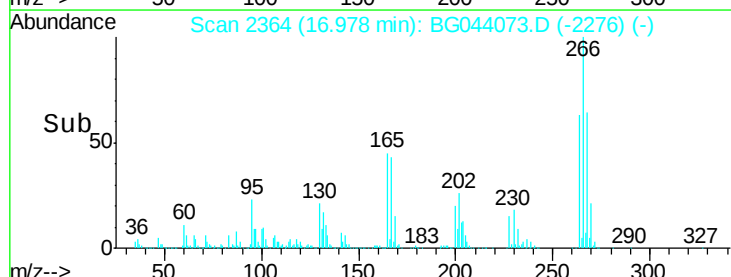
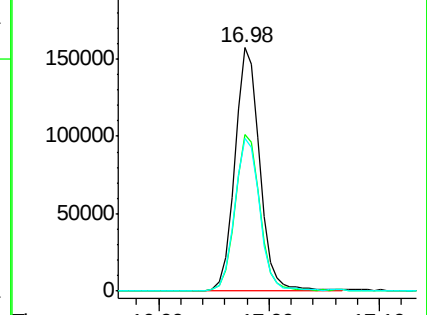
264 62.7 50.8 76.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

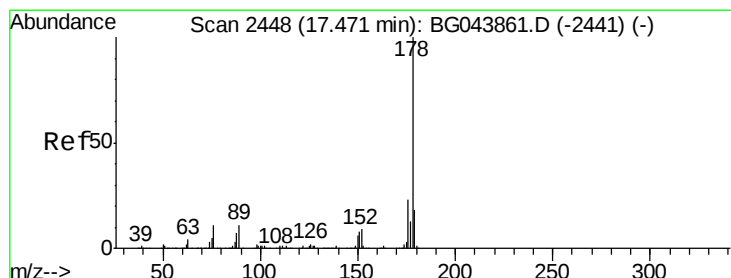
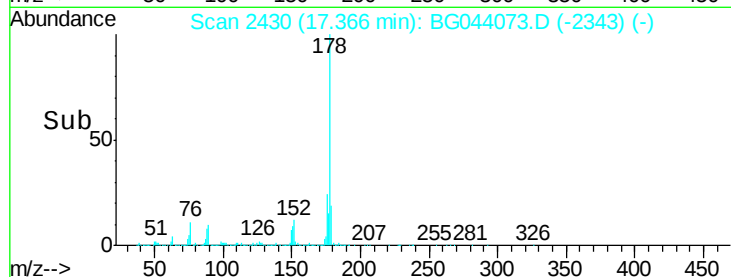
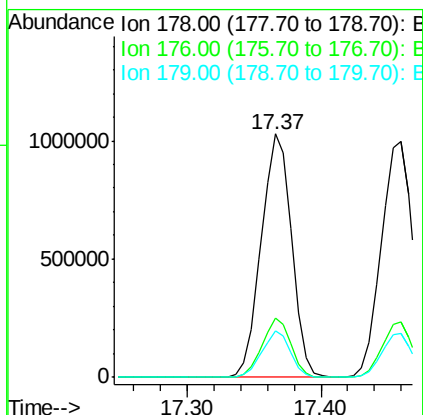
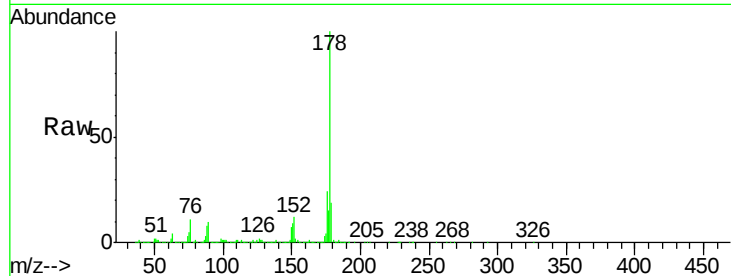




#71
Phenanthrene
Concen: 38.951 ng
RT: 17.37 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BG044073.D
Acq: 16 Jan 2020 17:59

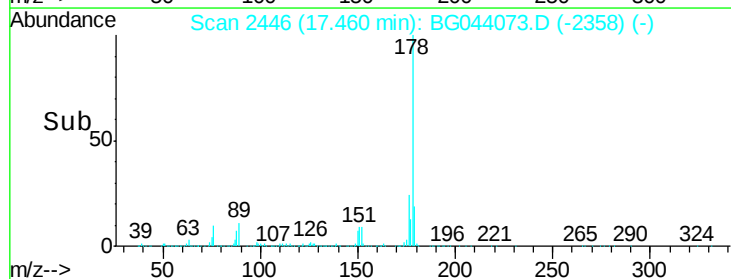
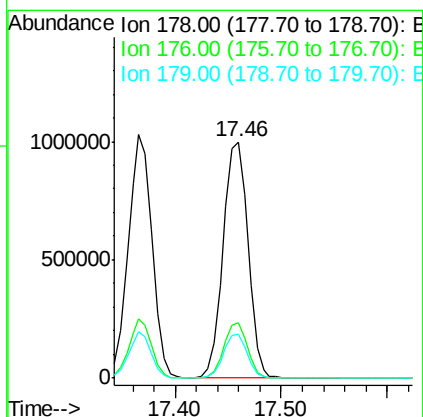
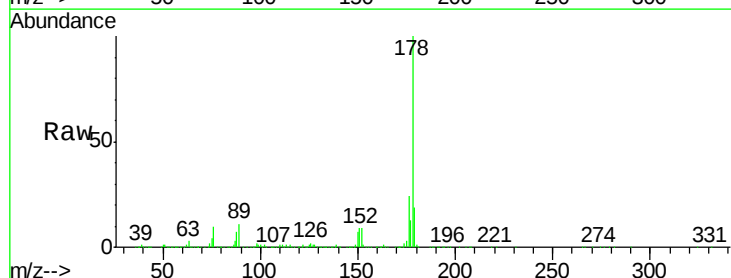
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

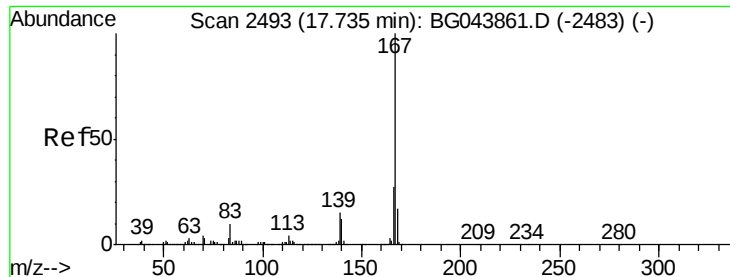
Tot Ion:178 Resp: 1619381
Ion Ratio Lower Upper
178 100
176 24.3 18.6 28.0
179 19.3 14.4 21.6



#72
Anthracene
Concen: 39.771 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG044073.D
Acq: 16 Jan 2020 17:59

Tgt Ion:178 Resp: 1634087
Ion Ratio Lower Upper
178 100
176 23.5 18.3 27.5
179 18.9 14.6 22.0



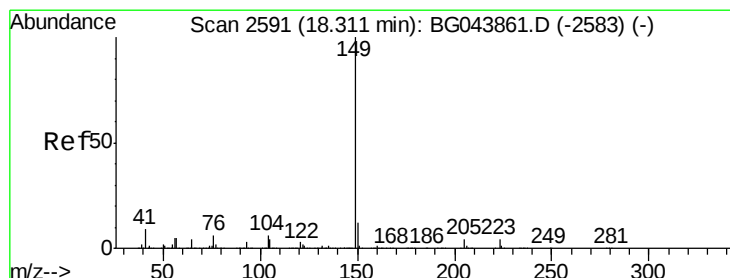
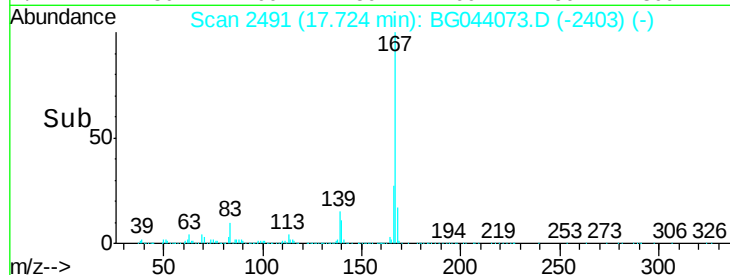
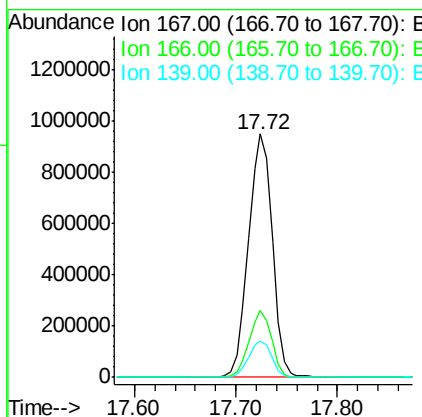
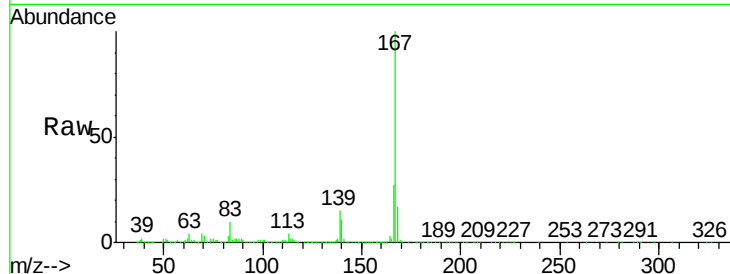


#73
 Carbazole
 Concen: 40.728 ng
 RT: 17.72 min Scan# 2491
 Delta R.T. -0.01 min
 Lab File: BG044073.D
 Acq: 16 Jan 2020 17:59

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:167 Resp: 1545779

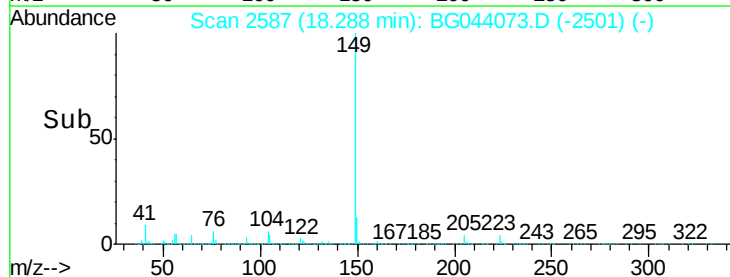
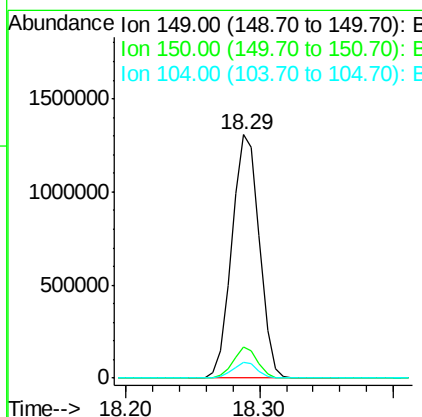
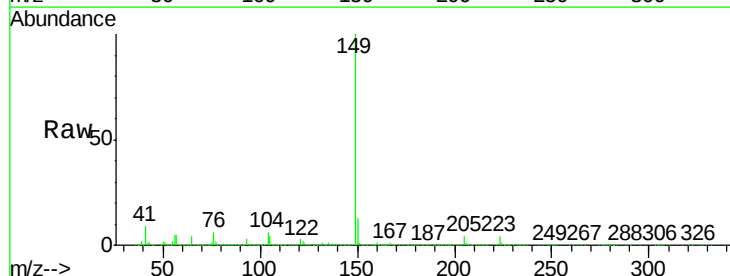
Ion	Ratio	Lower	Upper
167	100		
166	27.3	21.6	32.4
139	15.1	12.1	18.1

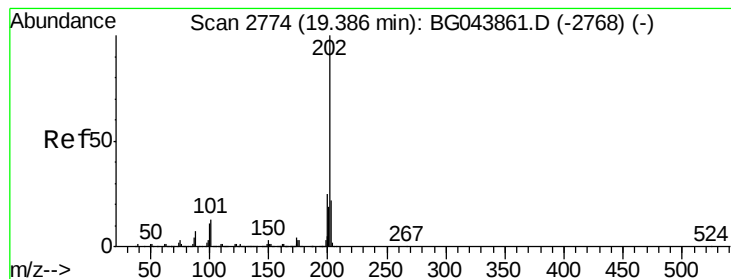


#74
 Di-n-butylphthalate
 Concen: 38.595 ng
 RT: 18.29 min Scan# 2587
 Delta R.T. -0.02 min
 Lab File: BG044073.D
 Acq: 16 Jan 2020 17:59

Tgt Ion:149 Resp: 1870221

Ion	Ratio	Lower	Upper
149	100		
150	12.6	9.7	14.5
104	6.4	5.0	7.4





#75

Fluoranthene

Concen: 38.132 ng

RT: 19.38 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

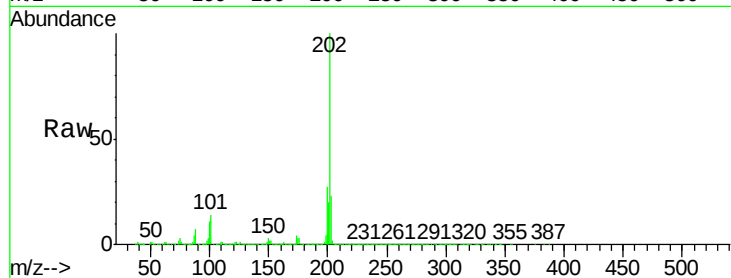
Tot Ion:202 Resp: 1813063

Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.3

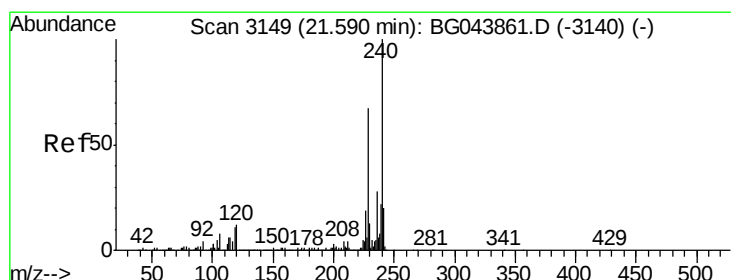
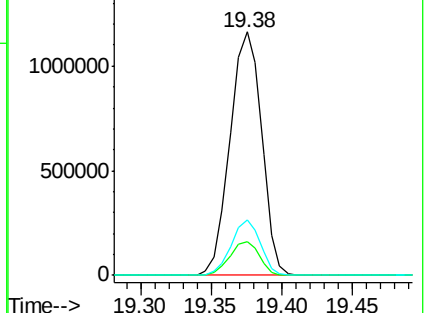
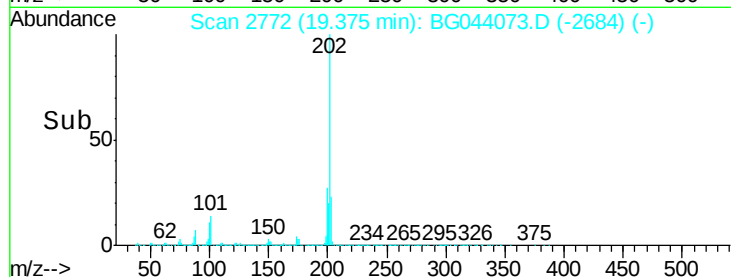
203 22.6 1.6 41.6



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: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

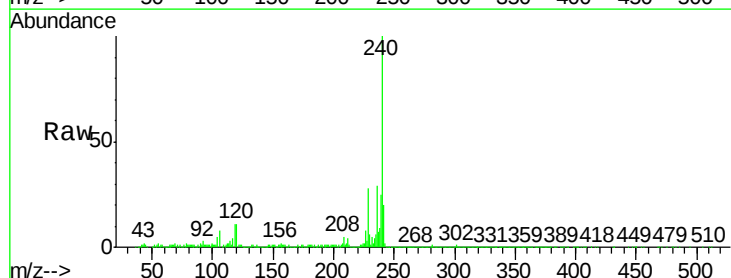
Tgt Ion:240 Resp: 756915

Ion Ratio Lower Upper

240 100

120 11.3 9.6 14.4

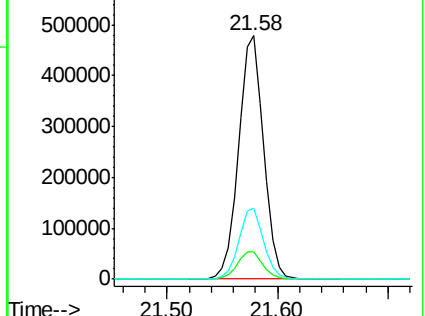
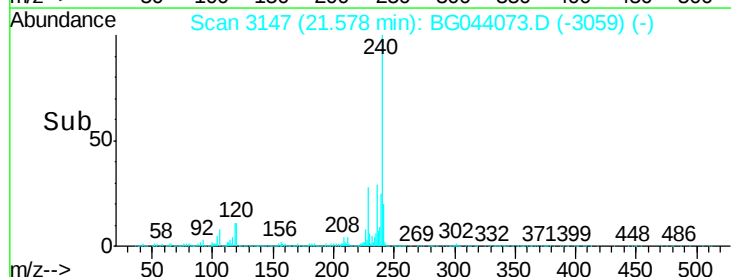
236 29.3 22.2 33.2

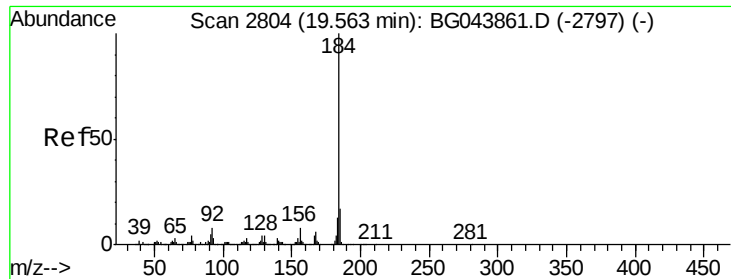


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.487 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.01 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

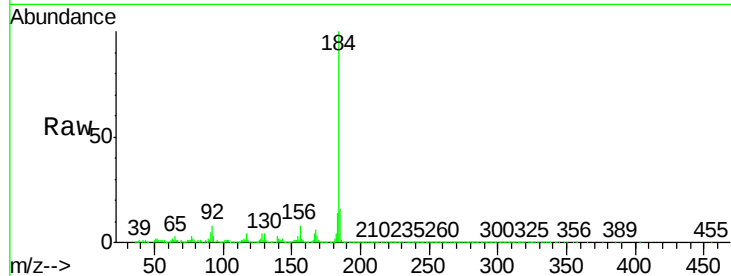
Tot Ion:184 Resp: 903469

Ion Ratio Lower Upper

184 100

185 16.0 13.4 20.0

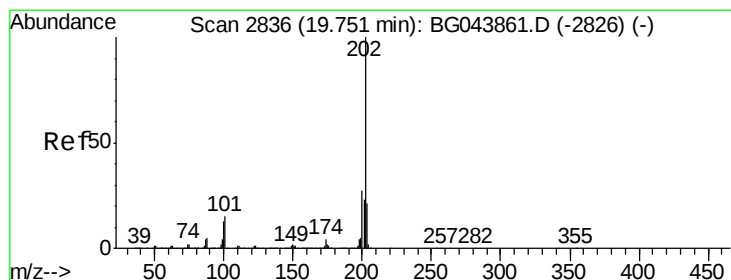
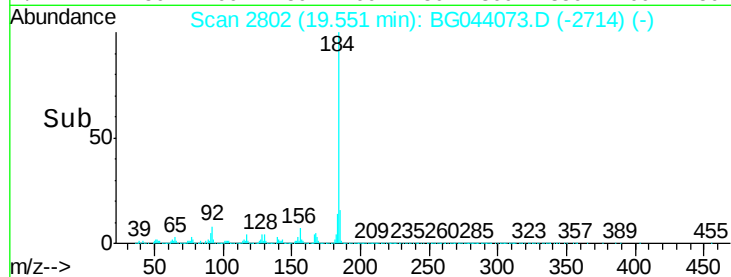
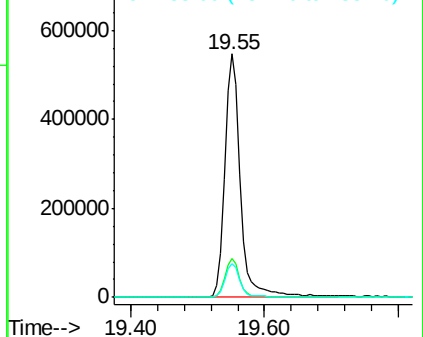
183 13.8 10.6 15.8



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: 37.265 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.02 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

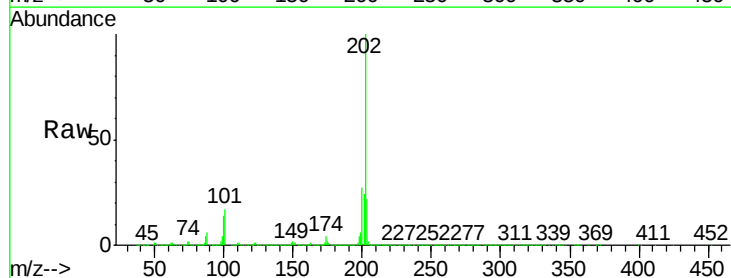
Tgt Ion:202 Resp: 1841159

Ion Ratio Lower Upper

202 100

200 27.5 21.7 32.5

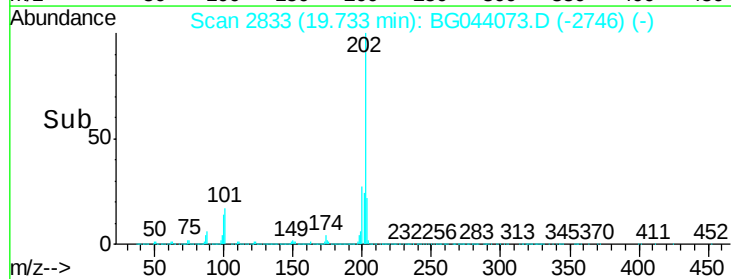
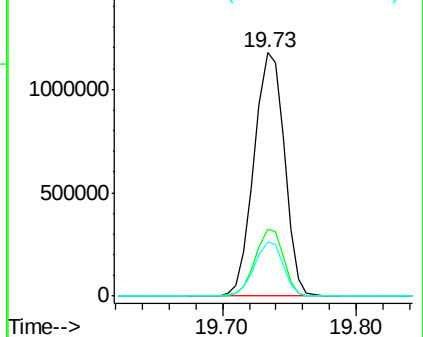
203 22.3 17.0 25.6

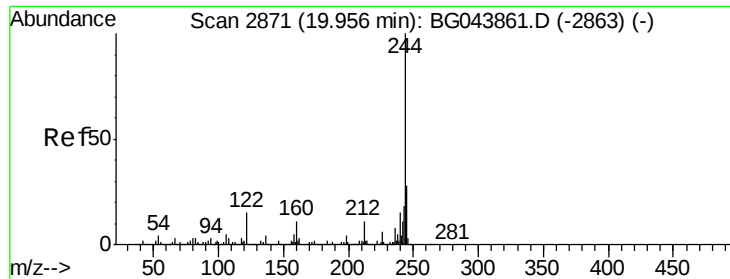


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.307 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.02 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

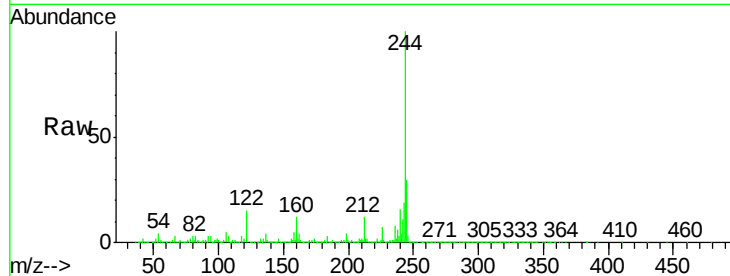
Tot Ion:244 Resp: 2390138

Ion	Ratio	Lower	Upper
244	100		
212	11.7	8.6	13.0
122	14.9	11.9	17.9

244 100

212 11.7 8.6 13.0

122 14.9 11.9 17.9

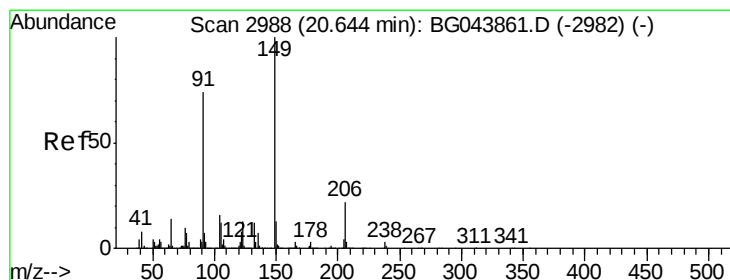
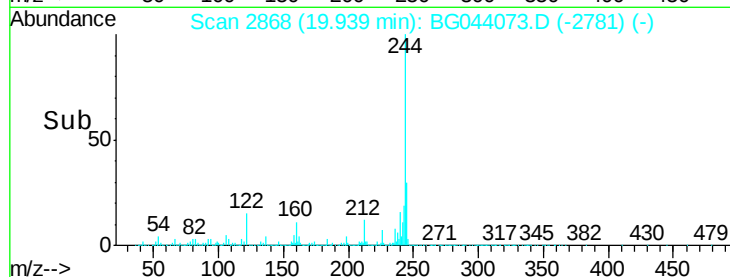
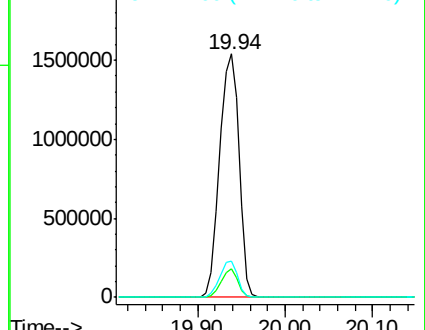


Abundance

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: 39.469 ng

RT: 20.63 min Scan# 2985

Delta R.T. -0.02 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

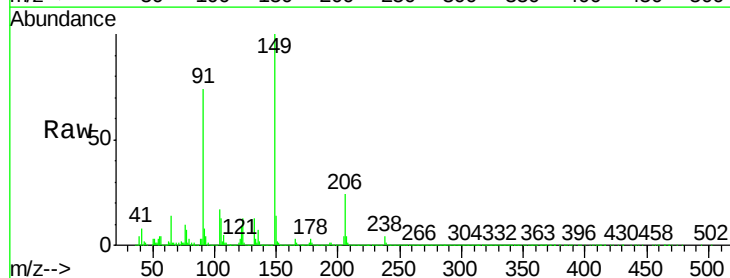
Tgt Ion:149 Resp: 928402

Ion	Ratio	Lower	Upper
149	100		
91	73.9	59.5	89.3
206	24.1	17.8	26.6

149 100

91 73.9 59.5 89.3

206 24.1 17.8 26.6

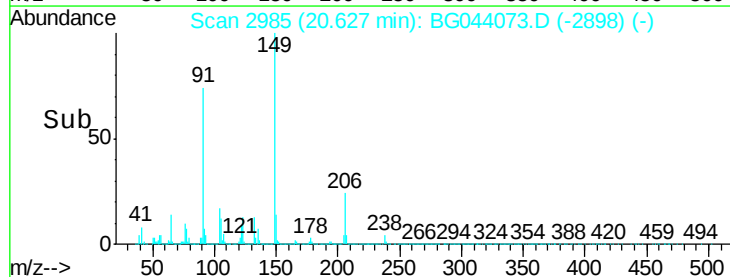
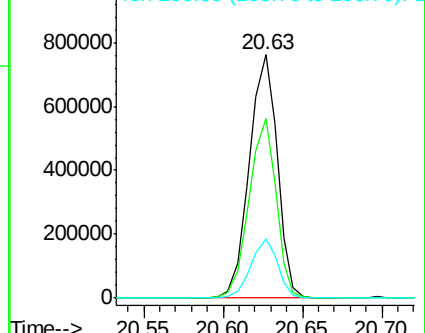


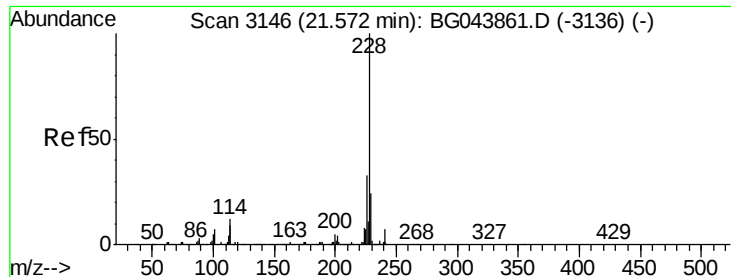
Abundance

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: 39.690 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

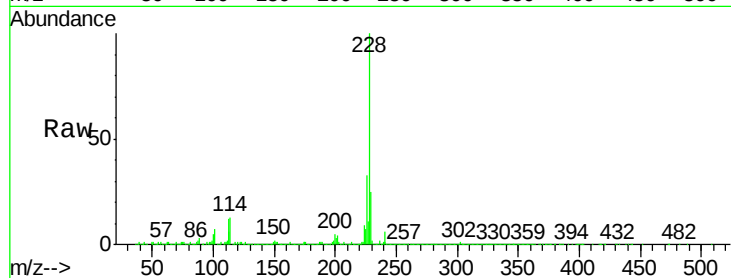
Tot Ion:228 Resp: 1862827

Ion Ratio Lower Upper

228 100

226 33.3 26.2 39.4

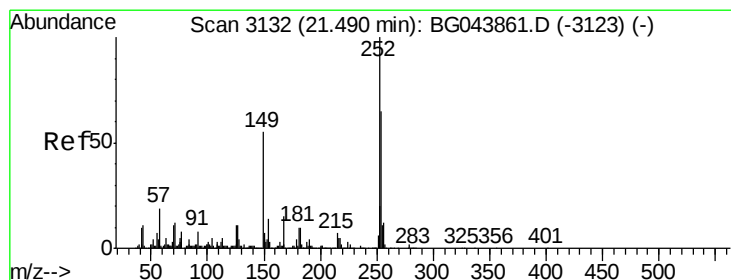
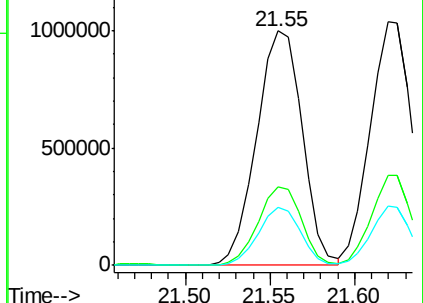
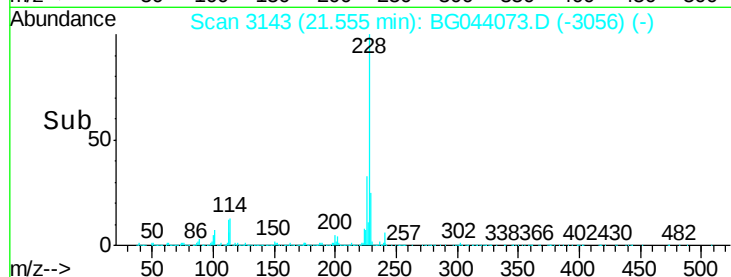
229 25.0 18.9 28.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.071 ng

RT: 21.47 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

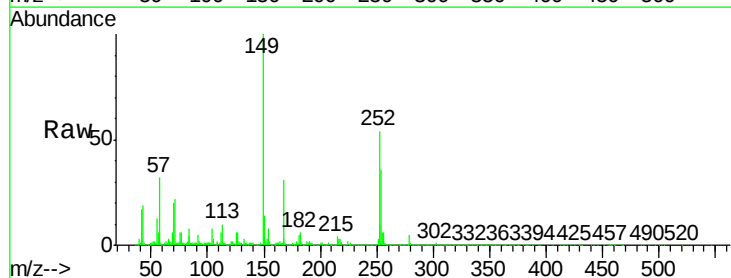
Tgt Ion:252 Resp: 724468

Ion Ratio Lower Upper

252 100

254 67.6 52.1 78.1

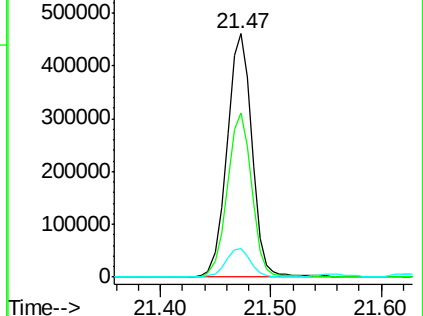
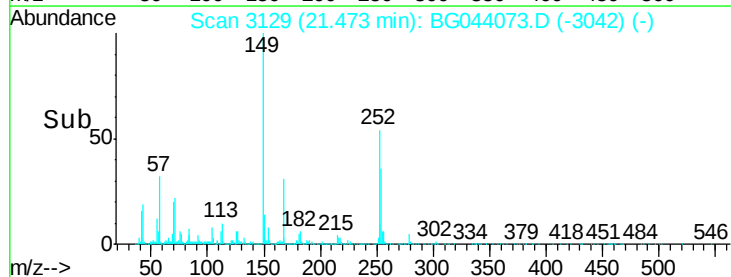
126 11.6 9.1 13.7

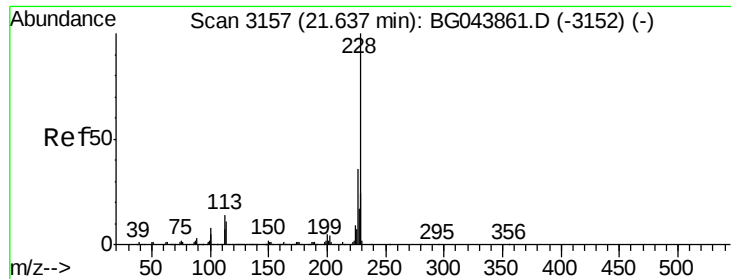


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



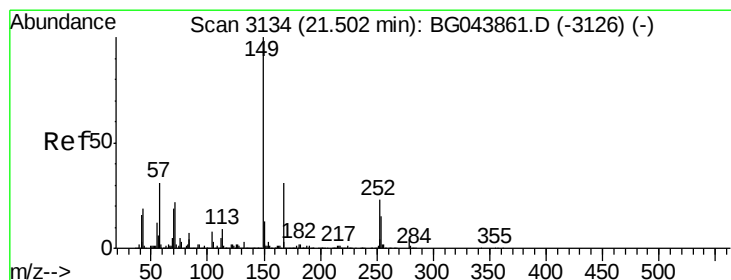
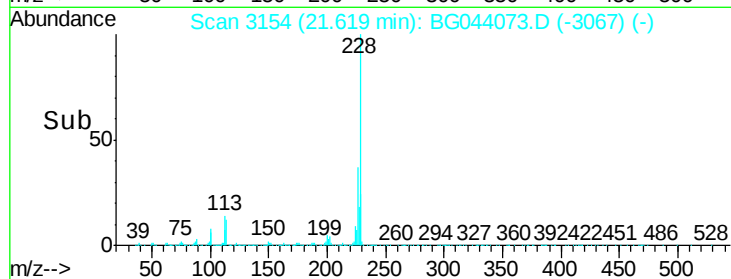
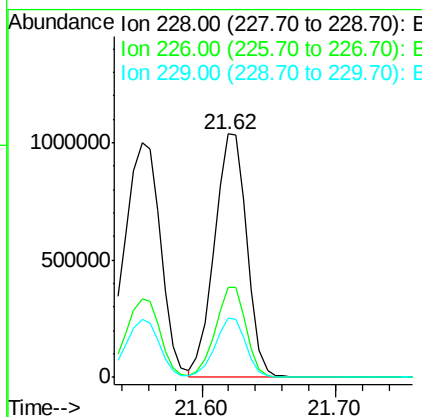
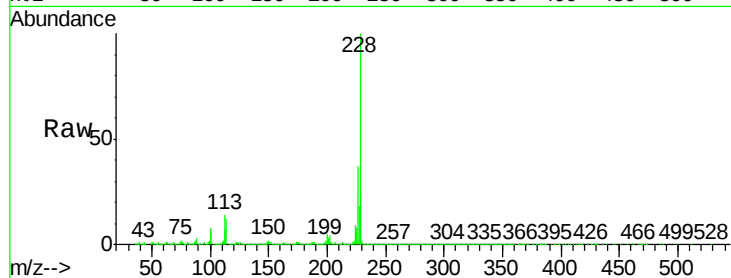


#83
 Chrysene
 Concen: 39.439 ng
 RT: 21.62 min Scan# 3154
 Delta R.T. -0.02 min
 Lab File: BG044073.D
 Acq: 16 Jan 2020 17:59

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:228 Resp: 1758835

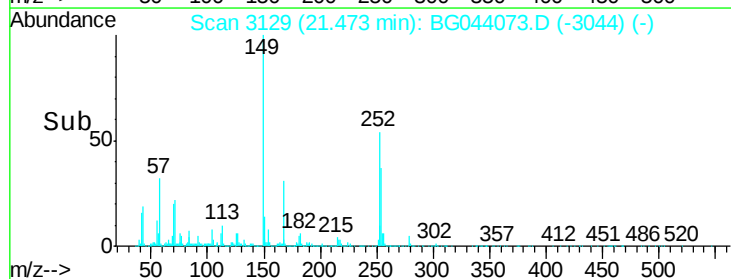
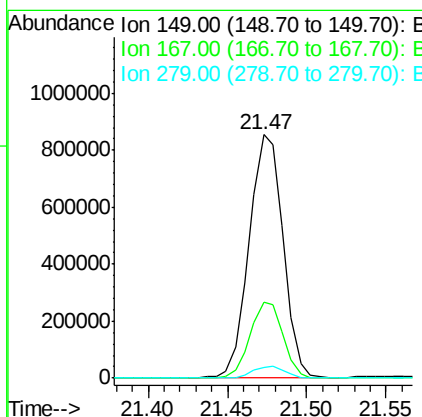
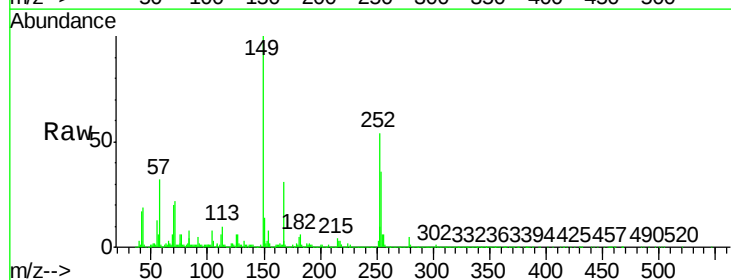
Ion	Ratio	Lower	Upper
228	100		
226	37.2	28.8	43.2
229	24.4	19.0	28.6

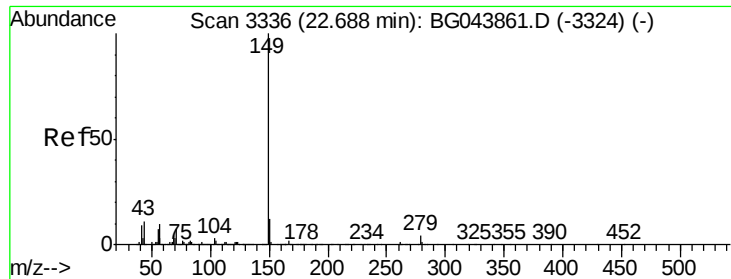


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.843 ng
 RT: 21.47 min Scan# 3129
 Delta R.T. -0.03 min
 Lab File: BG044073.D
 Acq: 16 Jan 2020 17:59

Tgt Ion:149 Resp: 1260704

Ion	Ratio	Lower	Upper
149	100		
167	31.4	24.7	37.1
279	4.6	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 40.906 ng

RT: 22.65 min Scan# 3330

Delta R.T. -0.03 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

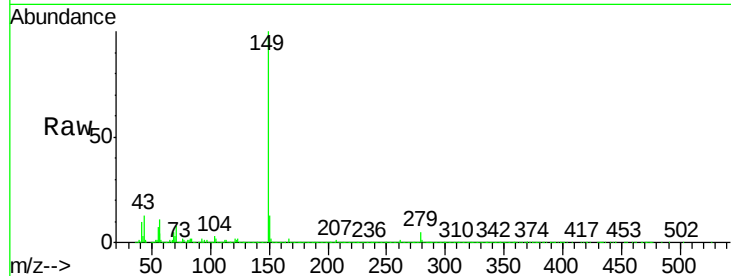
Tot Ion:149 Resp: 2231966

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

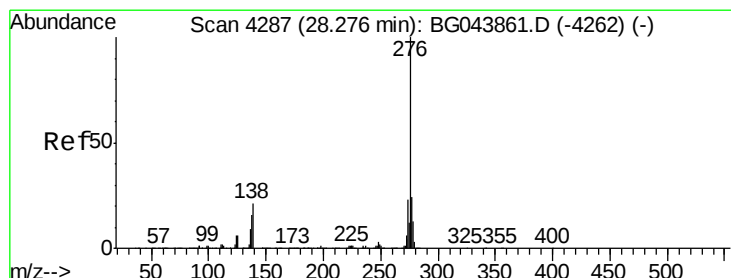
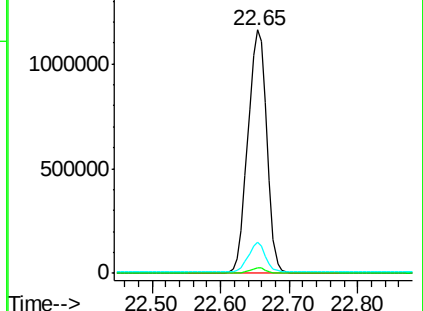
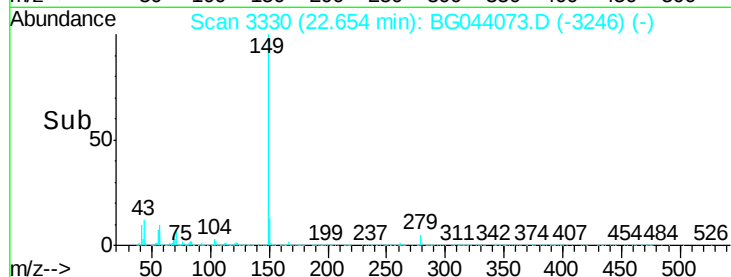
43 11.1 8.8 13.2



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.823 ng

RT: 28.24 min Scan# 4281

Delta R.T. -0.03 min

Lab File: BG044073.D

Acq: 16 Jan 2020 17:59

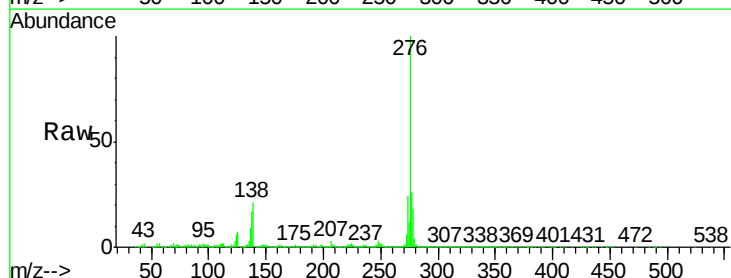
Tgt Ion:276 Resp: 2292333

Ion Ratio Lower Upper

276 100

138 0.0 21.0 31.4#

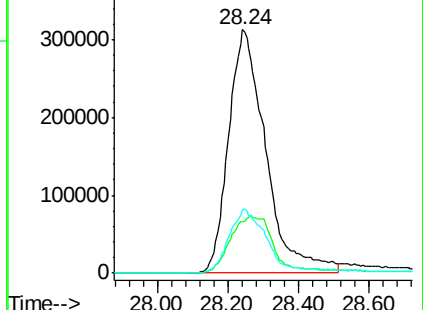
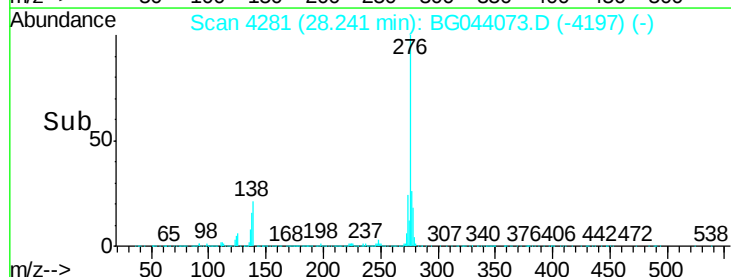
277 26.3 21.1 31.7

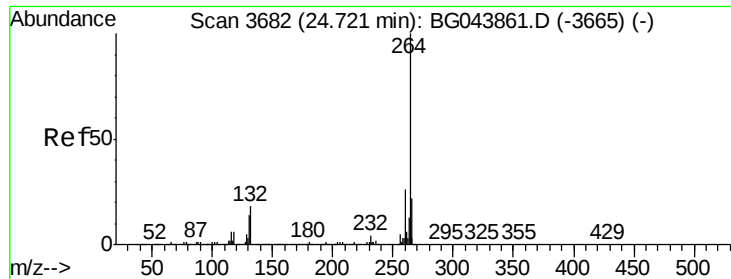


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

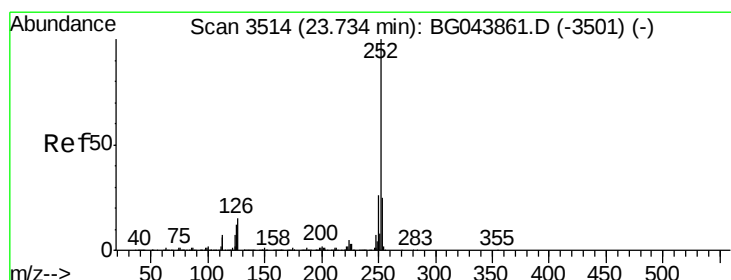
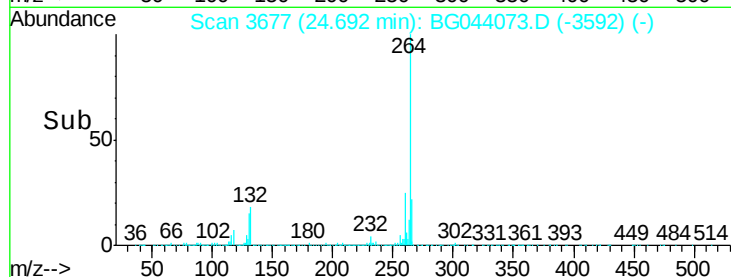
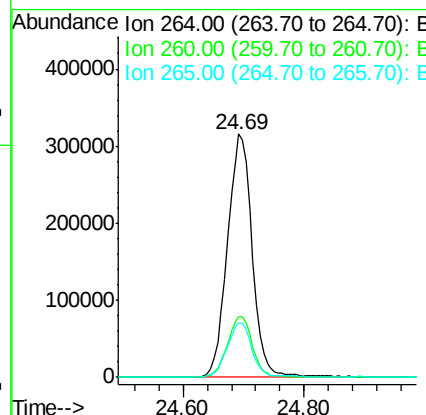
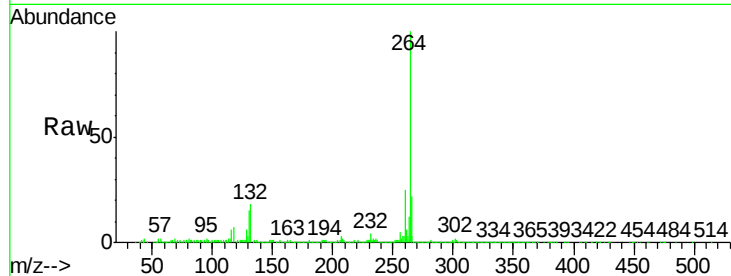




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.69 min Scan# 3677
Delta R.T. -0.03 min
Lab File: BG044073.D
Acq: 16 Jan 2020 17:59

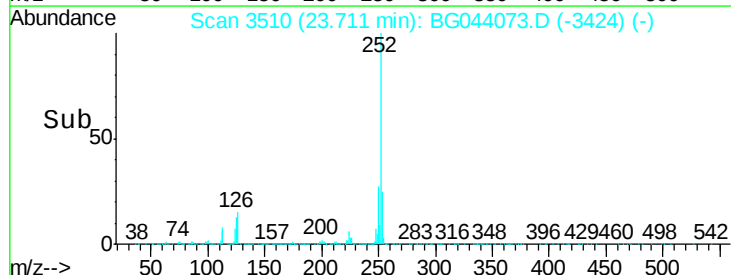
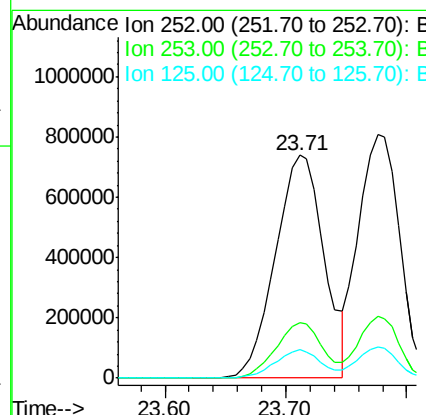
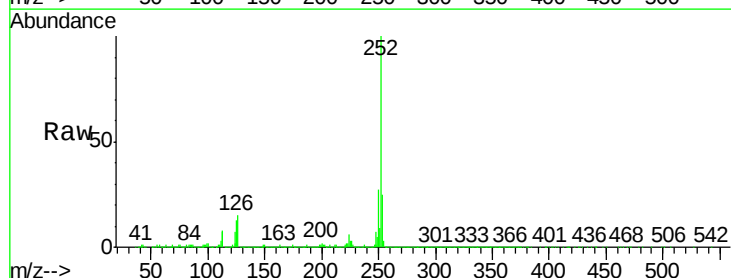
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

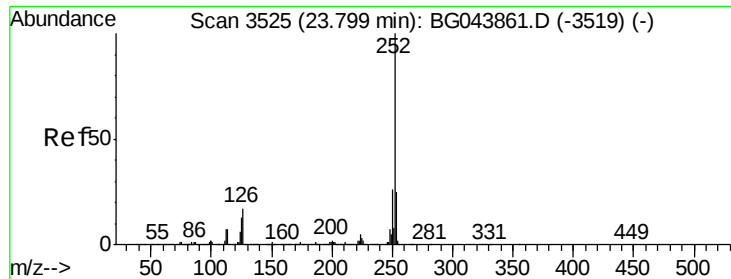
Tot Ion:264 Resp: 896486
Ion Ratio Lower Upper
264 100
260 25.1 20.4 30.6
265 22.1 17.4 26.2



#88
Benzo(b)fluoranthene
Concen: 38.907 ng
RT: 23.71 min Scan# 3510
Delta R.T. -0.02 min
Lab File: BG044073.D
Acq: 16 Jan 2020 17:59

Tgt Ion:252 Resp: 2061973
Ion Ratio Lower Upper
252 100
253 24.8 19.7 29.5
125 12.8 9.4 14.2

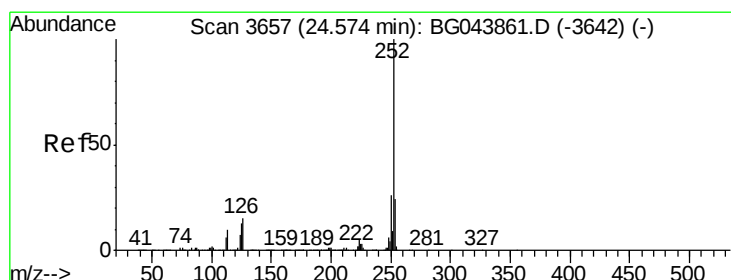
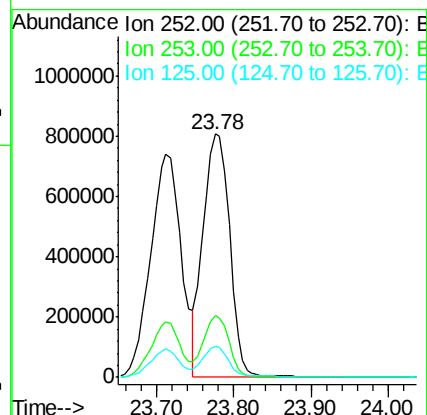
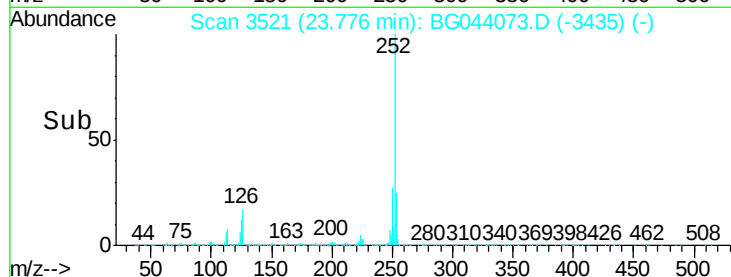
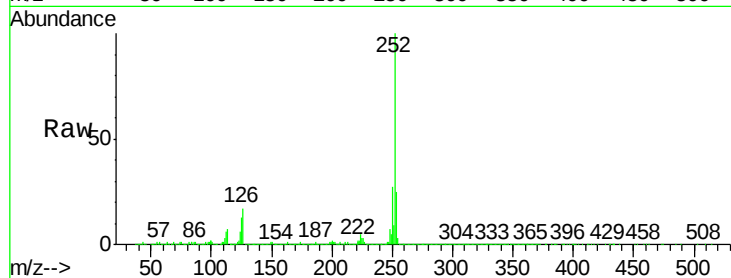




#89
Benzo(k)fluoranthene
Concen: 38.015 ng
RT: 23.78 min Scan# 3521
Delta R.T. -0.02 min
Lab File: BG044073.D
Acq: 16 Jan 2020 17:59

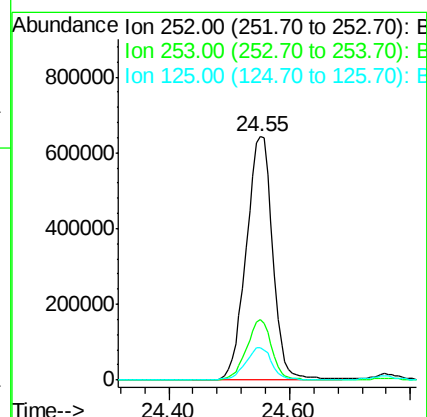
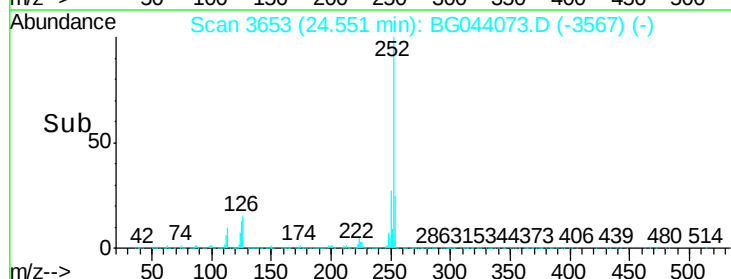
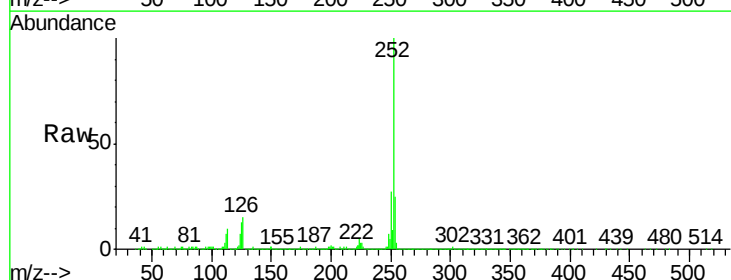
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

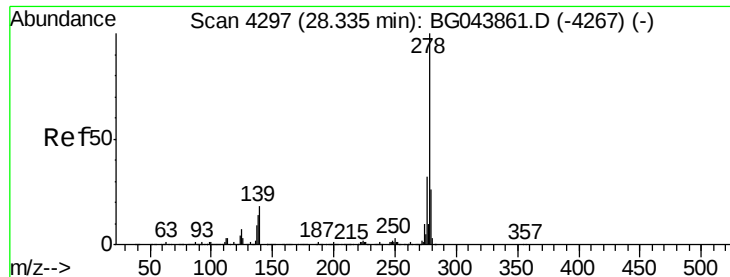
Tot Ion:252 Resp: 1915878
Ion Ratio Lower Upper
252 100
253 25.4 19.4 29.2
125 12.6 9.9 14.9



#90
Benzo(a)pyrene
Concen: 38.808 ng
RT: 24.55 min Scan# 3653
Delta R.T. -0.02 min
Lab File: BG044073.D
Acq: 16 Jan 2020 17:59

Tgt Ion:252 Resp: 1941188
Ion Ratio Lower Upper
252 100
253 24.9 19.3 28.9
125 13.3 10.4 15.6

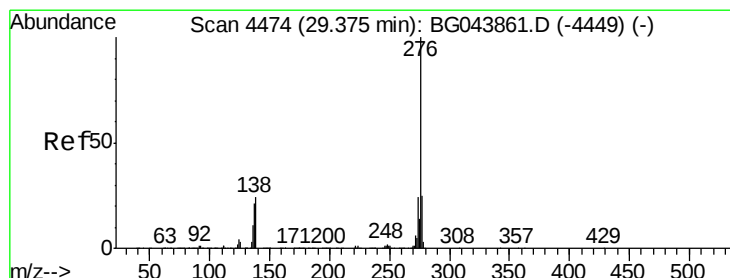
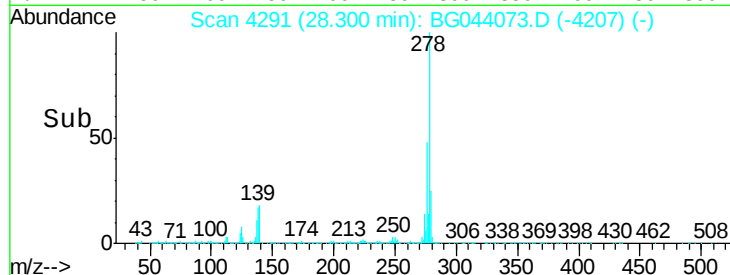
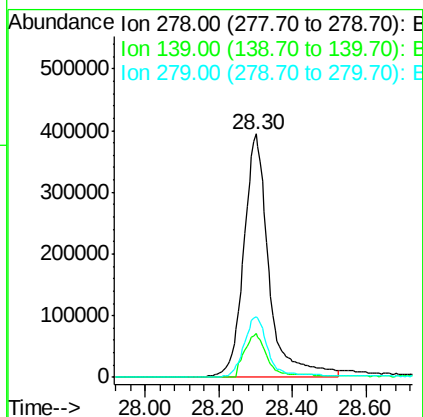
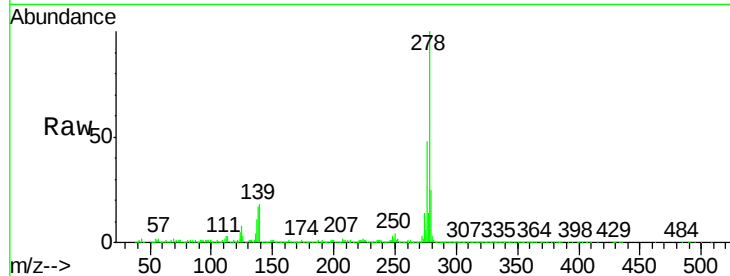




#91
Dibenzo(a,h)anthracene
Concen: 37.332 ng
RT: 28.30 min Scan# 4291
Delta R.T. -0.03 min
Lab File: BG044073.D
Acq: 16 Jan 2020 17:59

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:278 Resp: 1875382
Ion Ratio Lower Upper
278 100
139 18.3 14.2 21.4
279 24.7 20.6 30.8



#92
Benzo(g,h,i)perylene
Concen: 32.977 ng
RT: 29.34 min Scan# 4468
Delta R.T. -0.03 min
Lab File: BG044073.D
Acq: 16 Jan 2020 17:59

Tgt Ion:276 Resp: 1645528
Ion Ratio Lower Upper
276 100
277 24.4 20.2 30.4
138 23.1 19.0 28.6

