

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043886.D
 Acq On : 3 Jan 2020 13:53
 Operator : JU
 Sample : SSTDCCC040
 Misc : MDL-MDL-WTR-8PPM
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 03 16:11:56 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	7.97	152	137653	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	592887	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	397152	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	839923	20.00	ng	0.00
76) Chrysene-d12	21.59	240	697906	20.00	ng	0.00
87) Perylene-d12	24.72	264	798324	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	617955	82.43	ng	0.00
7) Phenol-d6	7.13	99	866288	82.67	ng	0.00
23) Nitrobenzene-d5	9.12	82	851752	76.85	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	349990	84.21	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1830386	83.50	ng	0.00
79) Terphenyl-d14	19.96	244	2366804	80.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	137413	42.038	ng	98
3) Pyridine	3.83	79	404344	41.872	ng	99
4) n-Nitrosodimethylamine	3.75	42	170329	39.618	ng	99
6) Aniline	7.29	93	555341	40.347	ng	99
8) 2-Chlorophenol	7.53	128	352037	39.999	ng	99
9) Benzaldehyde	7.10	77	253658	37.820	ng	97
10) Phenol	7.15	94	441143	40.858	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	375533	40.293	ng	99
12) 1,3-Dichlorobenzene	7.86	146	419796	40.760	ng	98
13) 1,4-Dichlorobenzene	8.00	146	412759	40.618	ng	99
14) 1,2-Dichlorobenzene	8.32	146	399435	40.951	ng	99
15) Benzyl Alcohol	8.20	79	334940	40.498	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.50	45	573909	39.802	ng	99
17) 2-Methylphenol	8.40	107	315115	40.330	ng	99
18) Hexachloroethane	9.05	117	161634	40.877	ng	96
19) n-Nitroso-di-n-propylamine	8.77	70	317383	40.669	ng	97
20) 3+4-Methylphenols	8.73	107	445899	40.909	ng	97
22) Acetophenone	8.79	105	594115	40.307	ng	# 99
24) Nitrobenzene	9.16	77	429779	39.154	ng	99
25) Isophorone	9.69	82	832201	40.024	ng	98
26) 2-Nitrophenol	9.87	139	201715	38.842	ng	99
27) 2,4-Dimethylphenol	9.94	122	310537	39.724	ng	96
28) bis(2-Chloroethoxy)methane	10.17	93	557878	40.245	ng	99
29) 2,4-Dichlorophenol	10.41	162	370516	39.734	ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	416794	39.864	ng	99
31) Naphthalene	10.82	128	1165595	40.626	ng	99
32) Benzoic acid	10.07	122	221228	36.479	ng	93
33) 4-Chloroaniline	10.92	127	553995	40.484	ng	99
34) Hexachlorobutadiene	11.12	225	254697	39.898	ng	98
35) Caprolactam	11.68	113	144666	41.674	ng	98
36) 4-Chloro-3-methylphenol	12.04	107	408012	41.102	ng	98
37) 2-Methylnaphthalene	12.42	142	886987	41.064	ng	99
38) 1-Methylnaphthalene	12.64	142	844302	41.242	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	456232	39.193	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	241235	39.973	ng	99
43) 2,4,6-Trichlorophenol	13.03	196	317494	39.639	ng	97
44) 2,4,5-Trichlorophenol	13.10	196	330320	39.986	ng	97
46) 1,1'-Biphenyl	13.43	154	1149352	40.363	ng	99
47) 2-Chloronaphthalene	13.48	162	923276	40.126	ng	99
48) 2-Nitroaniline	13.67	65	292018	39.453	ng	94
49) Acenaphthylene	14.32	152	1358756	41.085	ng	99
50) Dimethylphthalate	14.05	163	1164875	41.309	ng	100
51) 2,6-Dinitrotoluene	14.16	165	257665	40.426	ng	98
52) Acenaphthene	14.66	154	940565	40.554	ng	98
53) 3-Nitroaniline	14.49	138	300770	41.555	ng	98
54) 2,4-Dinitrophenol	14.70	184	111128	37.361	ng	97
55) Dibenzofuran	15.00	168	1321945	41.404	ng	100
56) 4-Nitrophenol	14.80	139	233483	42.096	ng	95
57) 2,4-Dinitrotoluene	14.95	165	358670	41.356	ng	98
58) Fluorene	15.64	166	1048401	41.429	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.22	232	294186	41.414	ng	98
60) Diethylphthalate	15.42	149	1189510	42.174	ng	99
61) 4-Chlorophenyl-phenylether	15.64	204	567502	41.300	ng	99
62) 4-Nitroaniline	15.65	138	299332	41.879	ng	98
63) Azobenzene	15.93	77	1086713	41.546	ng	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	157680	37.494	ng	97
66) n-Nitrosodiphenylamine	15.85	169	977309	39.512	ng	99
67) 4-Bromophenyl-phenylether	16.53	248	364751	38.612	ng	100
68) Hexachlorobenzene	16.65	284	398547	39.154	ng	98
69) Atrazine	16.80	200	323145	40.192	ng	99
70) Pentachlorophenol	16.99	266	224510	40.011	ng	97
71) Phenanthrene	17.38	178	1637952	40.657	ng	99
72) Anthracene	17.47	178	1623005	40.764	ng	100
73) Carbazole	17.73	167	1495486	40.663	ng	99
74) Di-n-butylphthalate	18.31	149	1854433	39.493	ng	99
75) Fluoranthene	19.39	202	1814865	39.390	ng	99
77) Benzidine	19.56	184	784326	44.711	ng	98
78) Pyrene	19.75	202	1823829	40.036	ng	99
80) Butylbenzylphthalate	20.64	149	865594	39.910	ng	99
81) Benzo(a)anthracene	21.57	228	1758036	40.625	ng	99
82) 3,3'-Dichlorobenzidine	21.49	252	695487	40.679	ng	100
83) Chrysene	21.64	228	1672975	40.685	ng	100
84) Bis(2-ethylhexyl)phthalate	21.50	149	1199784	40.092	ng	99
85) Di-n-octyl phthalate	22.69	149	2045318	40.654	ng	99
86) Indeno(1,2,3-cd)pyrene	28.27	276	2197135	39.317	ng	100
88) Benzo(b)fluoranthene	23.73	252	1861228	39.437	ng	99
89) Benzo(k)fluoranthene	23.80	252	1846705	41.148	ng	100
90) Benzo(a)pyrene	24.57	252	1784646	40.065	ng	99
91) Dibenzo(a,h)anthracene	28.33	278	1789911	40.011	ng	98
92) Benzo(g,h,i)perylene	29.37	276	1753264	39.456	ng	100

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

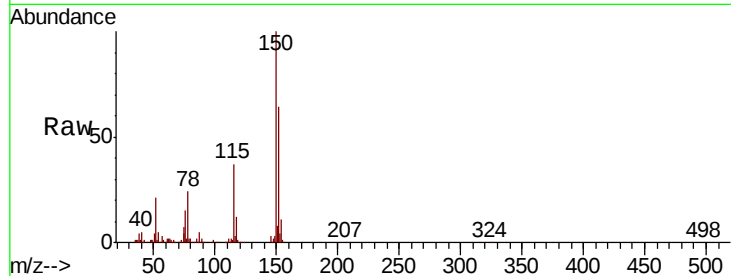


#1

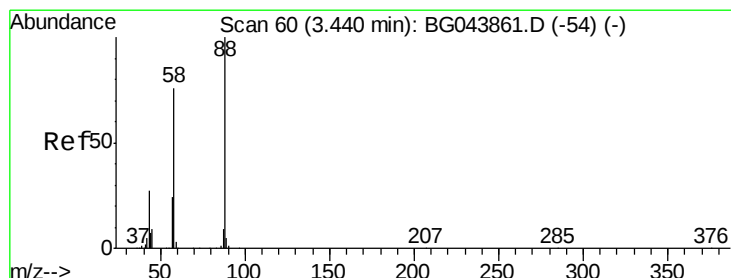
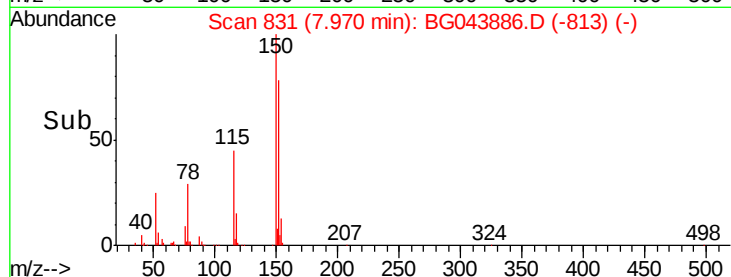
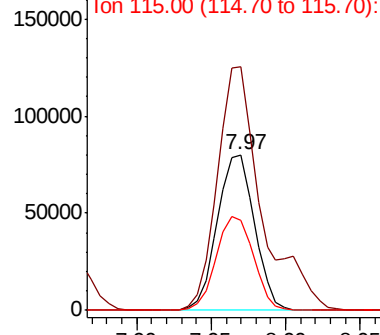
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BG043886.D
Acq: 3 Jan 2020 13:53

Instrument :
BNA_P
ClientSampleId :

Tot Ion:152 Resp: 137653
Ion Ratio Lower Upper
152 100
150 156.7 127.0 190.4
115 57.6 47.8 71.8



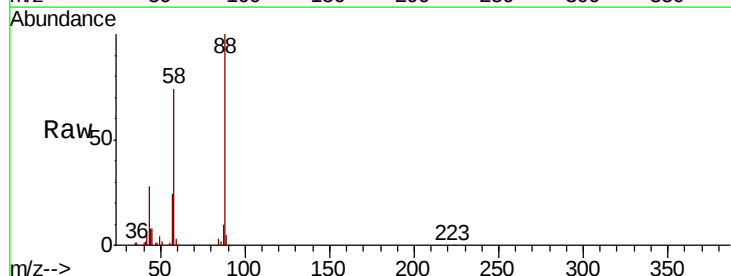
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



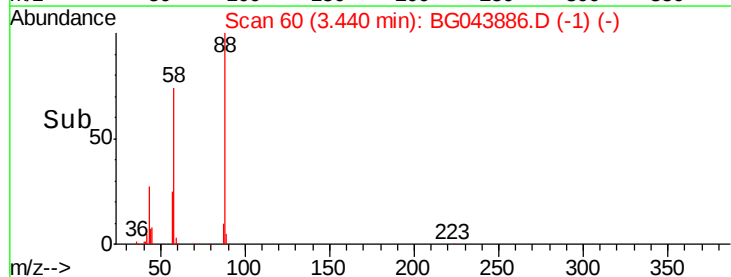
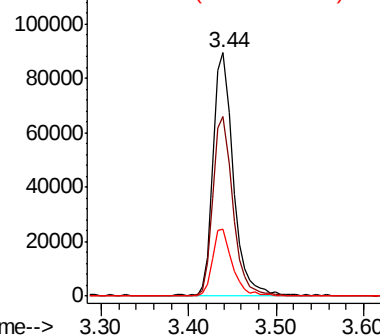
#2

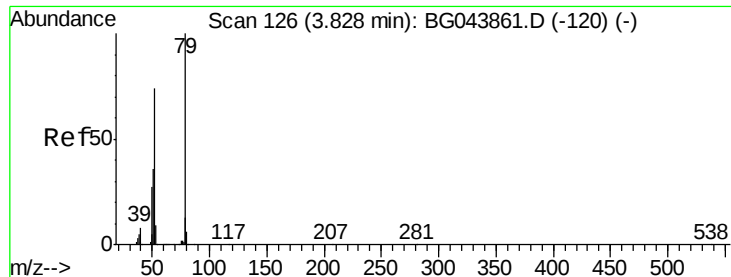
1,4-Dioxane
Concen: 42.038 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.00 min
Lab File: BG043886.D
Acq: 3 Jan 2020 13:53

Tgt Ion: 88 Resp: 137413
Ion Ratio Lower Upper
88 100
58 73.6 59.8 89.8
43 27.5 22.9 34.3



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





#3

Pvridine

Concen: 41.872 ng

RT: 3.83 min Scan# 127

Delta R.T. 0.01 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

Instrument :

BNA_P

ClientSampled :

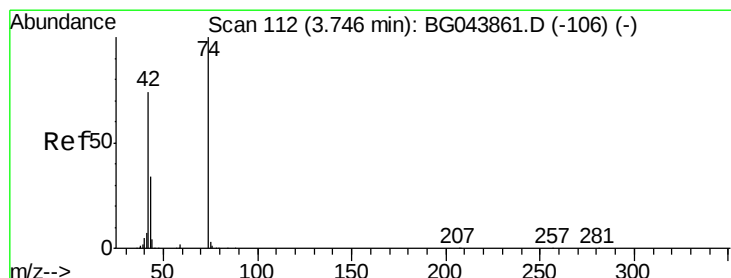
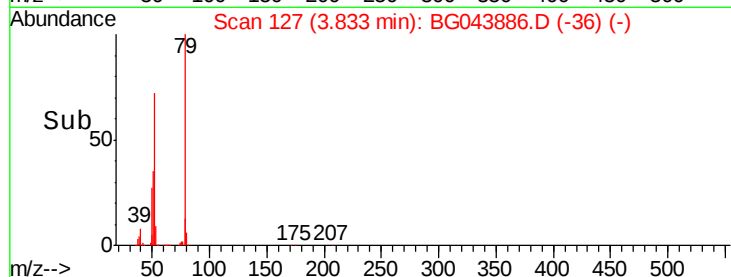
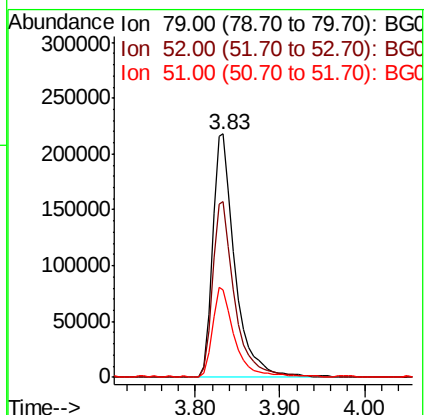
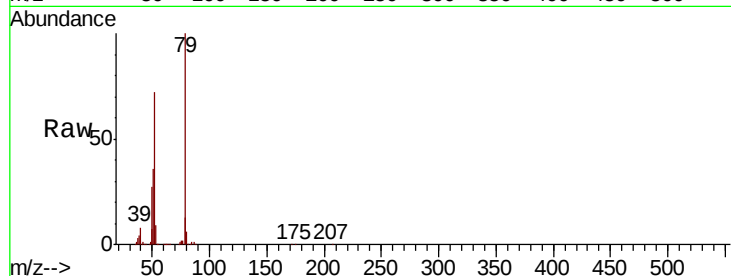
Tot Ion: 79 Resp: 404344

Ion Ratio Lower Upper

79 100

52 71.9 58.9 88.3

51 36.1 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 39.618 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

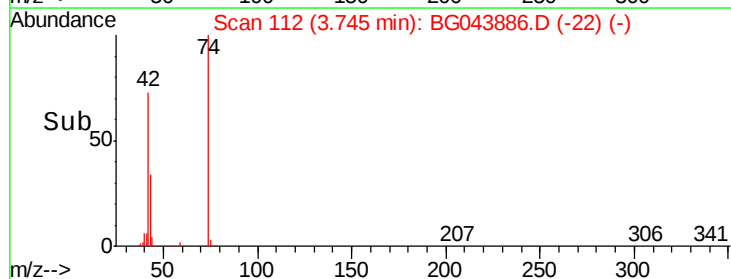
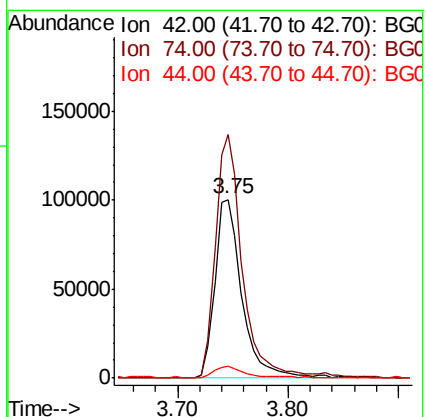
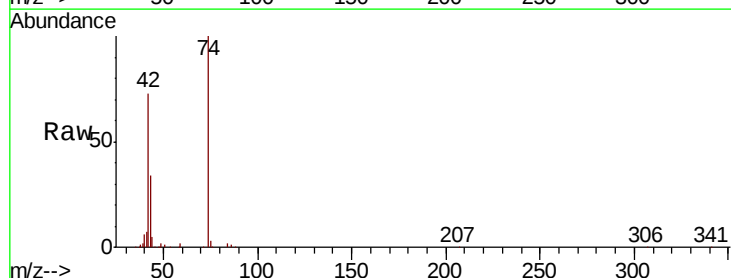
Tgt Ion: 42 Resp: 170329

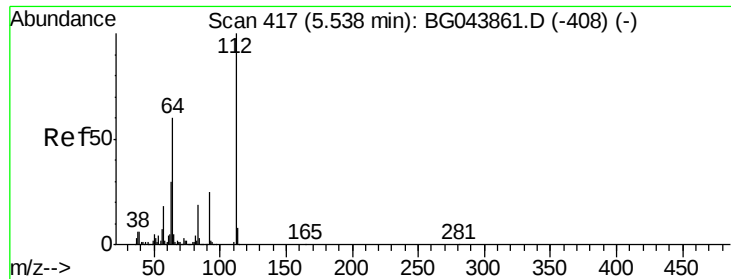
Ion Ratio Lower Upper

42 100

74 136.5 108.6 162.8

44 6.8 5.0 7.6





#5

2-Fluorophenol

Concen: 82.428 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

Instrument :

BNA_P

ClientSampleId :

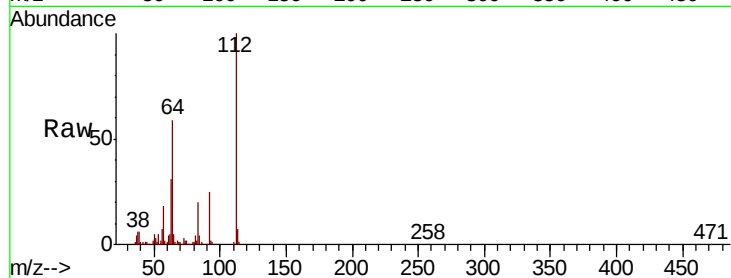
Tot Ion:112 Resp: 617955

Ion Ratio Lower Upper

112 100

64 59.2 47.8 71.6

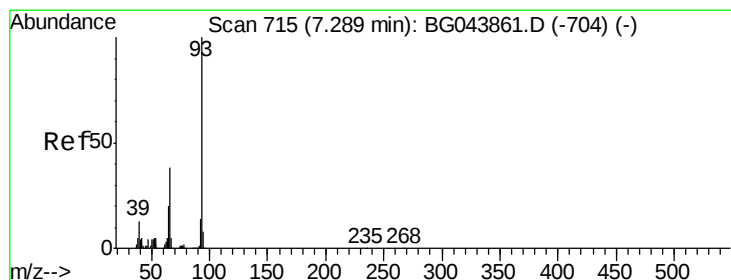
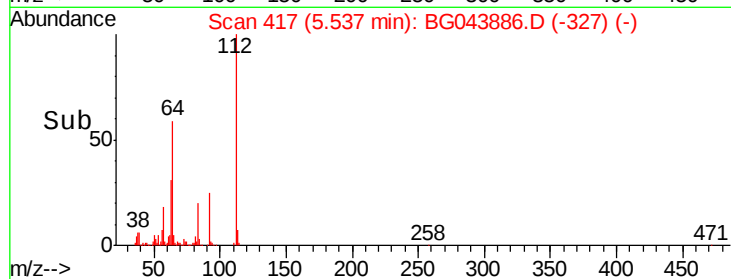
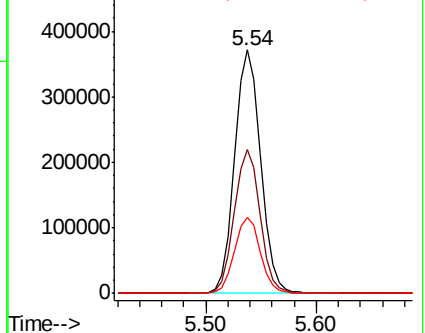
63 31.0 24.3 36.5



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: 40.347 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

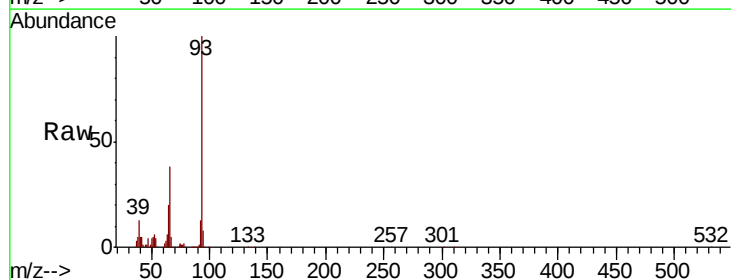
Tgt Ion: 93 Resp: 555341

Ion Ratio Lower Upper

93 100

66 38.0 30.8 46.2

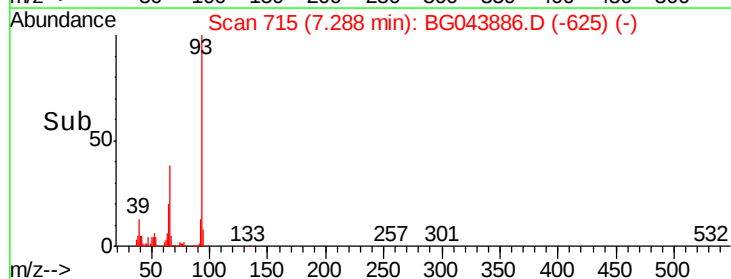
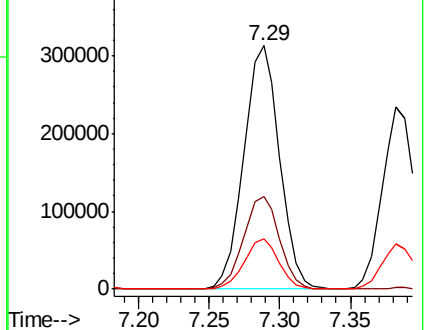
65 20.5 16.0 24.0

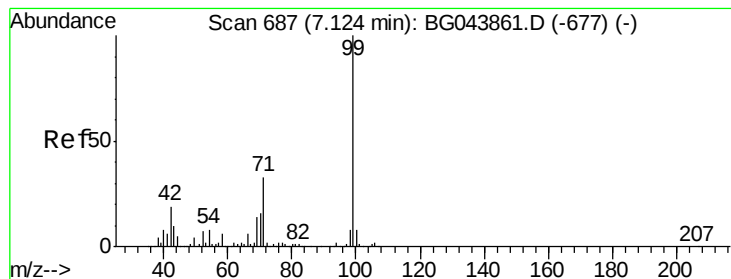


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 82.666 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

Instrument :

BNA_P

ClientSampleId :

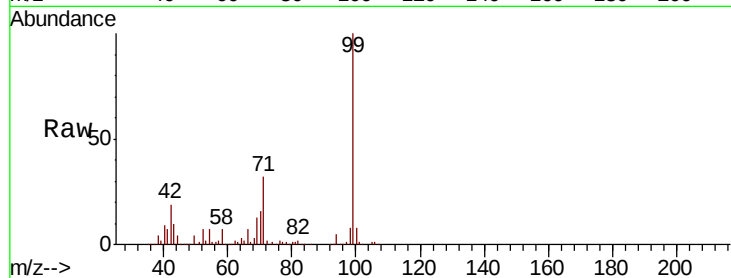
Tot Ion: 99 Resp: 866288

Ion Ratio Lower Upper

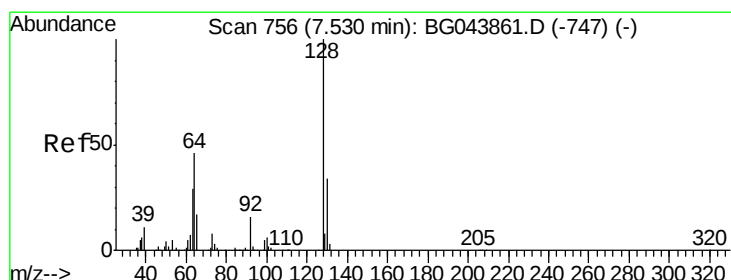
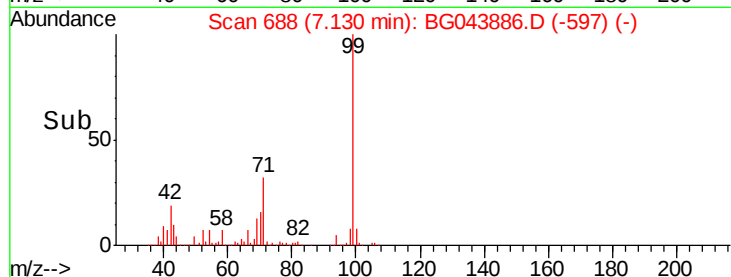
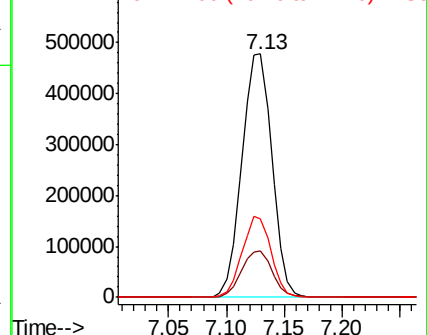
99 100

42 18.9 14.9 22.3

71 32.1 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: 39.999 ng

RT: 7.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

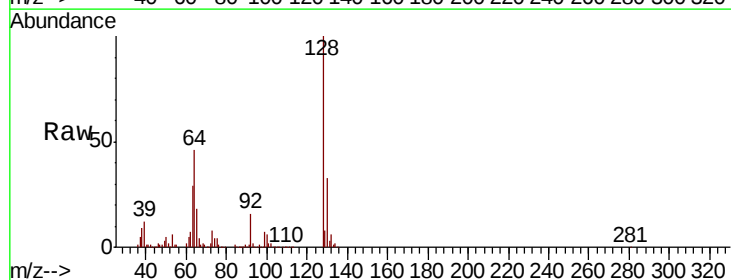
Tgt Ion:128 Resp: 352037

Ion Ratio Lower Upper

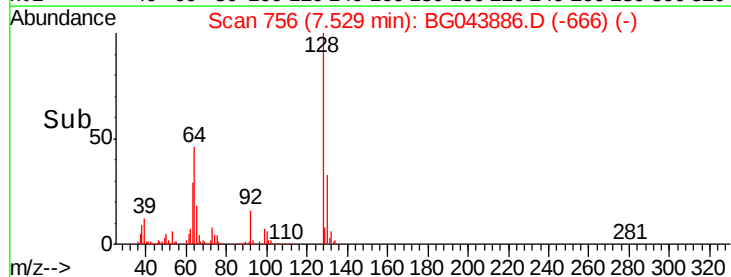
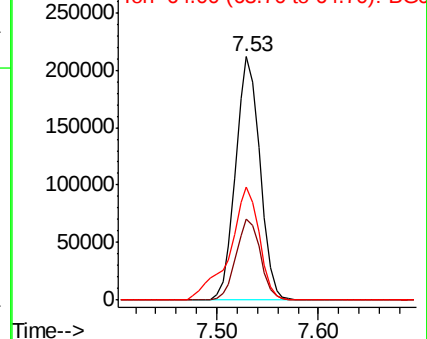
128 100

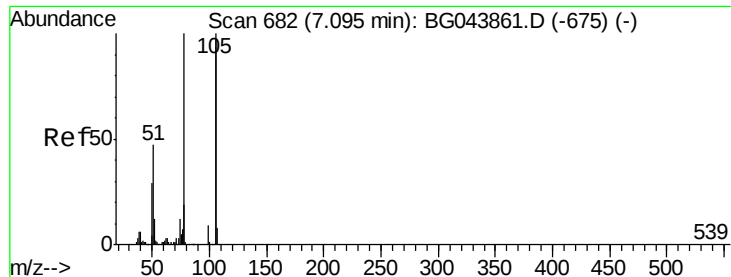
130 33.3 13.8 53.8

64 46.5 27.6 67.6



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





#9

Benzaldehyde

Concen: 37.820 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.01 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

Instrument :

BNA_P

ClientSampleId :

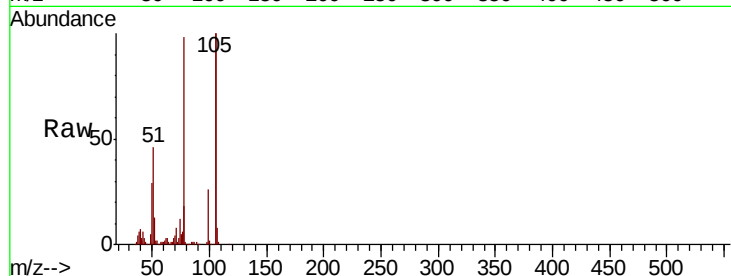
Tot Ion: 77 Resp: 253658

Ion Ratio Lower Upper

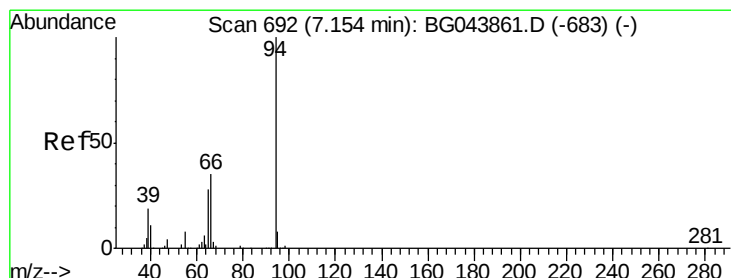
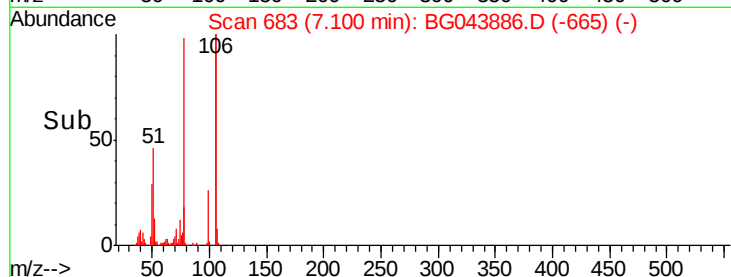
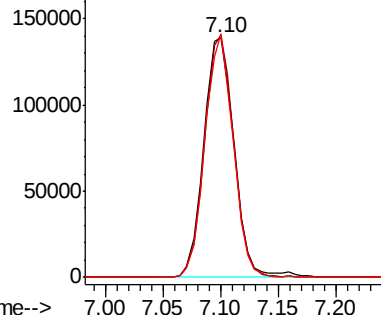
77 100

105 101.2 80.2 120.2

106 101.6 77.2 117.2



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



#10

Phenol

Concen: 40.858 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

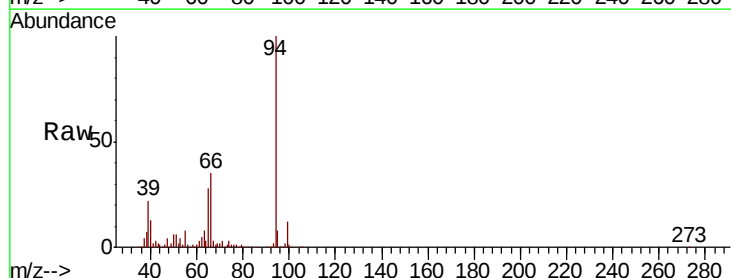
Tgt Ion: 94 Resp: 441143

Ion Ratio Lower Upper

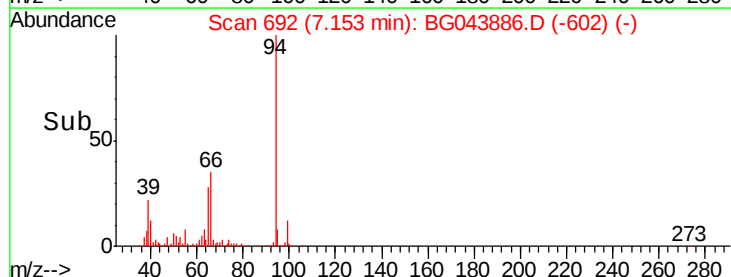
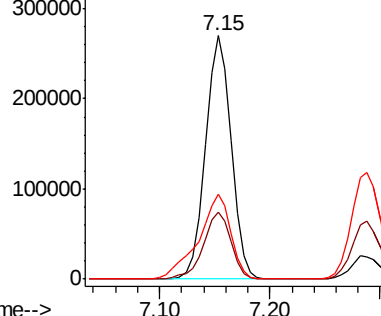
94 100

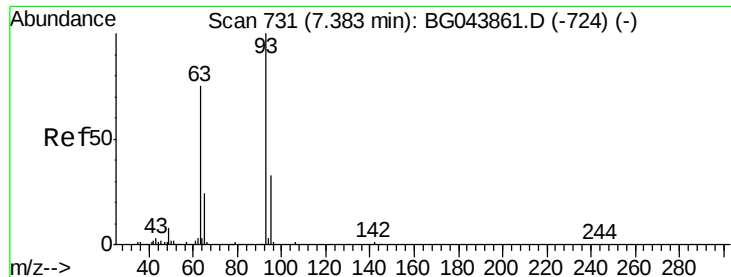
65 27.7 8.1 48.1

66 34.8 15.6 55.6



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





#11

bis(2-Chloroethyl)ether

Concen: 40.293 ng

RT: 7.38 min Scan# 731

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

Instrument :

BNA_P

ClientSampleId :

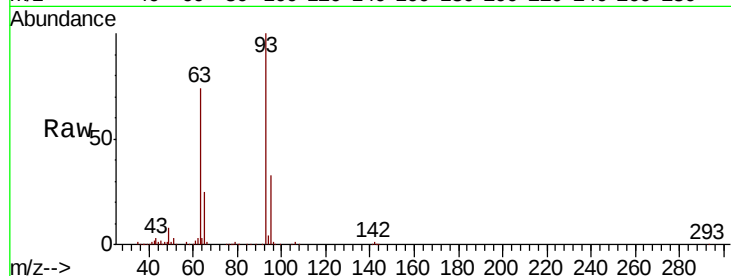
Tot Ion: 93 Resp: 375533

Ion Ratio Lower Upper

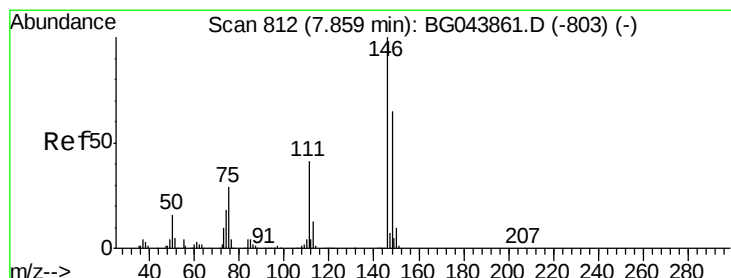
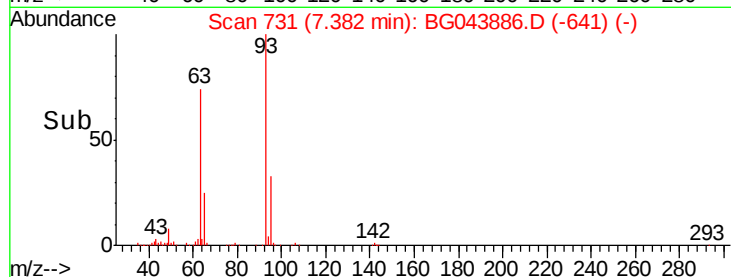
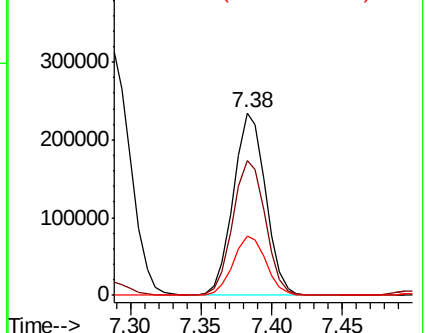
93 100

63 73.9 55.0 95.0

95 32.8 13.3 53.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 40.760 ng

RT: 7.86 min Scan# 812

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

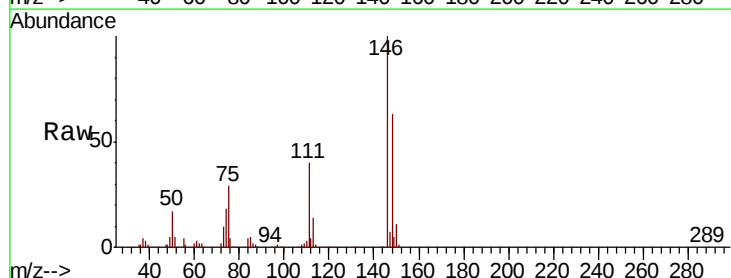
Tgt Ion: 146 Resp: 419796

Ion Ratio Lower Upper

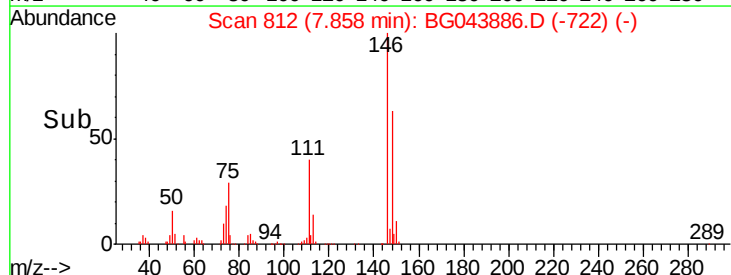
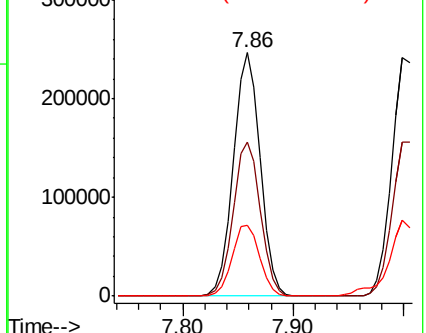
146 100

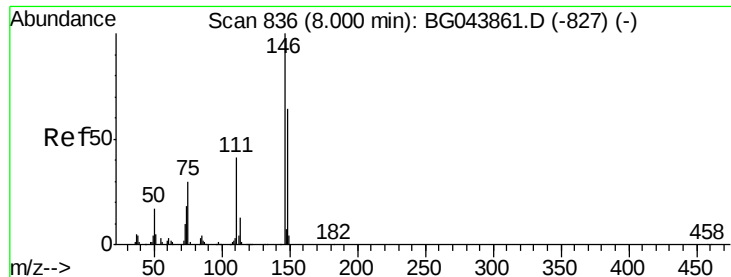
148 63.4 52.1 78.1

75 28.9 23.0 34.4



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 40.618 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

Instrument :

BNA_P

ClientSampleId :

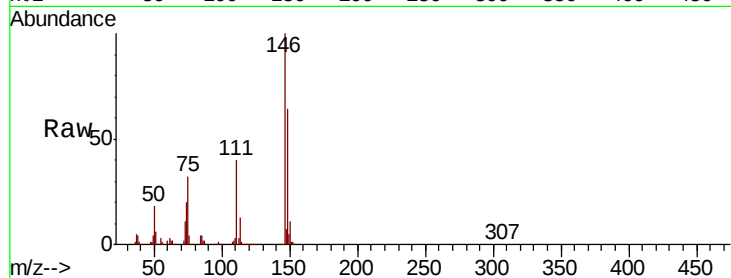
Tot Ion:146 Resp: 412759

Ion Ratio Lower Upper

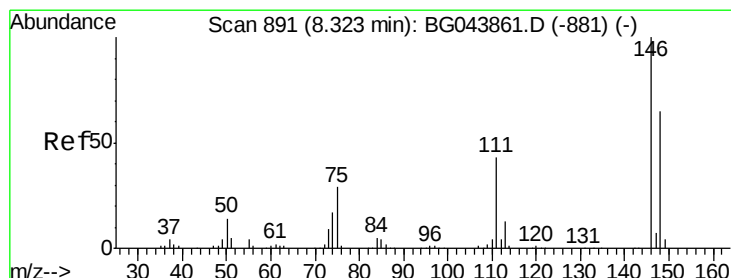
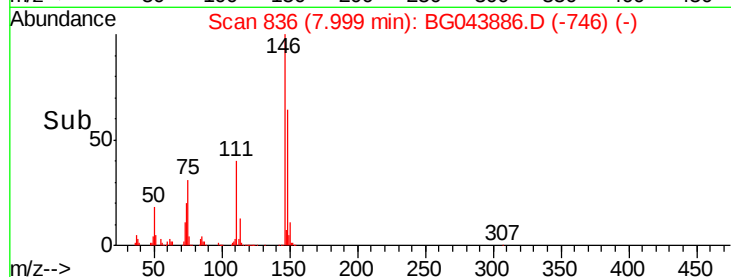
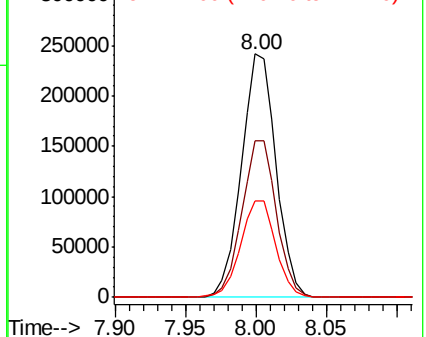
146 100

148 64.5 51.2 76.8

111 39.8 33.1 49.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.951 ng

RT: 8.32 min Scan# 891

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

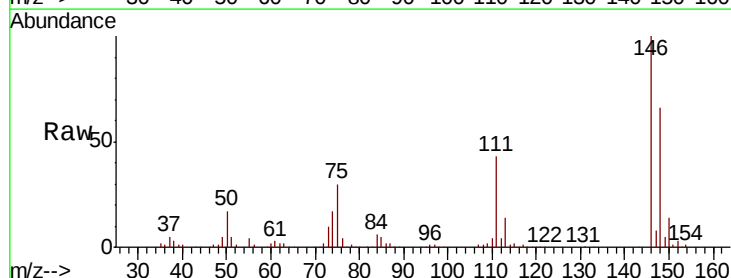
Tgt Ion:146 Resp: 399435

Ion Ratio Lower Upper

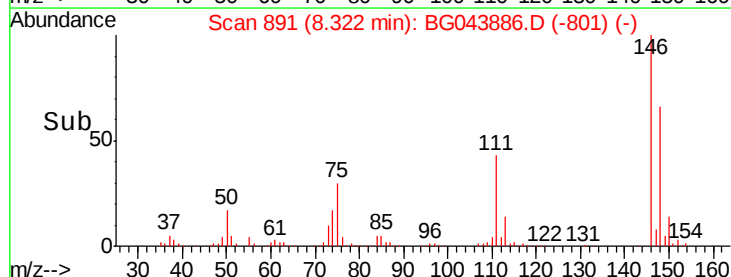
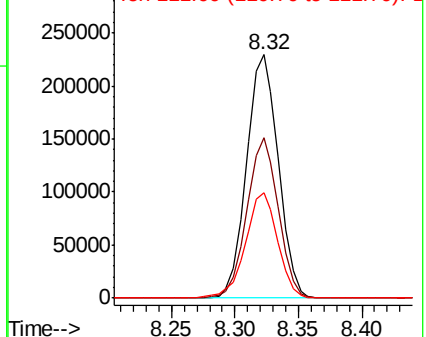
146 100

148 65.9 51.7 77.5

111 43.2 34.4 51.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.498 ng

RT: 8.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

Instrument :

BNA_P

ClientSampled :

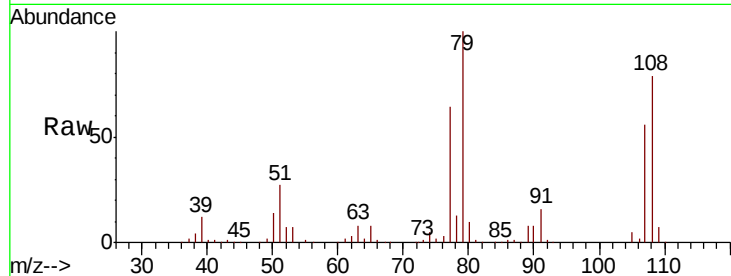
Tot Ion: 79 Resp: 334940

Ion Ratio Lower Upper

79 100

108 78.6 65.6 98.4

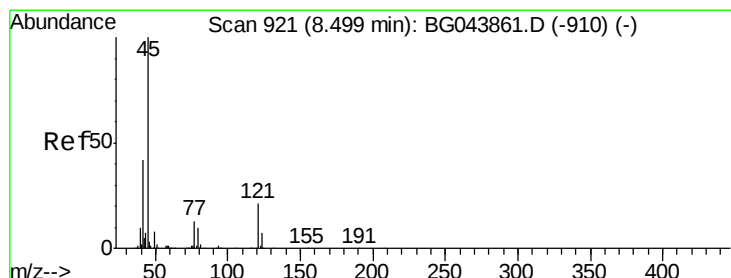
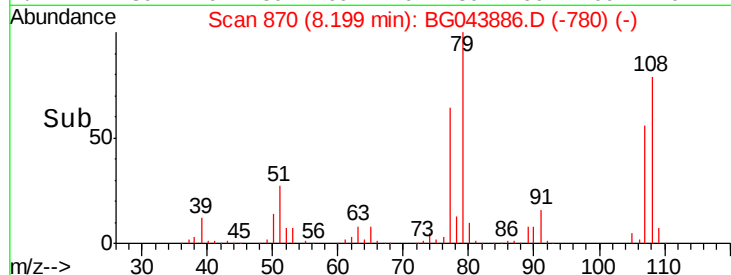
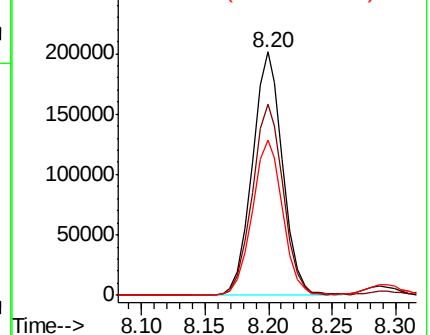
77 64.0 52.0 78.0



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.802 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

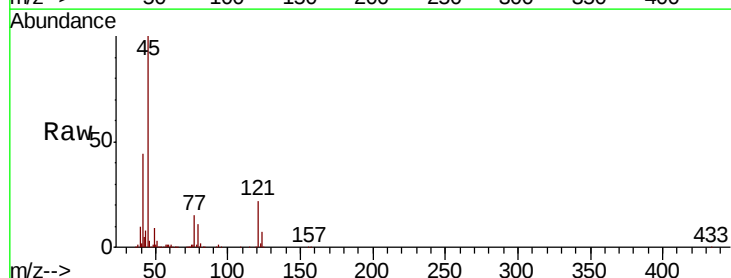
Tgt Ion: 45 Resp: 573909

Ion Ratio Lower Upper

45 100

77 14.5 0.0 33.8

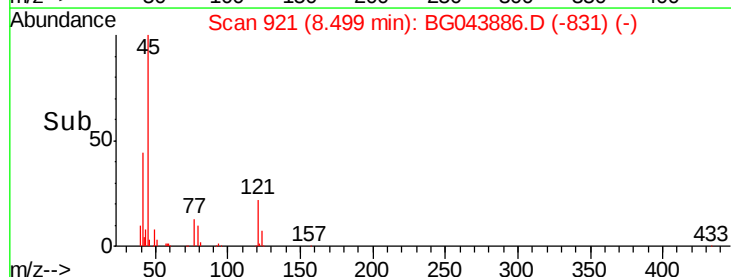
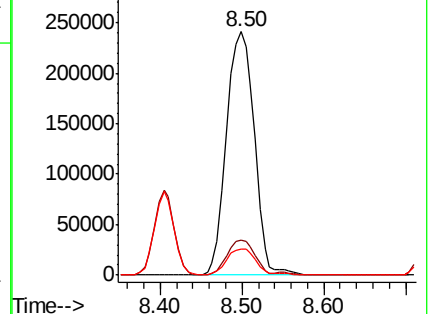
79 10.9 0.0 31.0

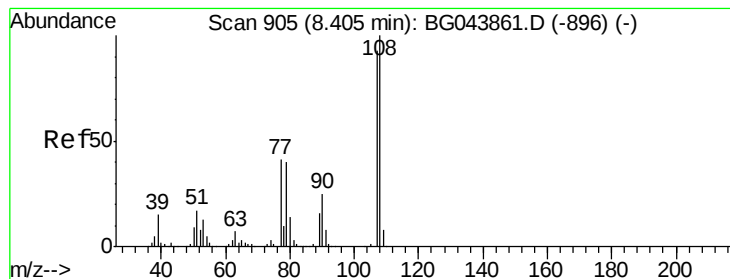


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 40.330 ng

RT: 8.40 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

Instrument :

BNA_P

ClientSampleId :

Tot Ion:107 Resp: 315115

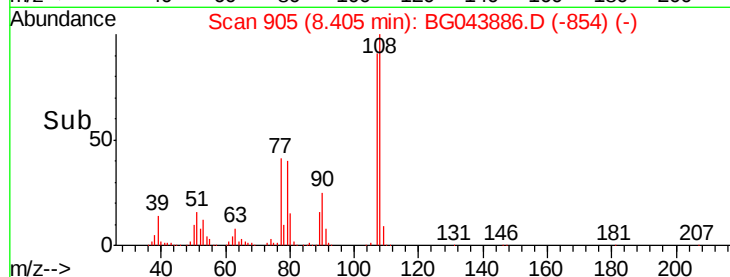
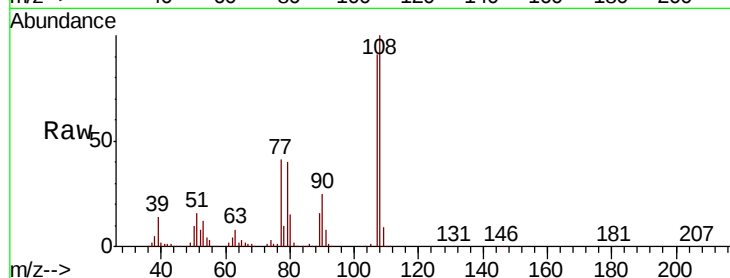
Ion Ratio Lower Upper

107 100

108 109.3 86.1 129.1

77 44.9 35.4 53.0

79 43.9 34.8 52.2

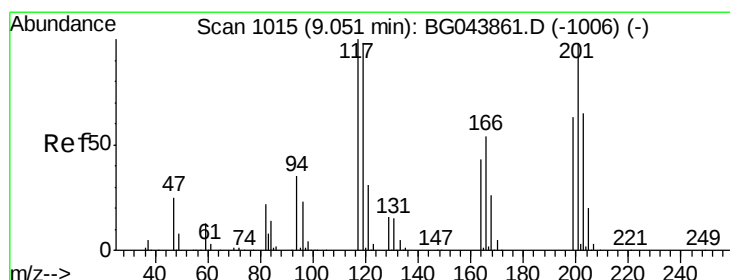
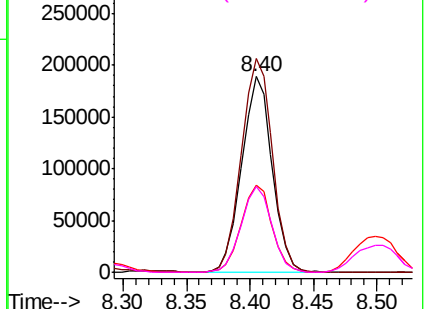


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.877 ng

RT: 9.05 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

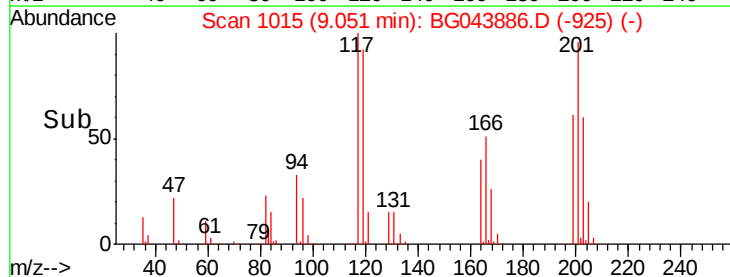
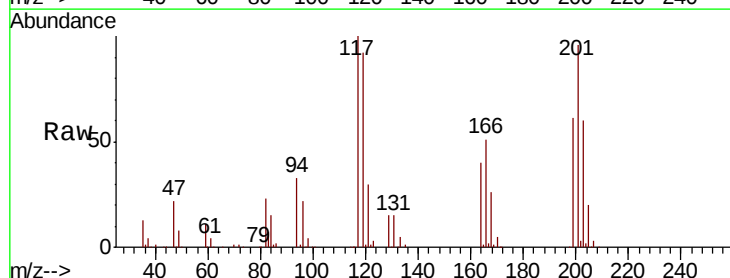
Tgt Ion:117 Resp: 161634

Ion Ratio Lower Upper

117 100

119 92.3 78.1 117.1

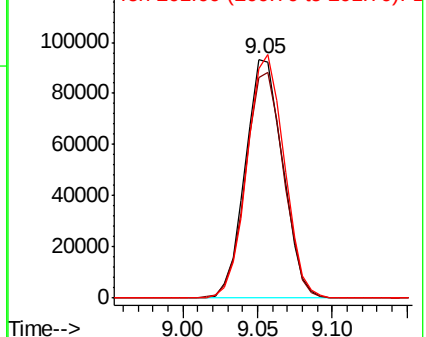
201 96.3 78.6 117.8

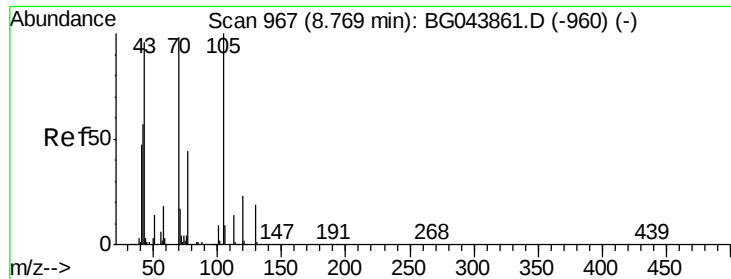


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

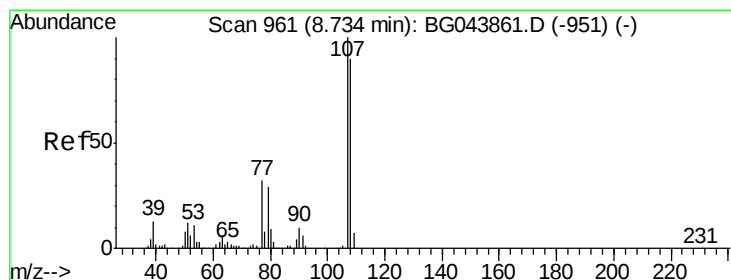
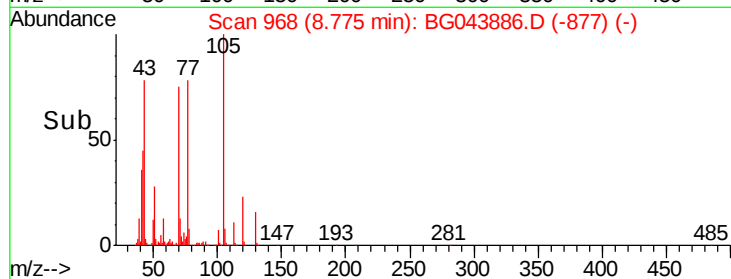
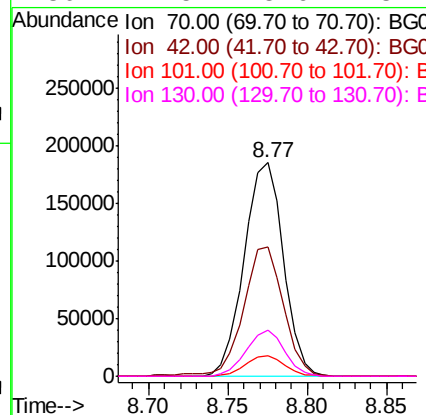
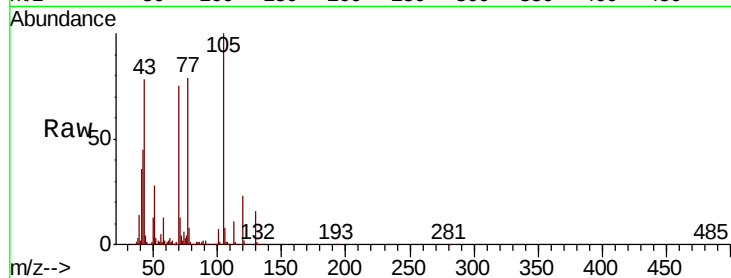




#19
n-Nitroso-di-n-propylamine
Concen: 40.669 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.01 min
Lab File: BG043886.D
Acq: 3 Jan 2020 13:53

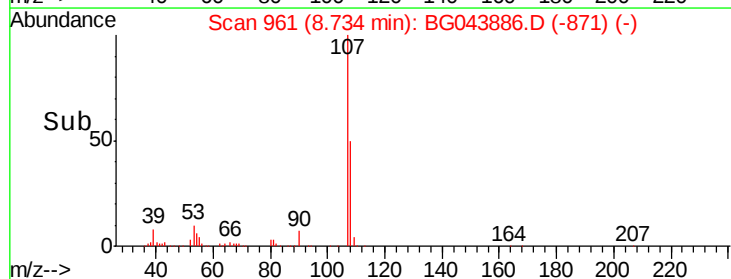
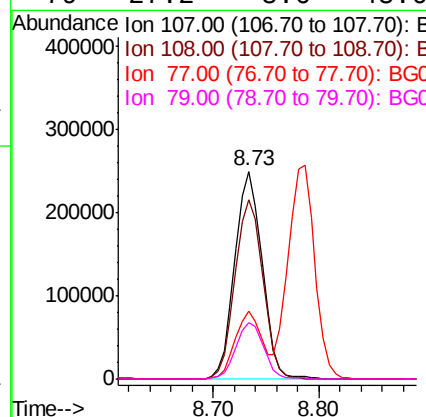
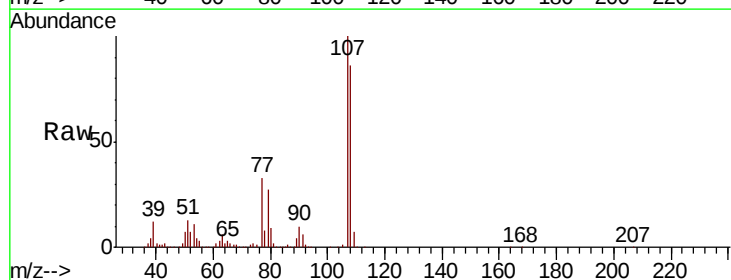
Instrument :
BNA_P
ClientSampleId :

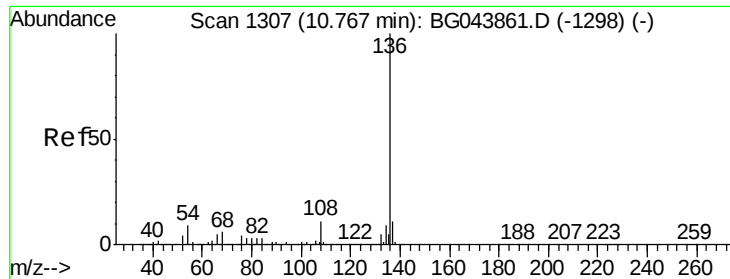
Tot Ion:	70	Resp:	317383
Ion	Ratio	Lower	Upper
70	100		
42	60.5	47.0	70.4
101	9.8	7.2	10.8
130	21.5	15.6	23.4



#20
3+4-Methylphenols
Concen: 40.909 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG043886.D
Acq: 3 Jan 2020 13:53

Tgt Ion:	107	Resp:	445899
Ion	Ratio	Lower	Upper
107	100		
108	86.5	70.3	110.3
77	32.6	12.4	52.4
79	27.2	8.6	48.6

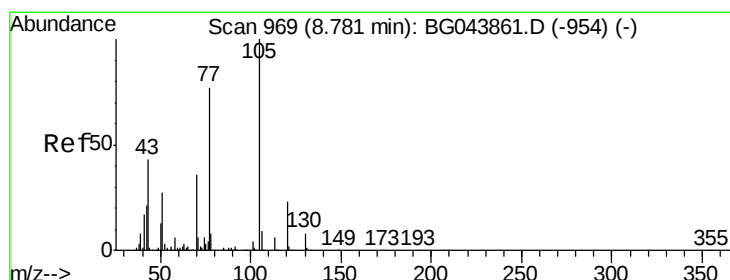
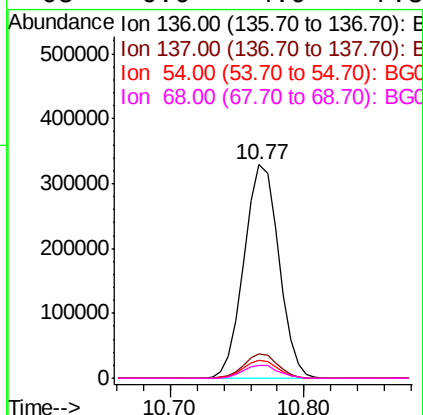
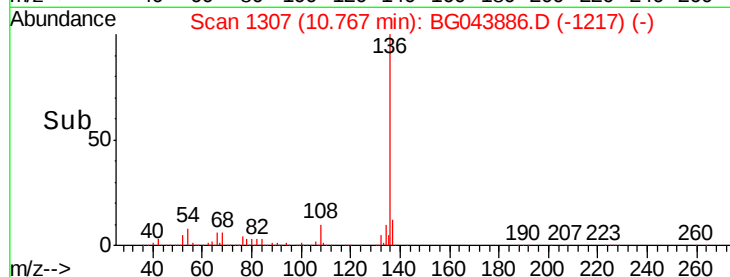
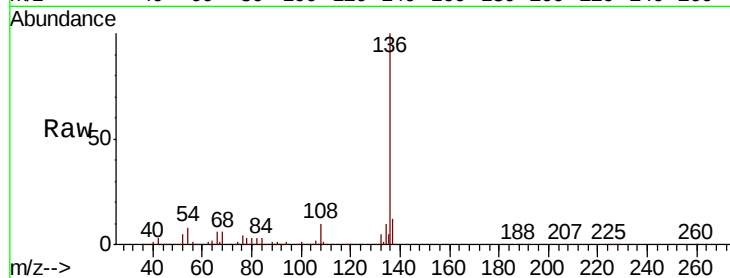




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG043886.D
Acq: 3 Jan 2020 13:53

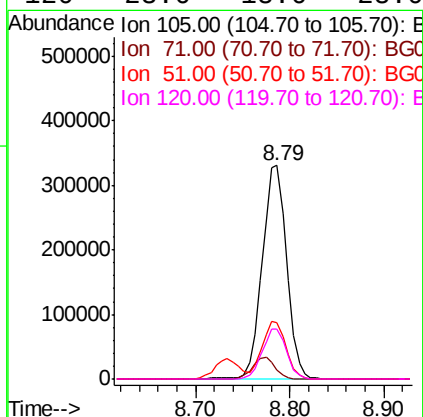
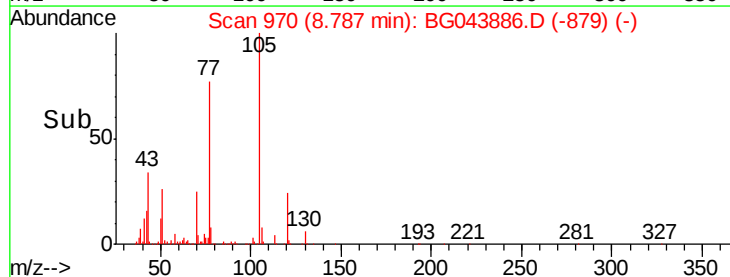
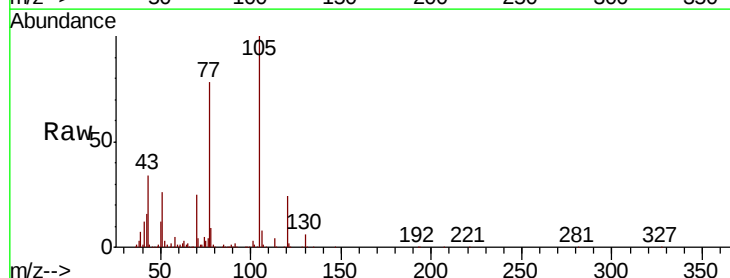
Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp: 592887
Ion Ratio	Lower Upper
136 100	
137 11.6	8.8 13.2
54 8.4	7.0 10.4
68 6.0	4.9 7.3



#22
Acetophenone
Concen: 40.307 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BG043886.D
Acq: 3 Jan 2020 13:53

Tgt	Ion:105	Resp:	594115
Ion	Ratio	Lower	Upper
105	100		
71	4.3	4.8	7.2#
51	26.5	21.4	32.0
120	23.6	18.6	28.0

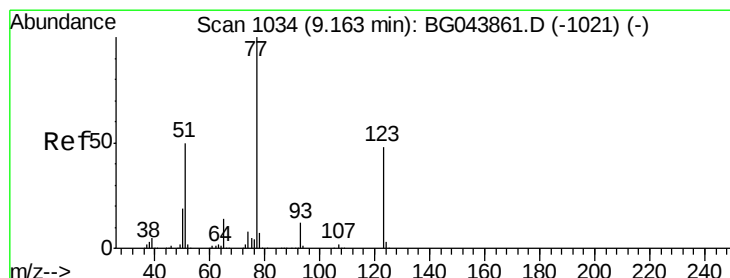
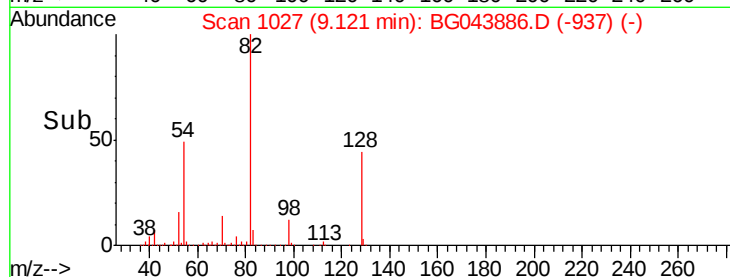
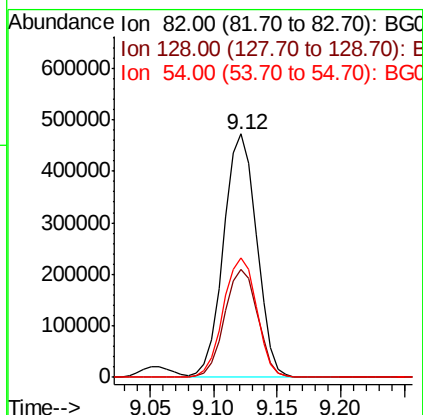
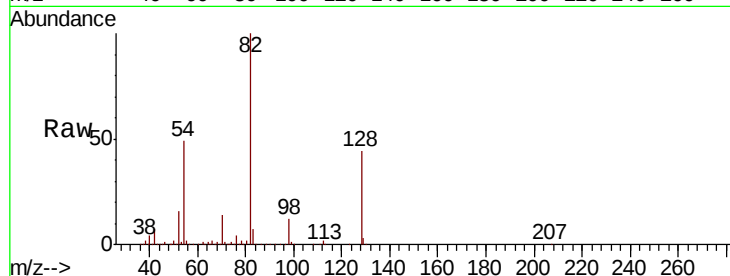




#23
 Nitrobenzene-d5
 Concen: 76.853 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG043886.D
 Acq: 3 Jan 2020 13:53

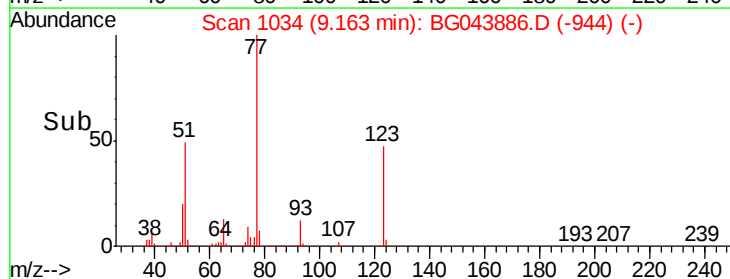
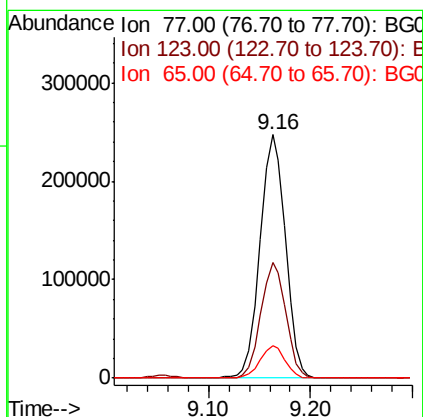
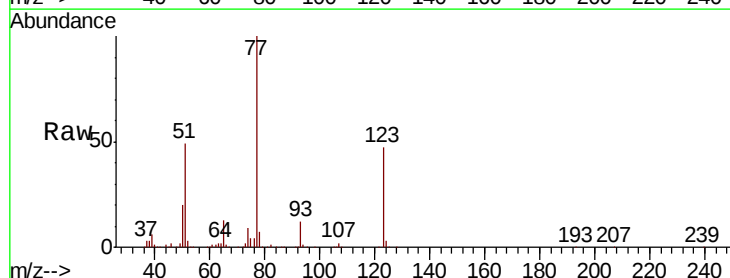
Instrument :
 BNA_P
 ClientSampleId :

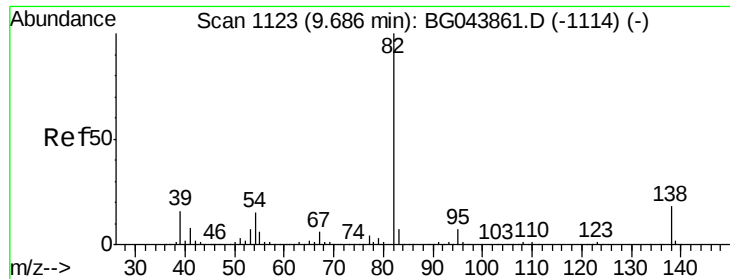
Tot Ion	82	Resp	851752
Ion Ratio	Lower	Upper	
82	100		
128	44.1	35.1	52.7
54	48.8	40.1	60.1



#24
 Nitrobenzene
 Concen: 39.154 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BG043886.D
 Acq: 3 Jan 2020 13:53

Tgt Ion	77	Resp	429779
Ion Ratio	Lower	Upper	
77	100		
123	47.5	38.7	58.1
65	13.3	11.1	16.7

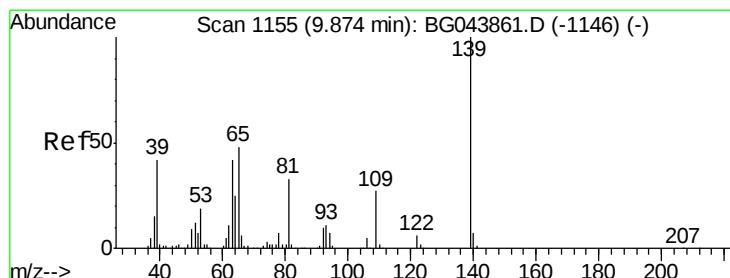
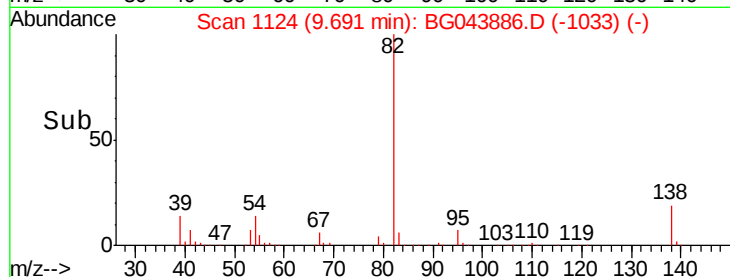
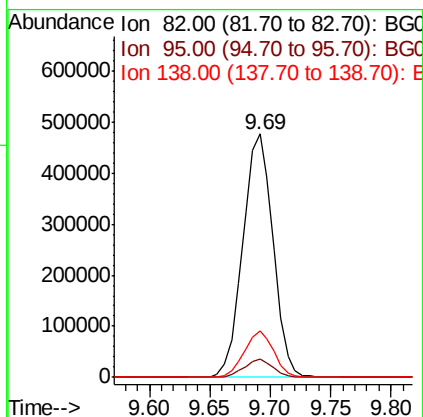
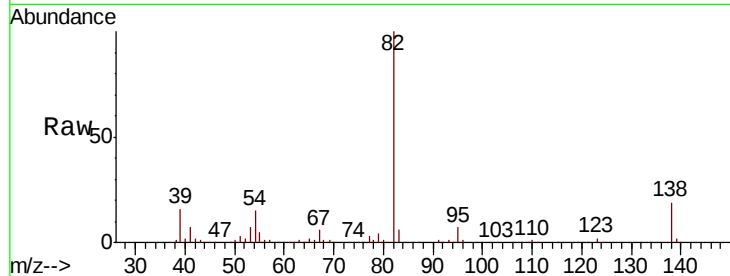




#25
Isophorone
Concen: 40.024 ng
RT: 9.69 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BG043886.D
Acq: 3 Jan 2020 13:53

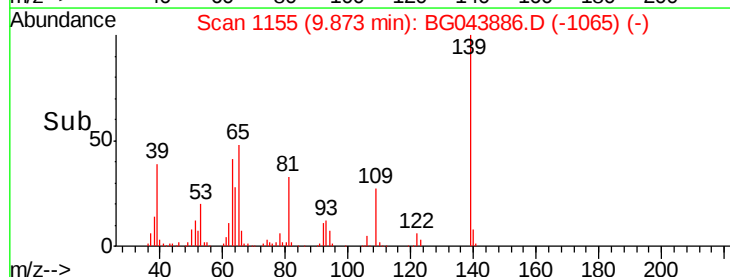
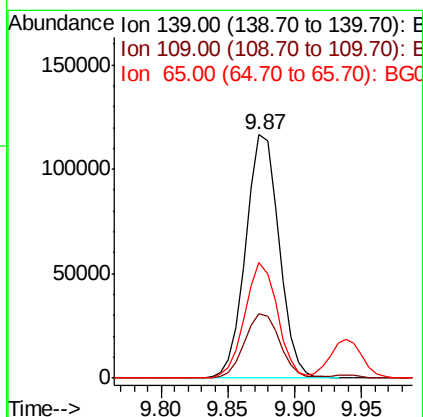
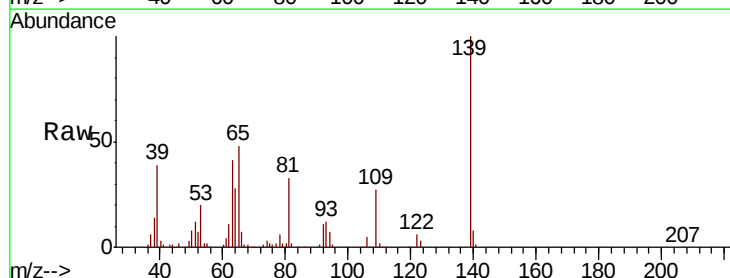
Instrument :
BNA_P
ClientSampleId :

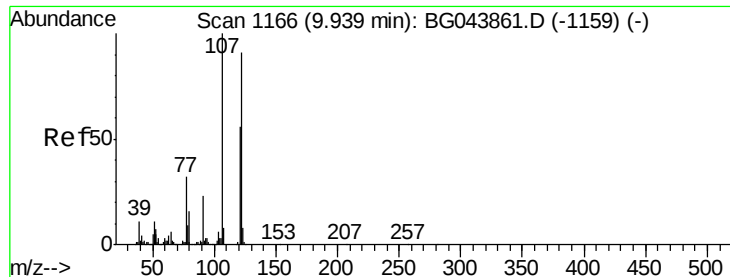
Tot Ion: 82 Resp: 832201
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.6
138 19.2 14.6 22.0



#26
2-Nitrophenol
Concen: 38.842 ng
RT: 9.87 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG043886.D
Acq: 3 Jan 2020 13:53

Tgt Ion: 139 Resp: 201715
Ion Ratio Lower Upper
139 100
109 26.6 21.3 31.9
65 47.6 38.6 57.8





#27

2,4-Dimethylphenol

Concen: 39.724 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

Instrument :

BNA_P

ClientSampled :

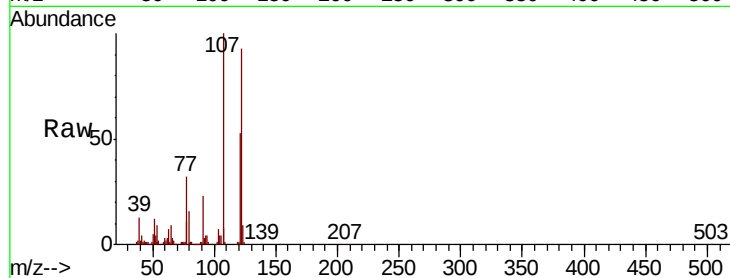
Tot Ion:122 Resp: 310537

Ion Ratio Lower Upper

122 100

107 107.1 88.0 132.0

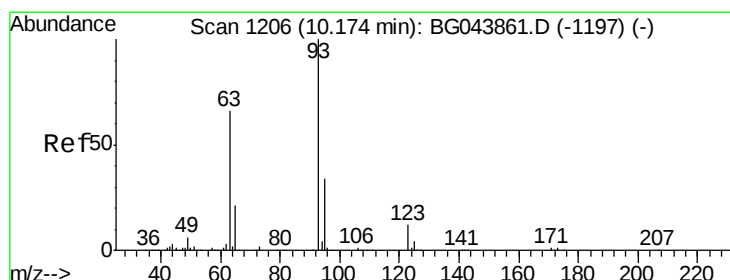
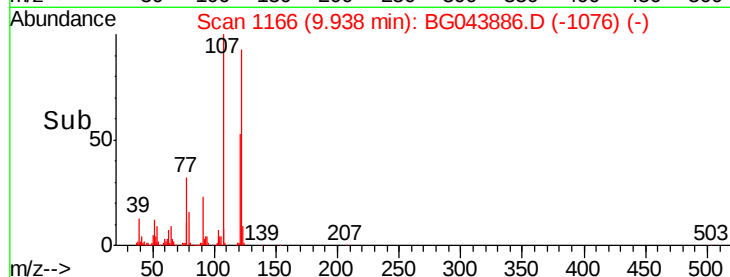
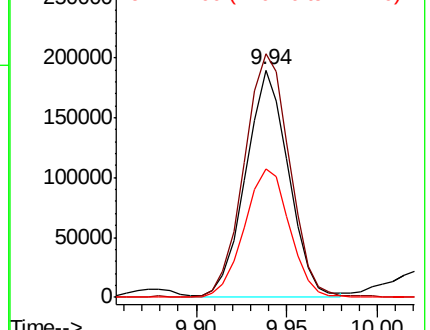
121 56.4 49.0 73.4



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: 40.245 ng

RT: 10.17 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

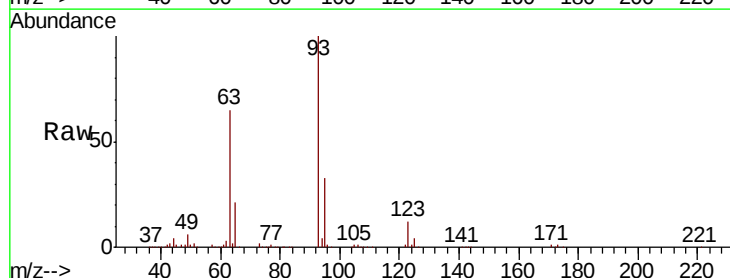
Tgt Ion: 93 Resp: 557878

Ion Ratio Lower Upper

93 100

95 33.1 27.2 40.8

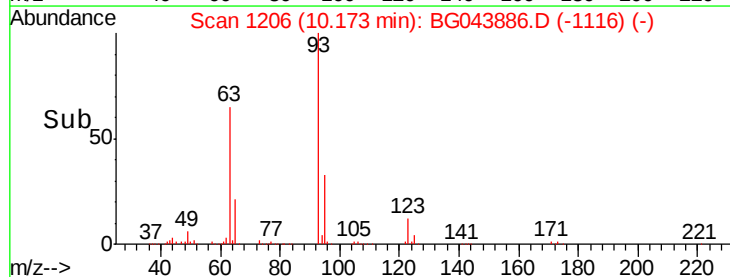
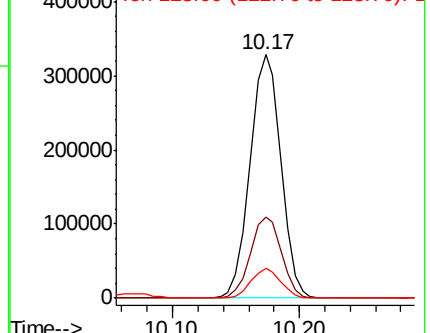
123 12.0 9.7 14.5

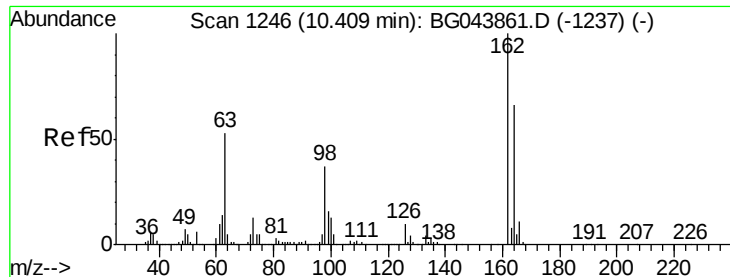


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

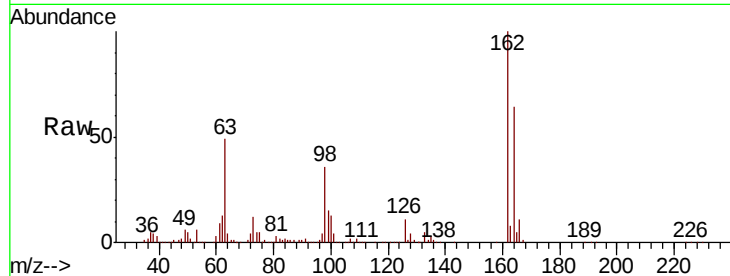




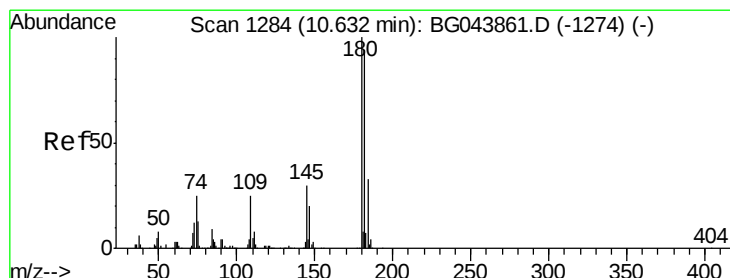
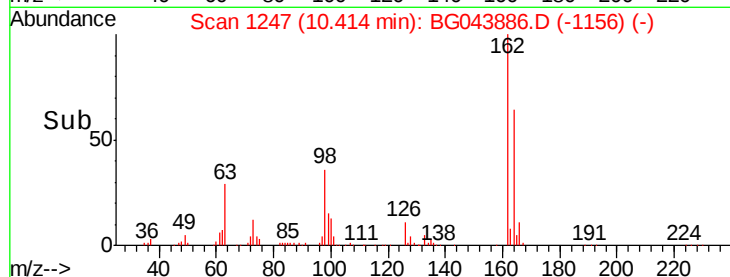
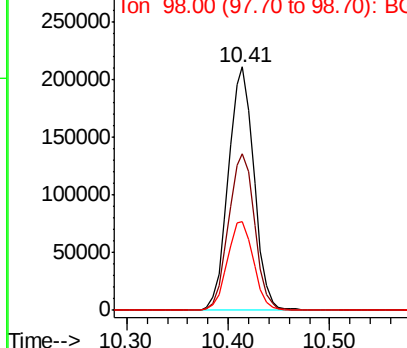
#29
2,4-Dichlorophenol
Concen: 39.734 ng
RT: 10.41 min Scan# 1247
Delta R.T. 0.01 min
Lab File: BG043886.D
Acq: 3 Jan 2020 13:53

Instrument :
BNA_P
ClientSampleId :

Tot Ion:162 Resp: 370516
Ion Ratio Lower Upper
162 100
164 64.4 46.3 86.3
98 36.4 17.3 57.3

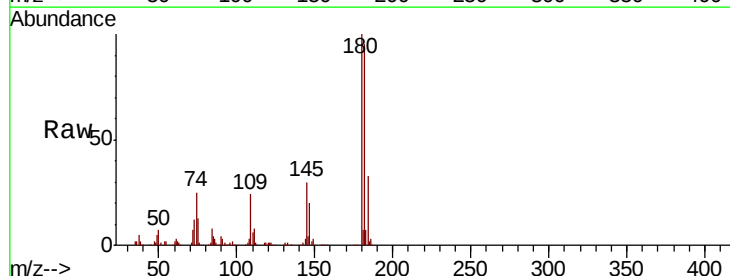


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

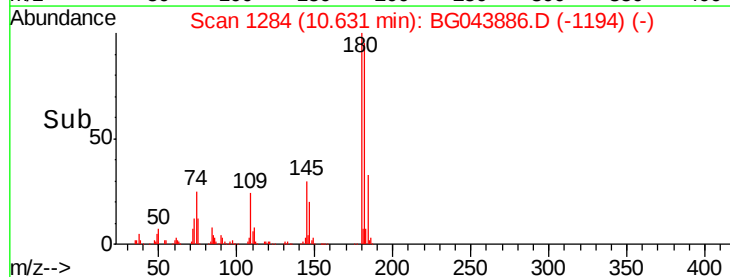
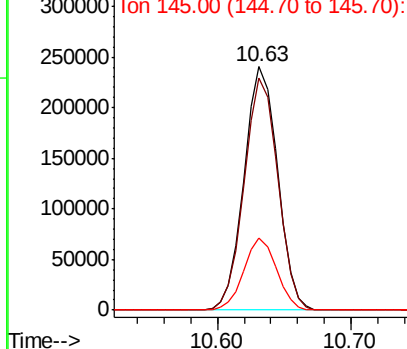


#30
1,2,4-Trichlorobenzene
Concen: 39.864 ng
RT: 10.63 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG043886.D
Acq: 3 Jan 2020 13:53

Tgt Ion:180 Resp: 416794
Ion Ratio Lower Upper
180 100
182 95.1 75.0 112.4
145 29.8 24.2 36.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

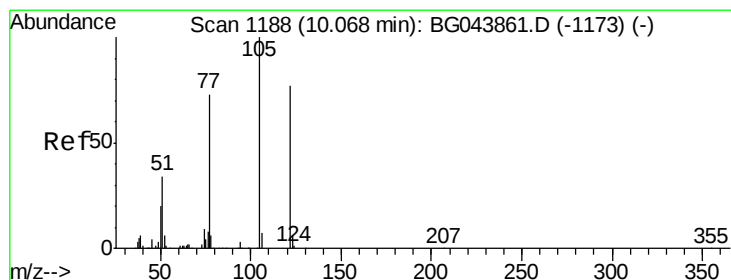
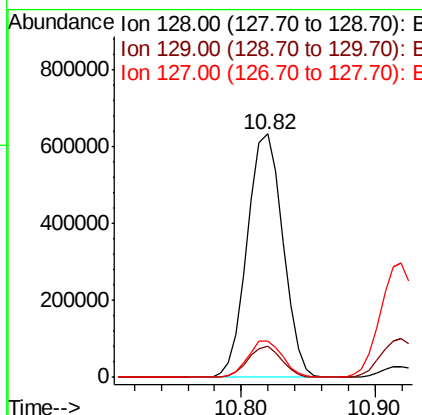
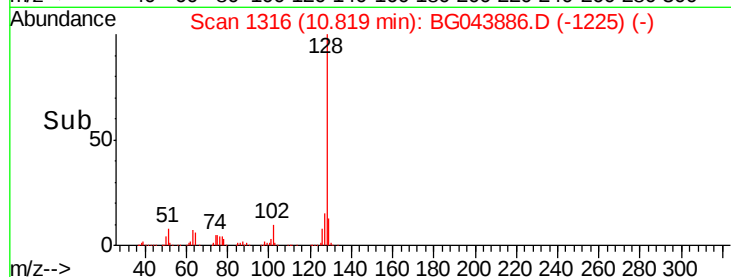
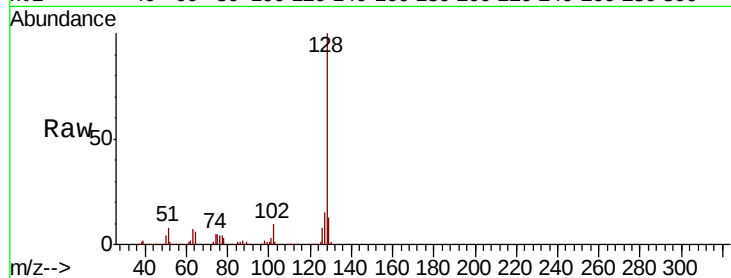




#31
Naphthalene
Concen: 40.626 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BG043886.D
Acq: 3 Jan 2020 13:53

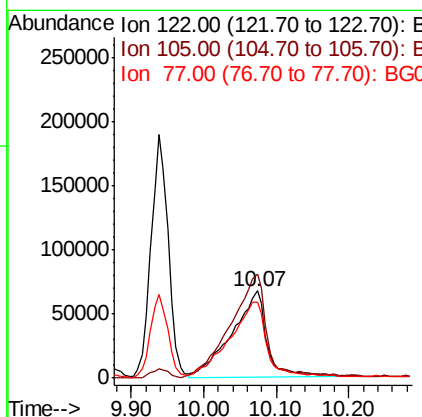
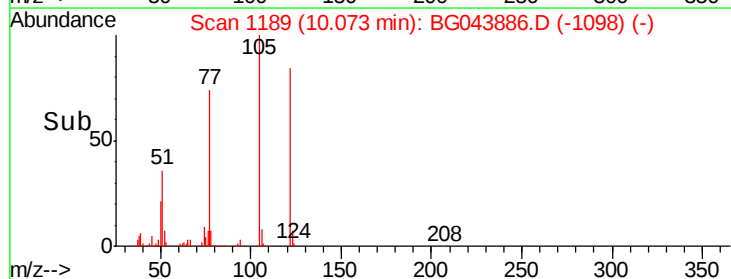
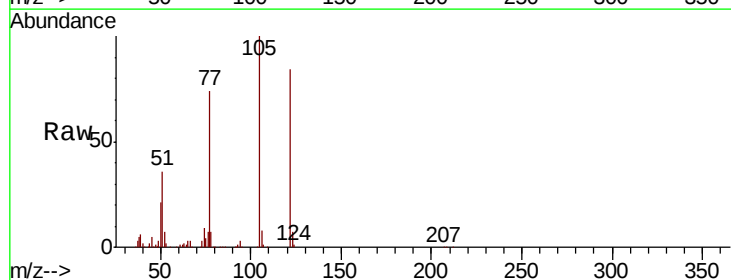
Instrument :
BNA_P
ClientSampleId :

Tot Ion:128 Resp: 1165595
Ion Ratio Lower Upper
128 100
129 12.6 9.8 14.6
127 15.1 12.0 18.0



#32
Benzoic acid
Concen: 36.479 ng
RT: 10.07 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG043886.D
Acq: 3 Jan 2020 13:53

Tgt Ion:122 Resp: 221228
Ion Ratio Lower Upper
122 100
105 118.9 106.4 146.4
77 87.8 74.6 114.6

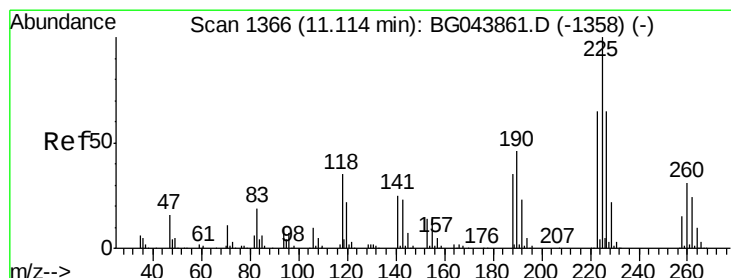
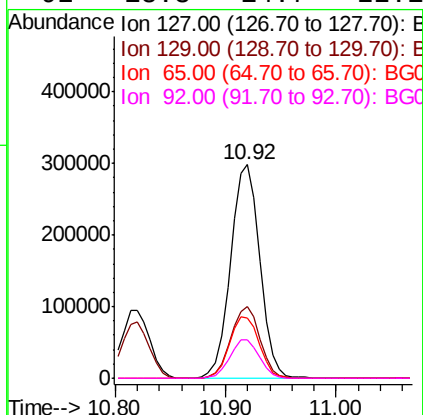
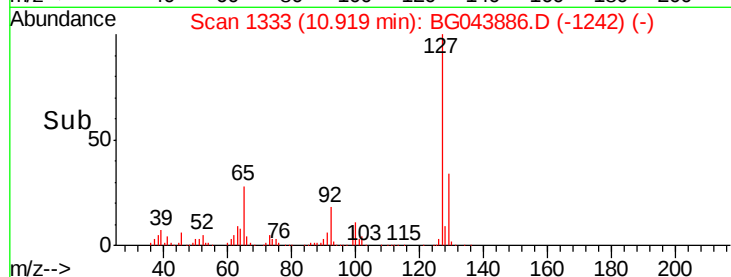
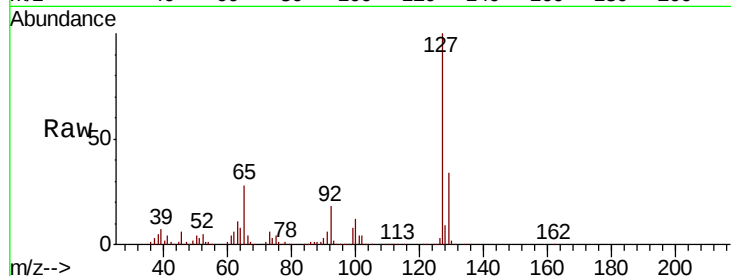




#33
4-Chloroaniline
Concen: 40.484 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BG043886.D
Acq: 3 Jan 2020 13:53

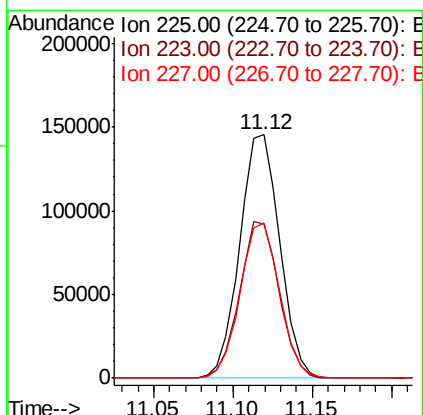
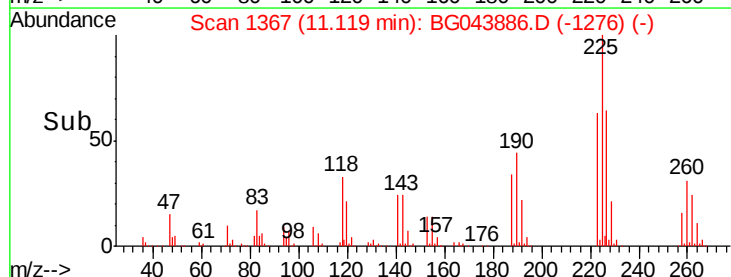
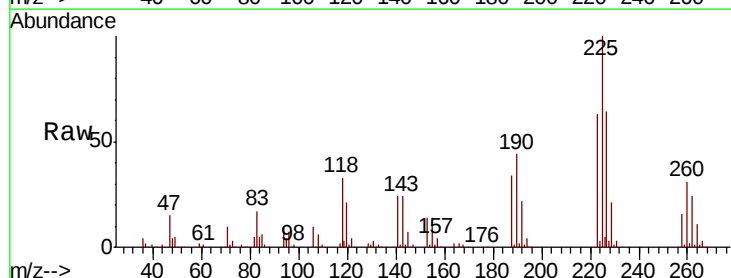
Instrument :
BNA_P
ClientSampleId :

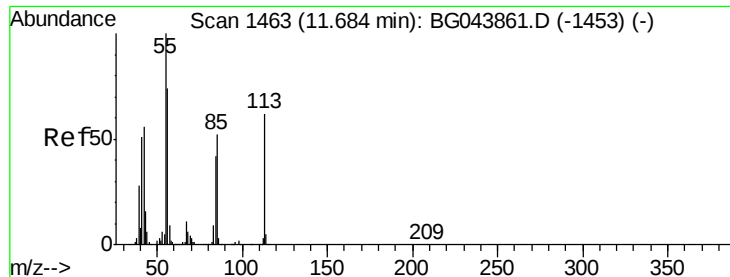
Tot Ion:	127	Resp:	553995
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.6	40.0
65	28.2	23.3	34.9
92	18.3	14.7	22.1



#34
Hexachlorobutadiene
Concen: 39.898 ng
RT: 11.12 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BG043886.D
Acq: 3 Jan 2020 13:53

Tgt Ion:	225	Resp:	254697
Ion	Ratio	Lower	Upper
225	100		
223	63.3	52.2	78.4
227	63.8	52.1	78.1





#35

Caprolactam

Concen: 41.674 ng

RT: 11.68 min Scan# 1463

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

Instrument :

BNA_P

ClientSampled :

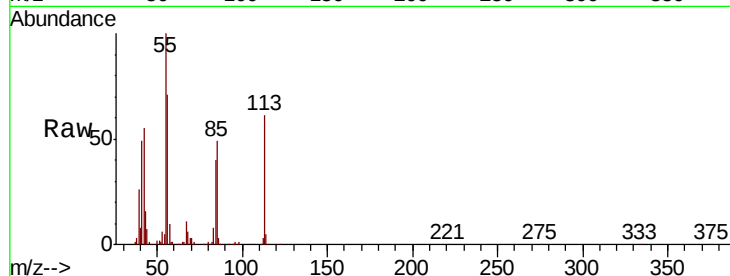
Tot Ion:113 Resp: 144666

Ion Ratio Lower Upper

113 100

55 163.4 142.5 182.5

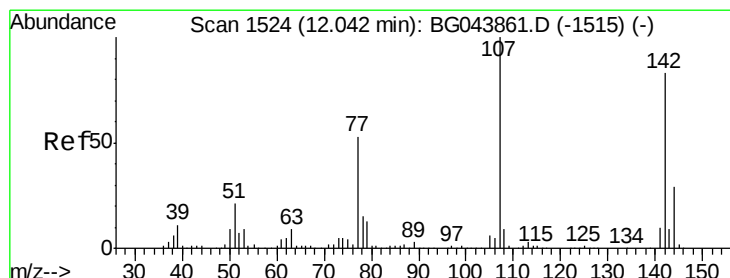
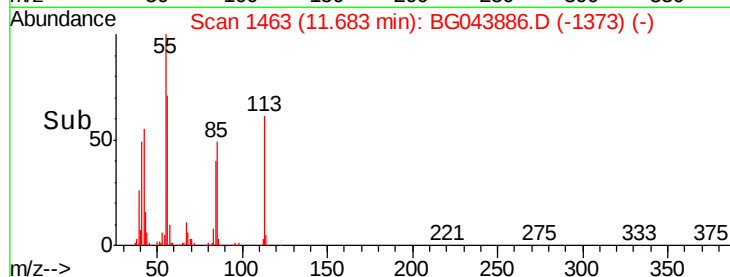
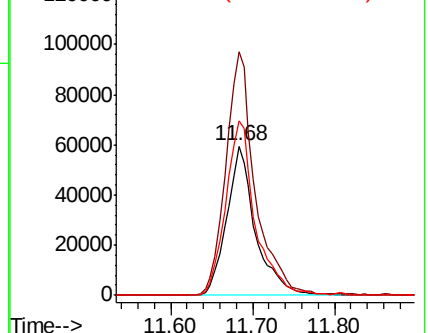
56 116.7 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 41.102 ng

RT: 12.04 min Scan# 1524

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

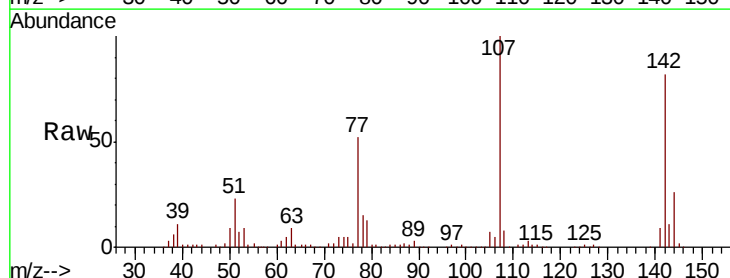
Tgt Ion:107 Resp: 408012

Ion Ratio Lower Upper

107 100

144 26.3 23.4 35.2

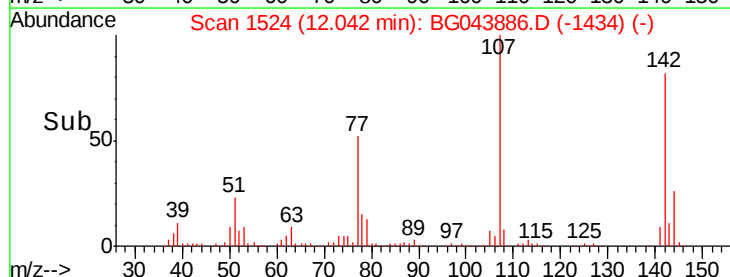
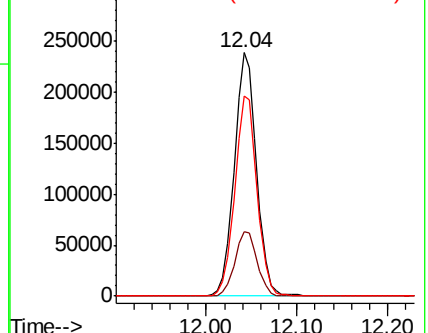
142 82.3 66.3 99.5

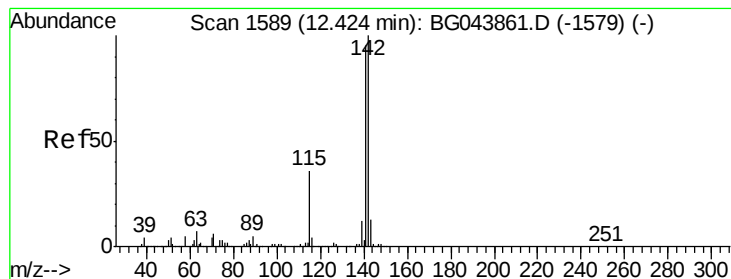


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.064 ng

RT: 12.42 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

Instrument :

BNA_P

ClientSampleId :

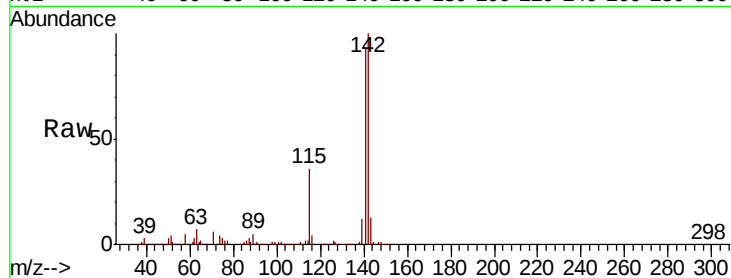
Tot Ion:142 Resp: 886987

Ion Ratio Lower Upper

142 100

141 93.0 75.8 113.8

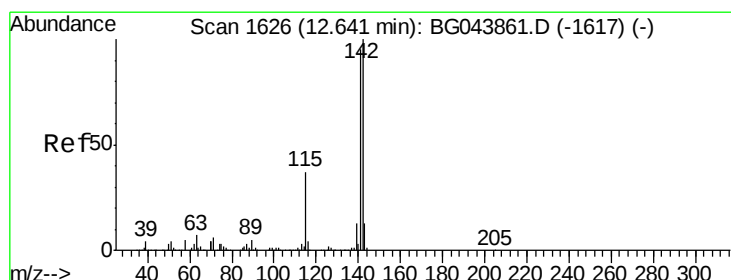
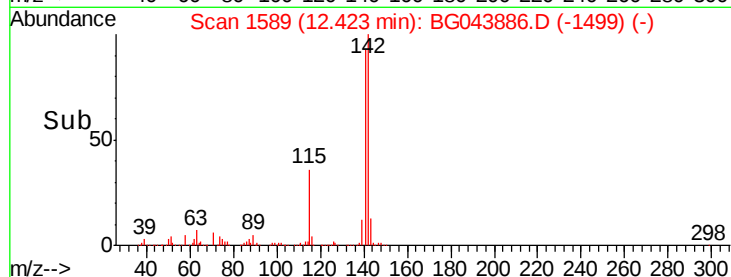
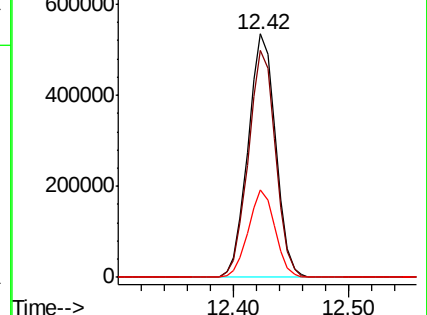
115 35.8 28.6 42.8



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: 41.242 ng

RT: 12.64 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

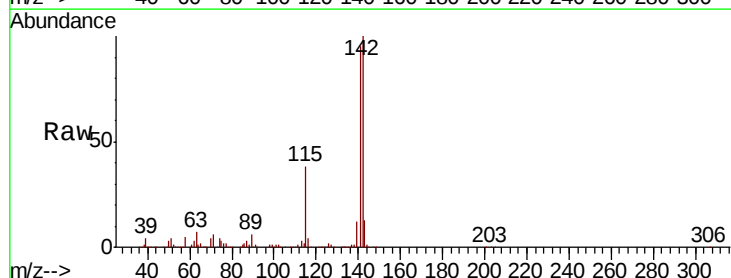
Tgt Ion:142 Resp: 844302

Ion Ratio Lower Upper

142 100

141 95.2 76.0 114.0

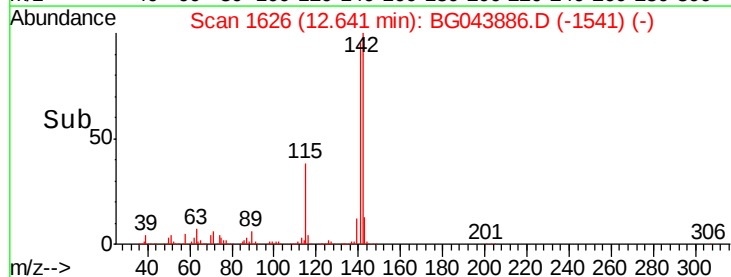
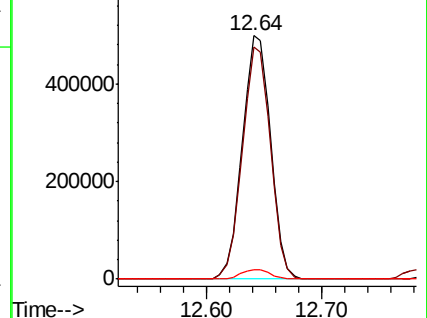
116 3.7 3.1 4.7



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: 14.60 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

Instrument :

BNA_P

ClientSampleId :

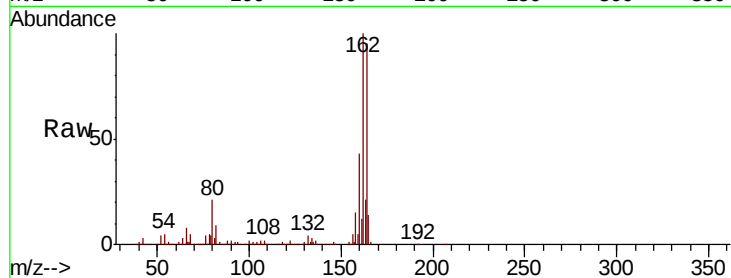
Tot Ion:164 Resp: 397152

Ion Ratio Lower Upper

164 100

162 105.0 83.0 124.4

160 45.5 36.1 54.1

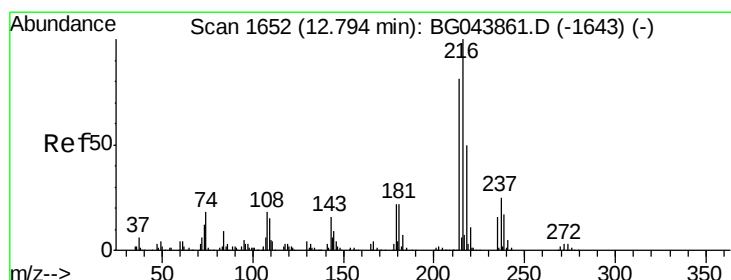
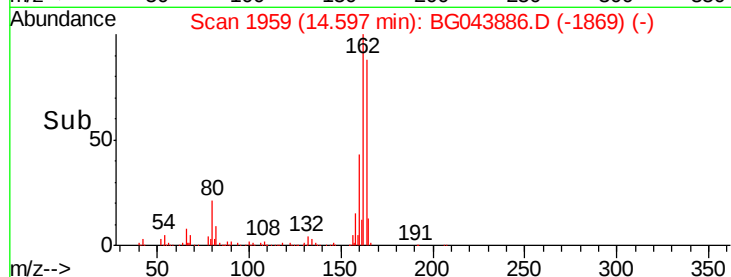
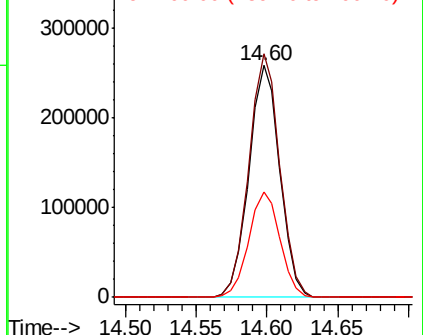


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.193 ng

RT: 12.79 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

Tgt Ion:216 Resp: 456232

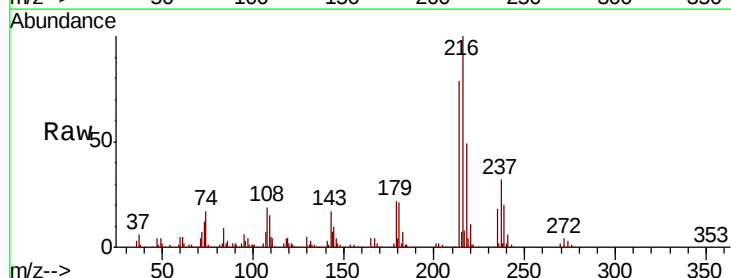
Ion Ratio Lower Upper

216 100

214 79.0 63.8 95.8

179 21.7 17.3 25.9

108 19.1 15.3 22.9



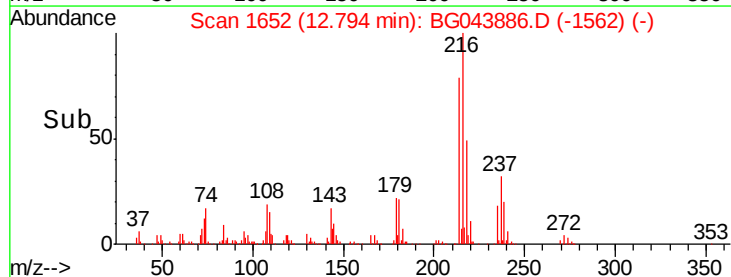
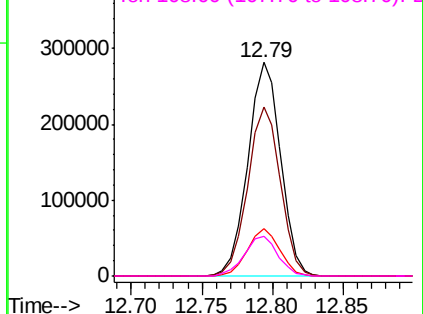
Abundance

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: 39.973 ng

RT: 12.78 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

Instrument :

BNA_P

ClientSampleId :

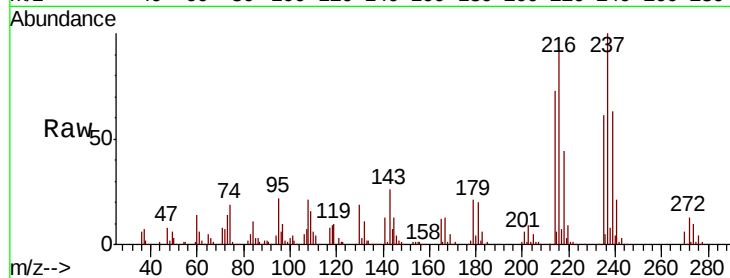
Tot Ion:237 Resp: 241235

Ion Ratio Lower Upper

237 100

235 60.8 41.1 81.1

272 12.8 0.0 31.7

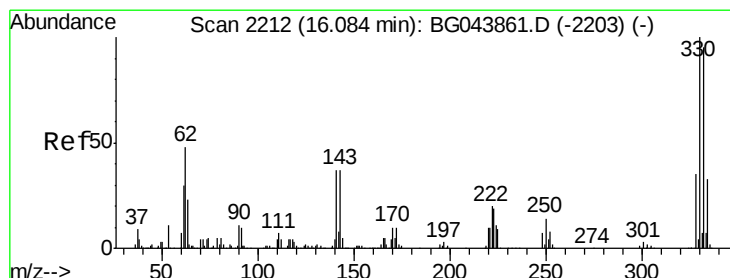
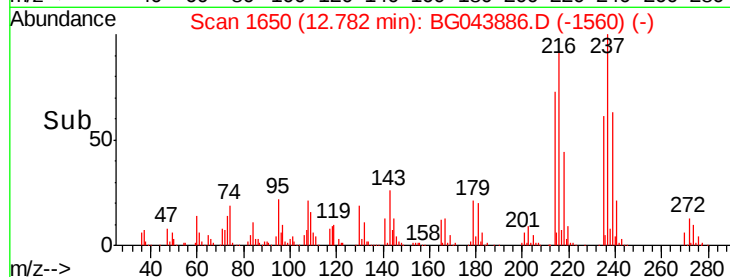
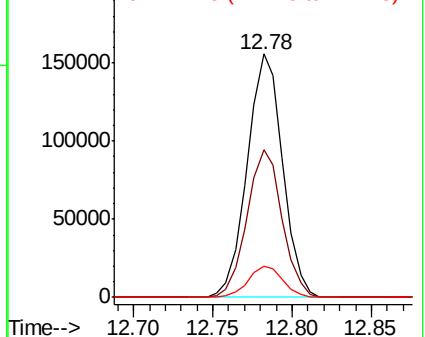


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 84.211 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

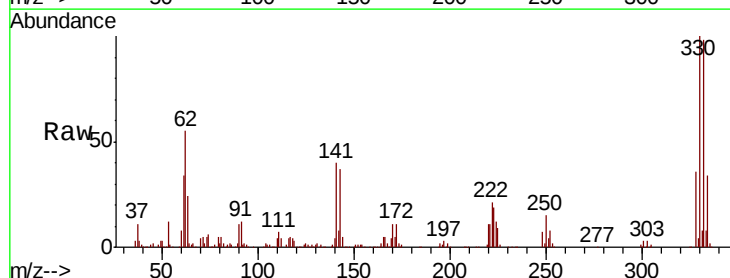
Tgt Ion:330 Resp: 349990

Ion Ratio Lower Upper

330 100

332 96.7 77.2 115.8

141 41.1 33.1 49.7

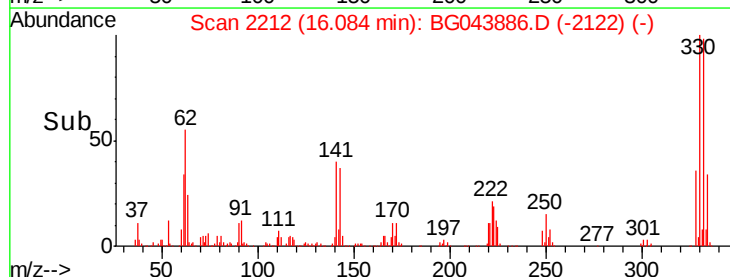
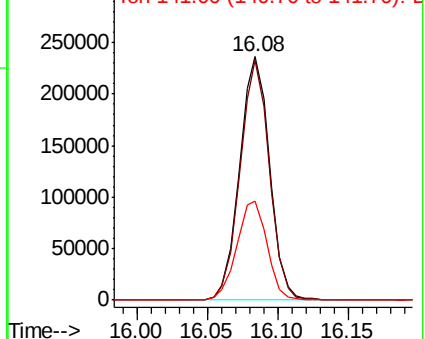


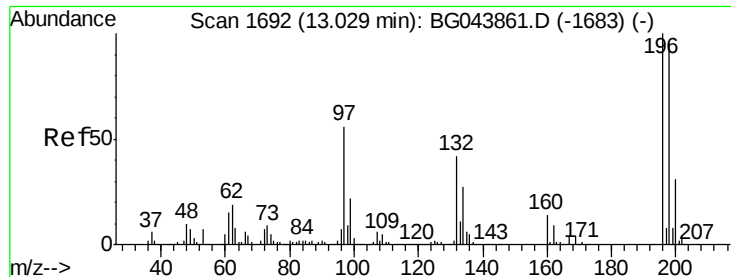
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

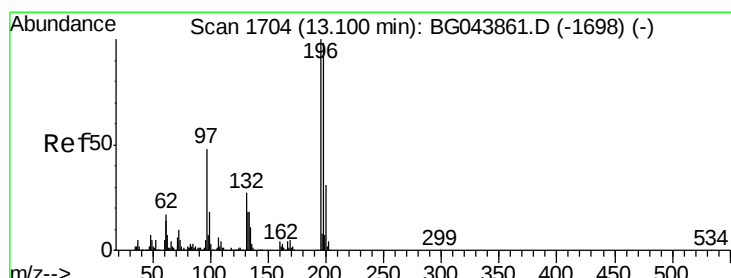
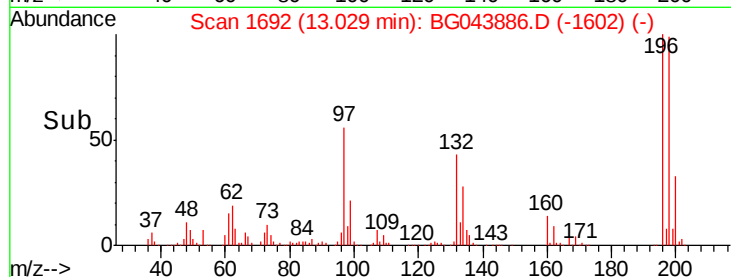
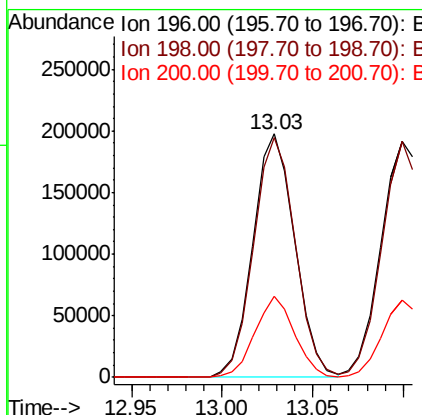
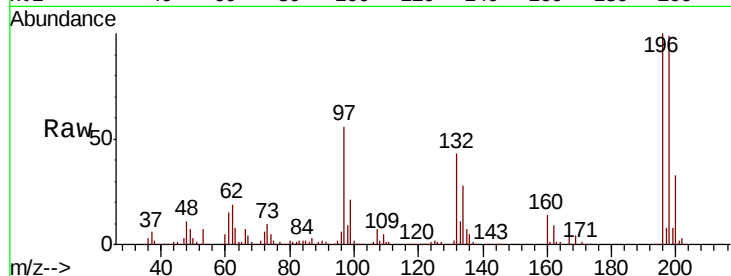




#43
 2,4,6-Trichlorophenol
 Concen: 39.639 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG043886.D
 Acq: 3 Jan 2020 13:53

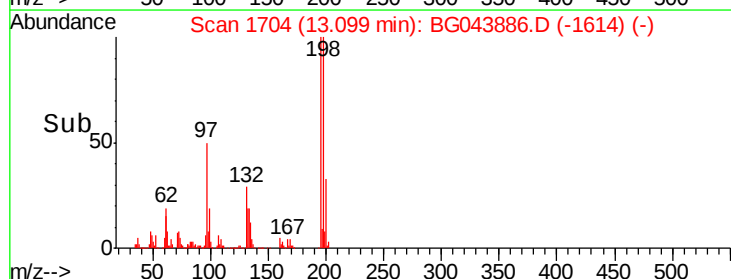
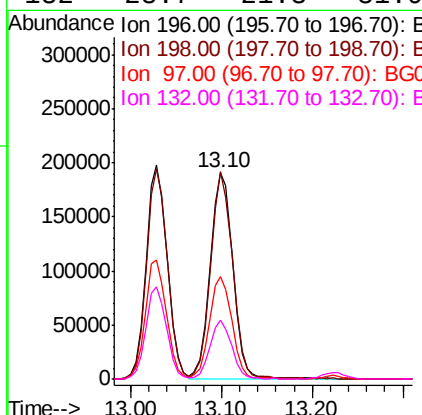
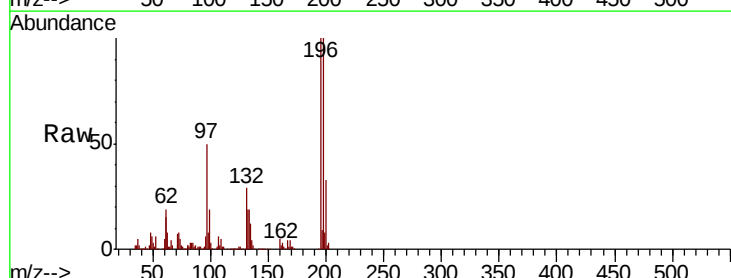
Instrument :
 BNA_P
 ClientSampleId :

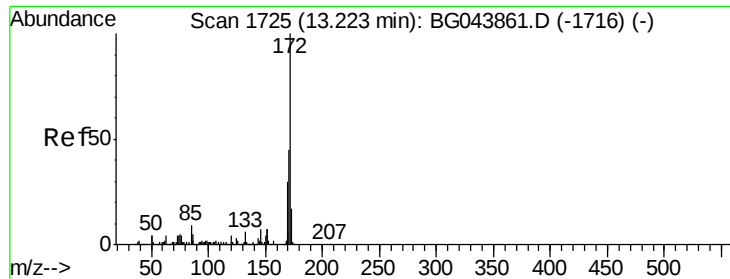
Tot Ion:196 Resp: 317494
 Ion Ratio Lower Upper
 196 100
 198 98.6 76.6 115.0
 200 33.3 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 39.986 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG043886.D
 Acq: 3 Jan 2020 13:53

Tgt Ion:196 Resp: 330320
 Ion Ratio Lower Upper
 196 100
 198 100.3 78.3 117.5
 97 49.8 38.8 58.2
 132 28.7 21.3 31.9

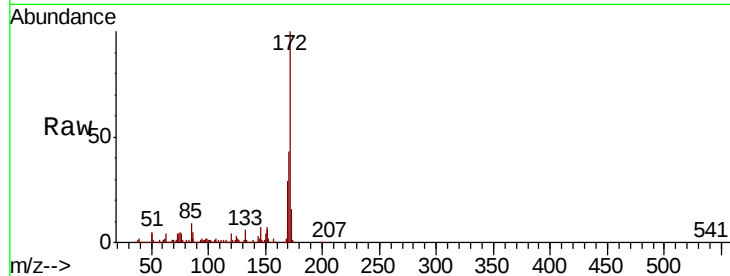




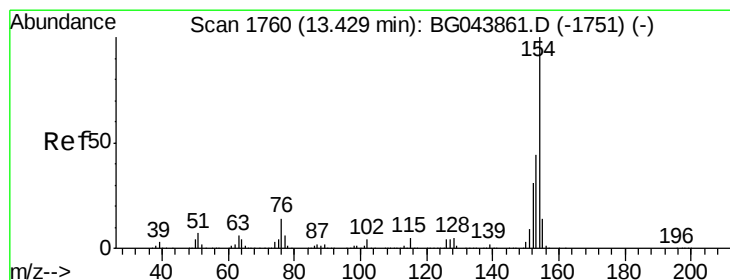
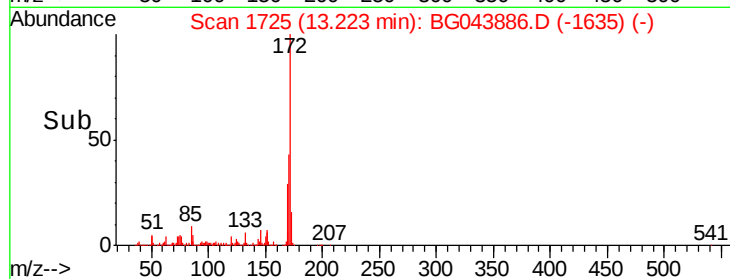
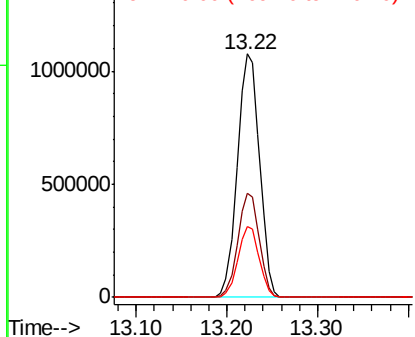
#45
2-Fluorobiphenyl
Concen: 83.500 ng
RT: 13.22 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BG043886.D
Acq: 3 Jan 2020 13:53

Instrument :
BNA_P
ClientSampleId :

Tot Ion:172 Resp: 1830386
Ion Ratio Lower Upper
172 100
171 42.7 35.8 53.8
170 29.2 24.2 36.4

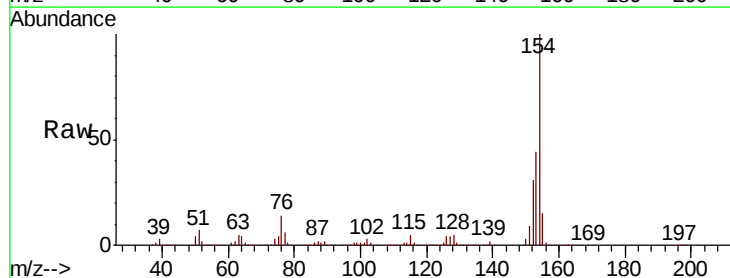


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

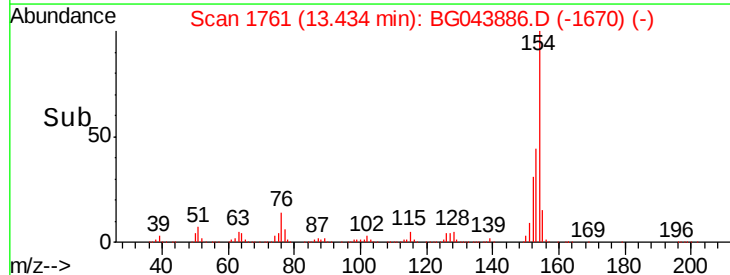
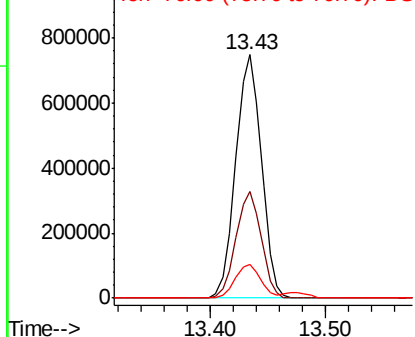


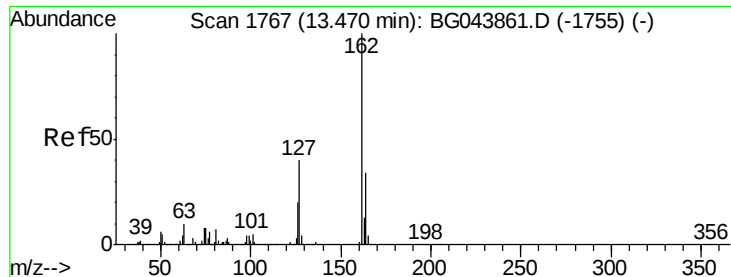
#46
1,1'-Biphenyl
Concen: 40.363 ng
RT: 13.43 min Scan# 1761
Delta R.T. 0.01 min
Lab File: BG043886.D
Acq: 3 Jan 2020 13:53

Tgt Ion:154 Resp: 1149352
Ion Ratio Lower Upper
154 100
153 43.9 23.6 63.6
76 13.6 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

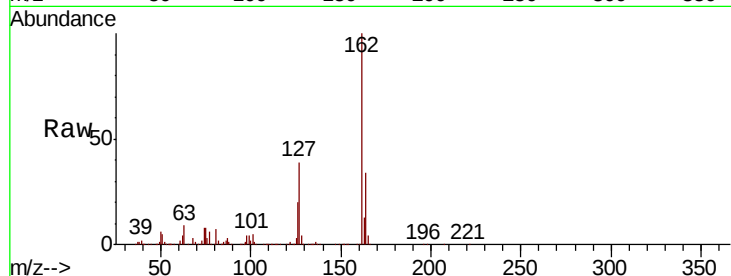




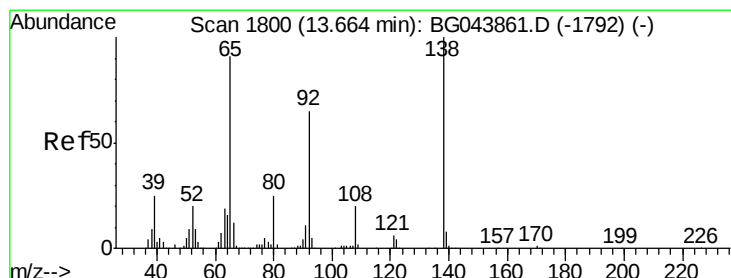
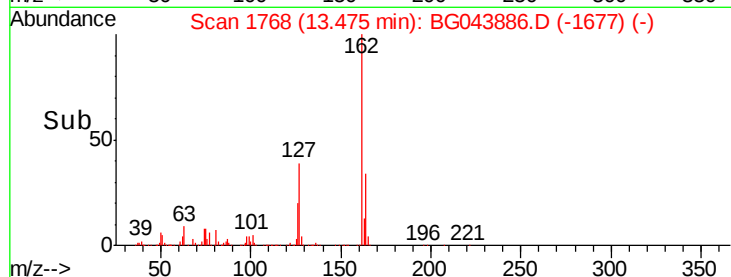
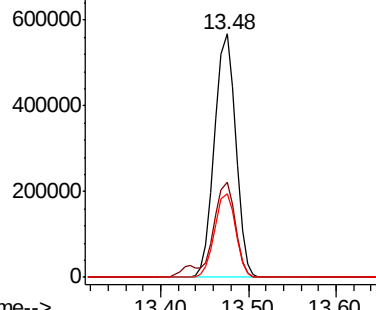
#47
2-Chloronaphthalene
Concen: 40.126 ng
RT: 13.48 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BG043886.D
Acq: 3 Jan 2020 13:53

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	32.1	48.1
164	34.2	27.5	41.3

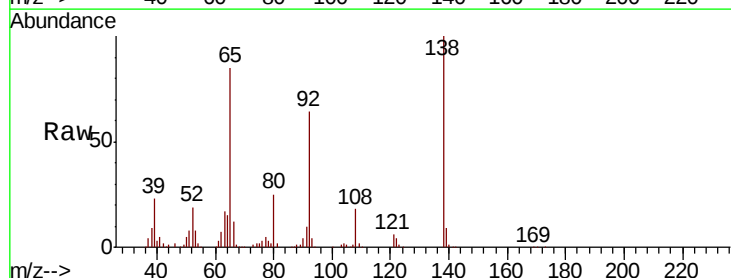


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

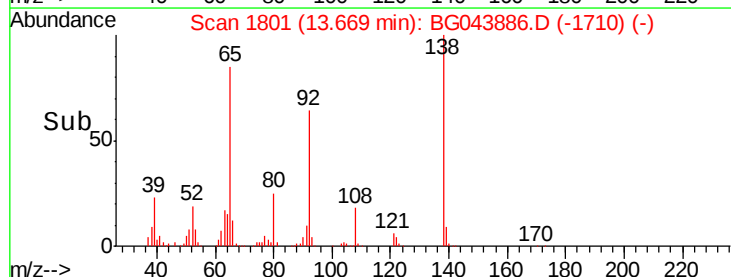
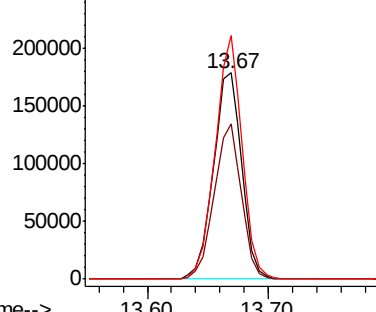


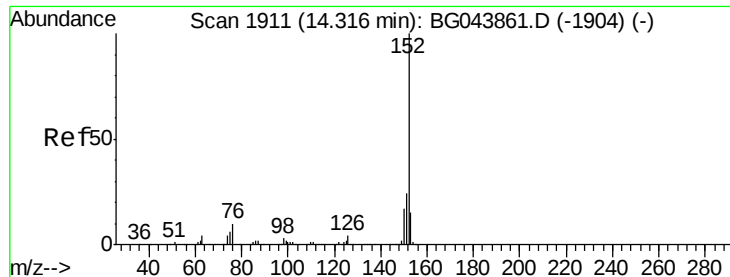
#48
2-Nitroaniline
Concen: 39.453 ng
RT: 13.67 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BG043886.D
Acq: 3 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.2	57.4	86.2
138	118.1	88.2	132.4



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





#49

Acenaphthylene

Concen: 41.085 ng

RT: 14.32 min Scan# 1912

Delta R.T. 0.01 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

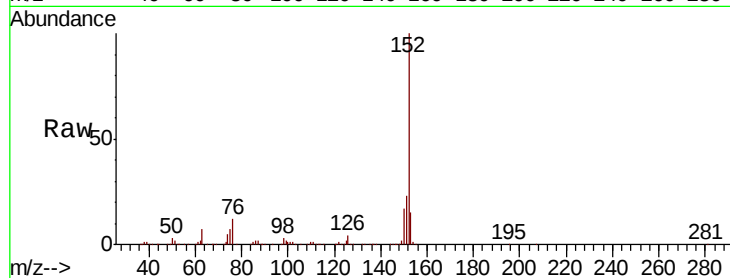
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 1358756

Ion	Ratio	Lower	Upper
152	100		
151	23.2	19.4	29.2
153	15.0	12.0	18.0

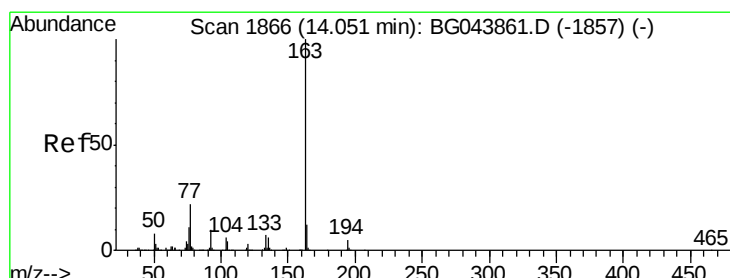
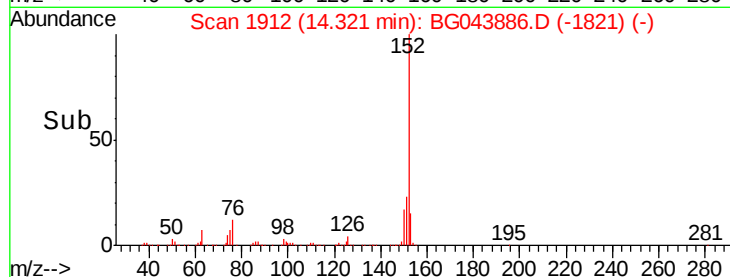
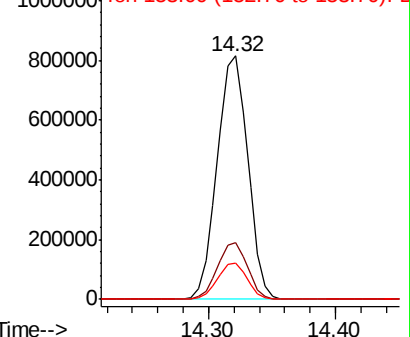


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.309 ng

RT: 14.05 min Scan# 1866

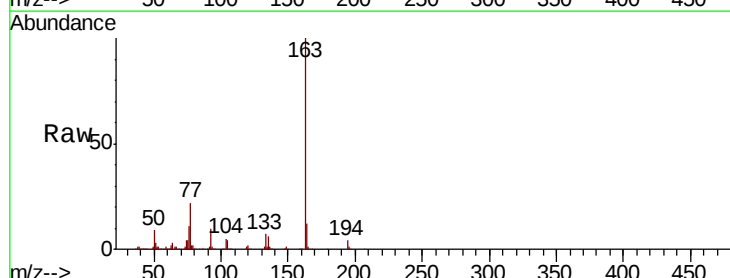
Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

Tgt Ion:163 Resp: 1164875

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.7	5.5
164	11.8	9.3	13.9

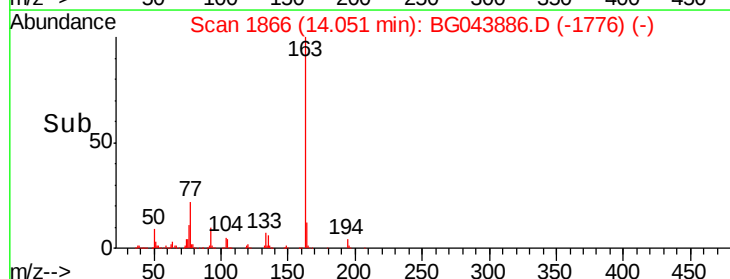
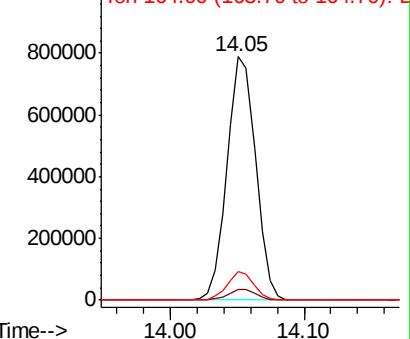


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

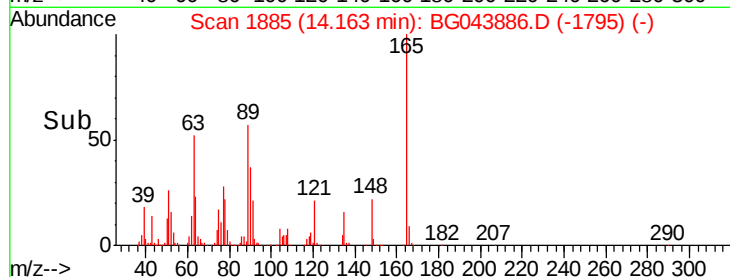
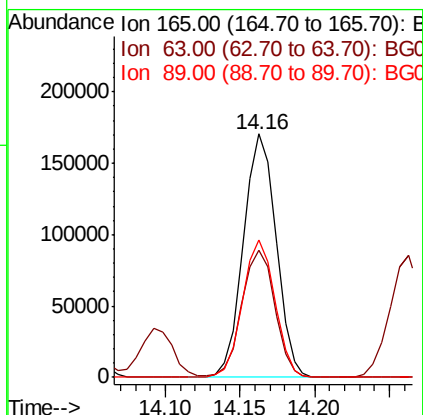
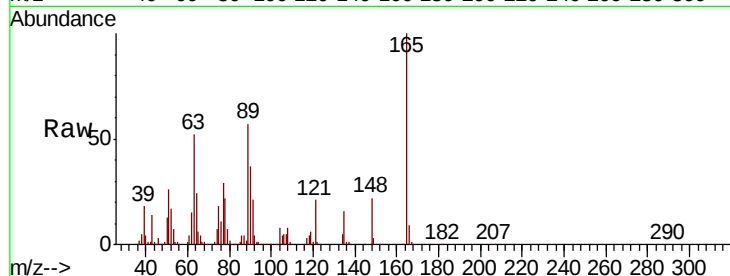




#51
 2,6-Dinitrotoluene
 Concen: 40.426 ng
 RT: 14.16 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: BG043886.D
 Acq: 3 Jan 2020 13:53

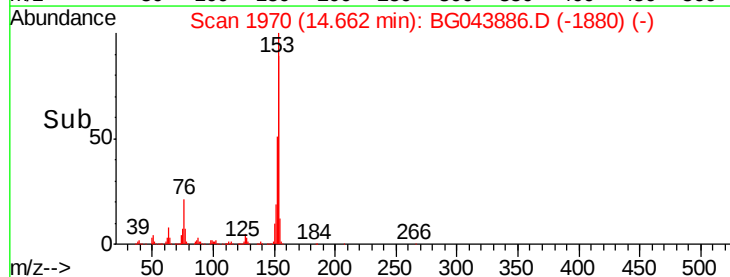
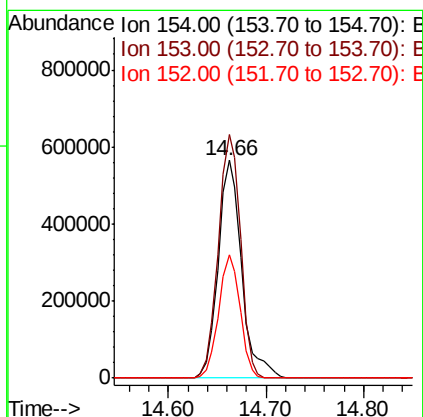
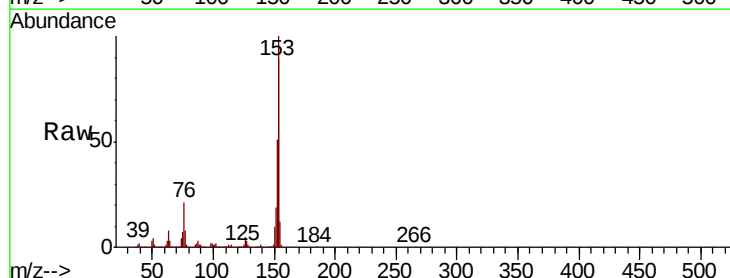
Instrument :
 BNA_P
 ClientSampleId :

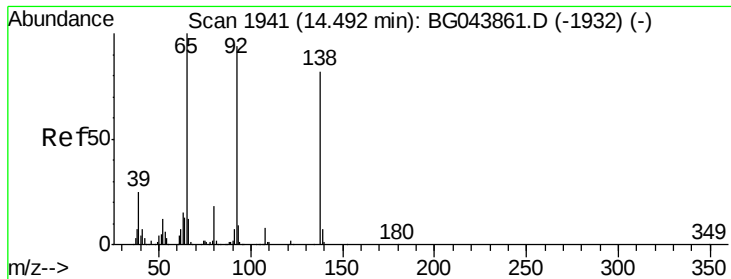
Tot Ion	165	Resp	257665
Ion	Ratio	Lower	Upper
165	100		
63	52.3	43.1	64.7
89	56.7	43.8	65.6



#52
 Acenaphthene
 Concen: 40.554 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: BG043886.D
 Acq: 3 Jan 2020 13:53

Tgt Ion	154	Resp	940565
Ion	Ratio	Lower	Upper
154	100		
153	112.0	91.6	137.4
152	56.9	45.4	68.0

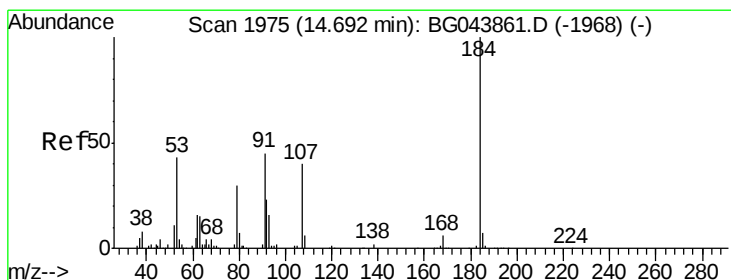
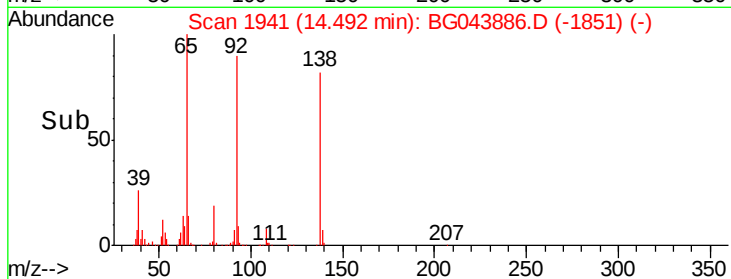
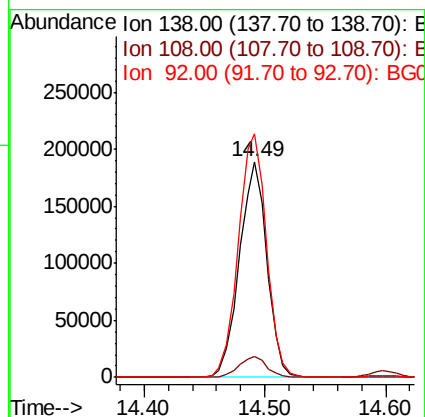
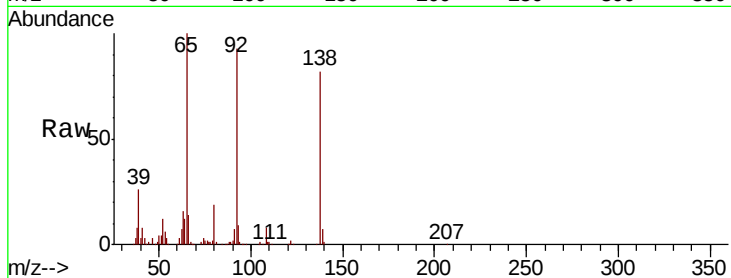




#53
3-Nitroaniline
Concen: 41.555 ng
RT: 14.49 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG043886.D
Acq: 3 Jan 2020 13:53

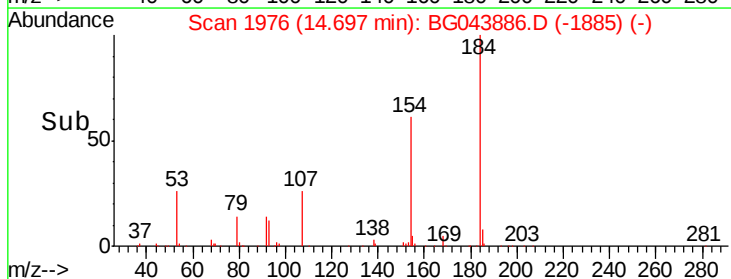
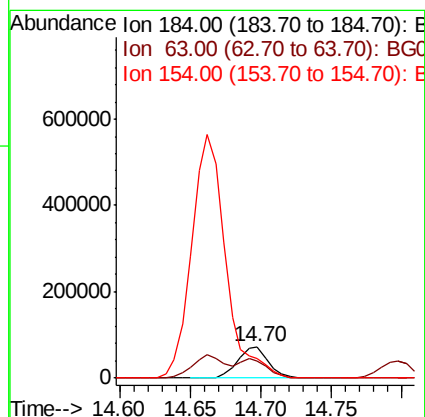
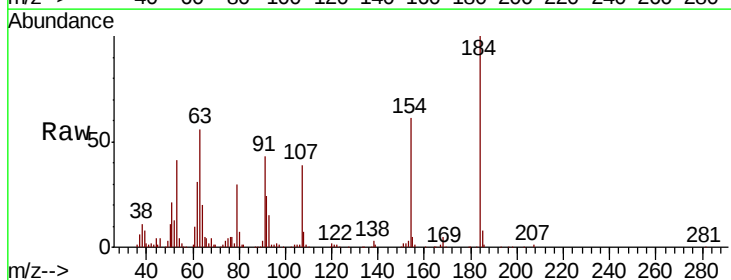
Instrument :
BNA_P
ClientSampleId :

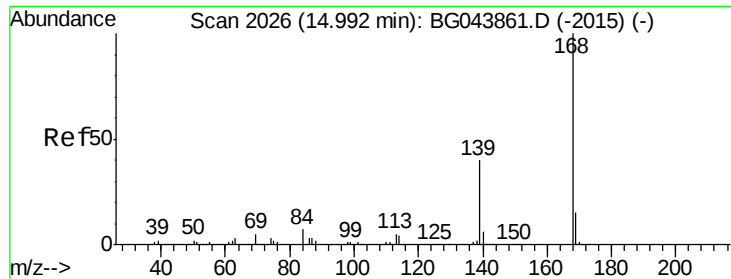
Tot Ion:138 Resp: 300770
Ion Ratio Lower Upper
138 100
108 9.9 7.4 11.2
92 112.9 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 37.361 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BG043886.D
Acq: 3 Jan 2020 13:53

Tgt Ion:184 Resp: 111128
Ion Ratio Lower Upper
184 100
63 56.3 46.6 70.0
154 60.7 50.2 75.4

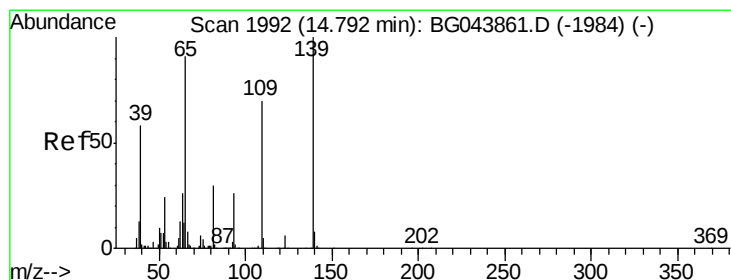
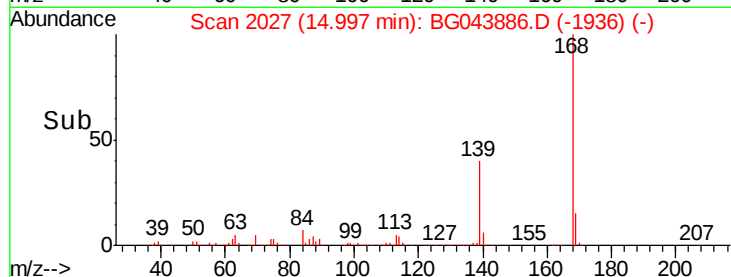
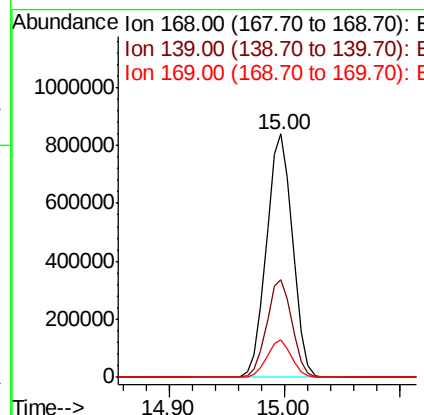
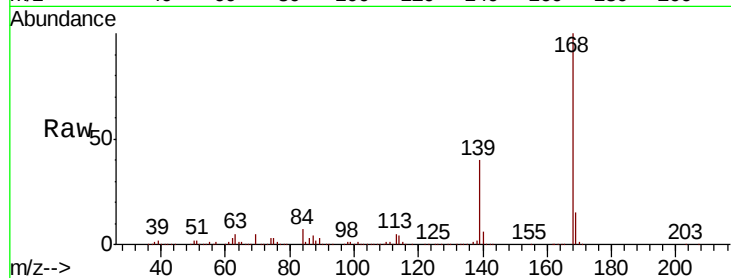




#55
Dibenzofuran
Concen: 41.404 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BG043886.D
Acq: 3 Jan 2020 13:53

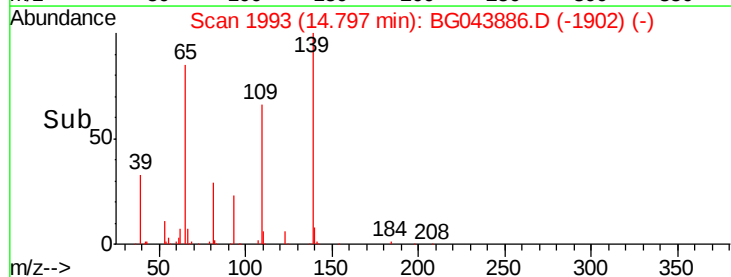
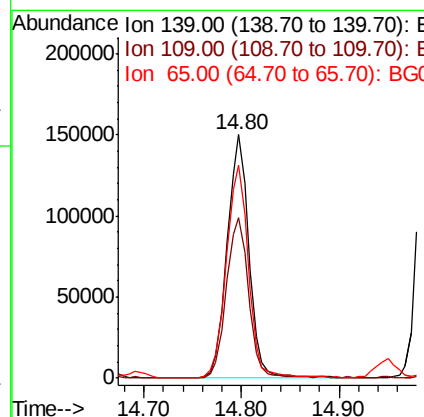
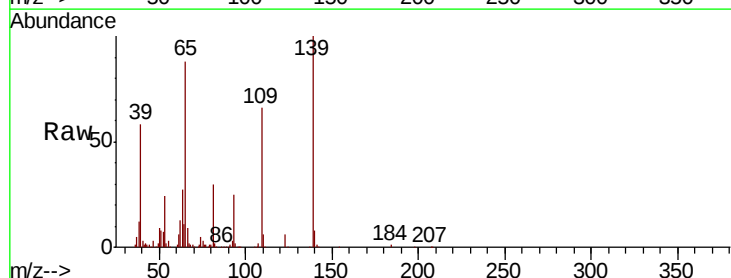
Instrument :
BNA_P
ClientSampleId :

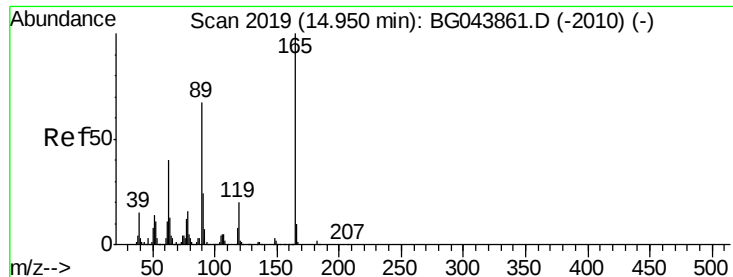
Tot Ion:168 Resp: 1321945
Ion Ratio Lower Upper
168 100
139 40.2 32.2 48.2
169 15.2 12.2 18.2



#56
4-Nitrophenol
Concen: 42.096 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.01 min
Lab File: BG043886.D
Acq: 3 Jan 2020 13:53

Tgt Ion:139 Resp: 233483
Ion Ratio Lower Upper
139 100
109 65.6 50.4 90.4
65 87.7 71.4 111.4

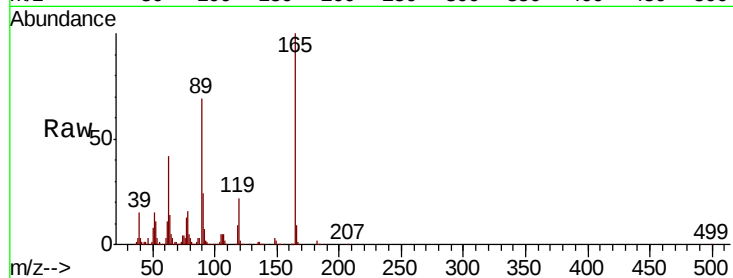




#57
2,4-Dinitrotoluene
Concen: 41.356 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG043886.D
Acq: 3 Jan 2020 13:53

Instrument :
BNA_P
ClientSampleId :

Tot Ion	165	Resp	358670
Ion Ratio	Lower	Upper	
165	100		
63	41.6	31.9	47.9
89	68.9	53.8	80.6
182	2.3	2.0	3.0

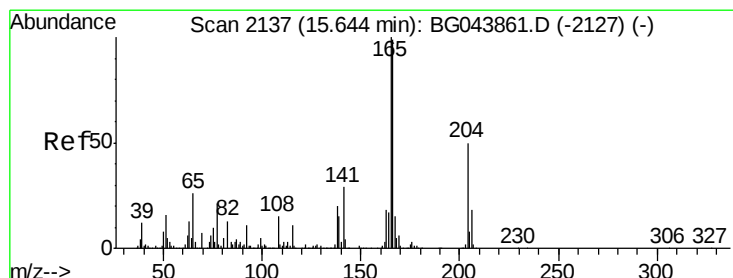
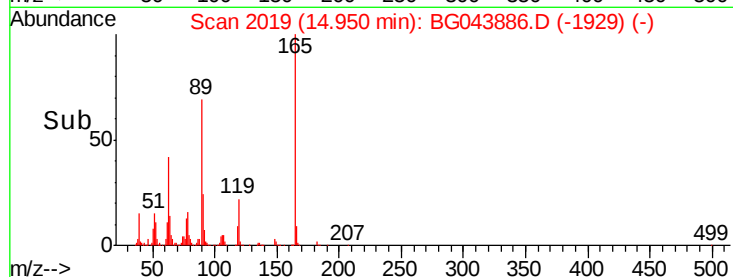
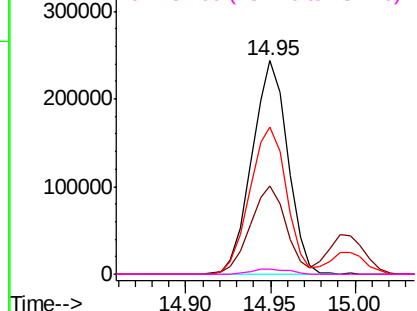


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG043886.D (-1929) (-)

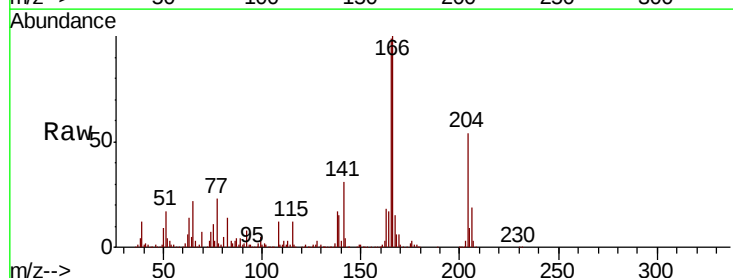
Ion 89.00 (88.70 to 89.70): BG043886.D (-1929) (-)

Ion 182.00 (181.70 to 182.70): BG043886.D (-1929) (-)



#58
Fluorene
Concen: 41.429 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG043886.D
Acq: 3 Jan 2020 13:53

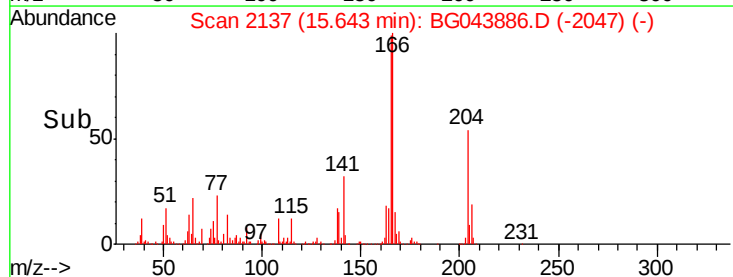
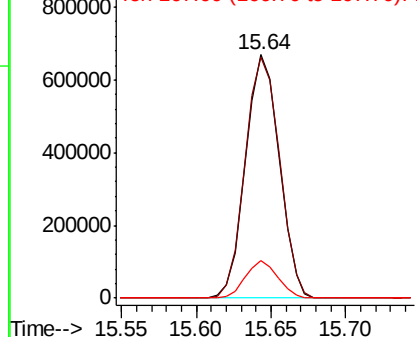
Tgt Ion	166	Resp	1048401
Ion Ratio	Lower	Upper	
166	100		
165	99.1	80.8	121.2
167	15.3	12.1	18.1



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

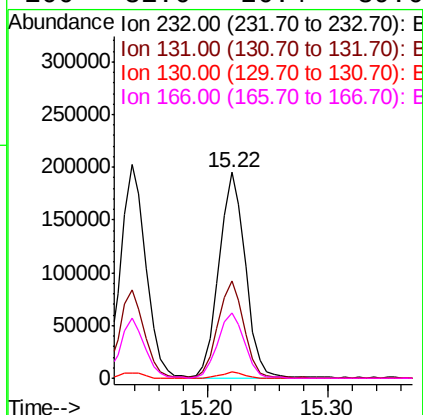
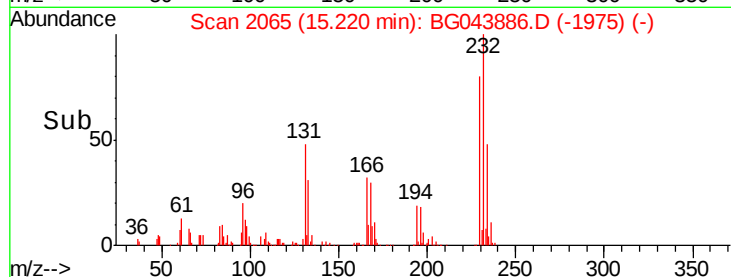
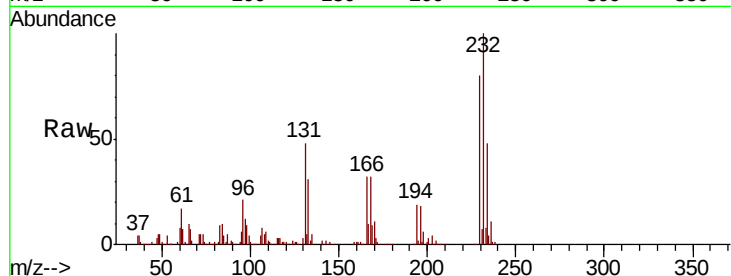




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.414 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: BG043886.D
 Acq: 3 Jan 2020 13:53

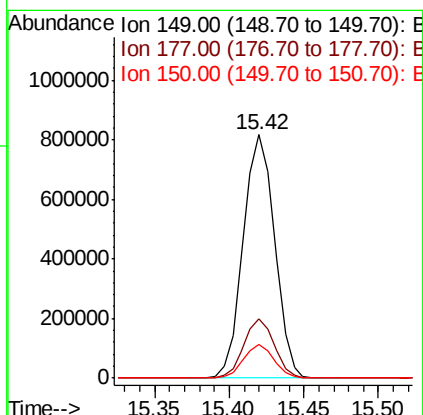
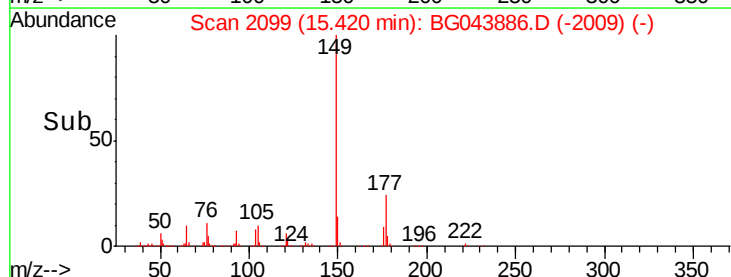
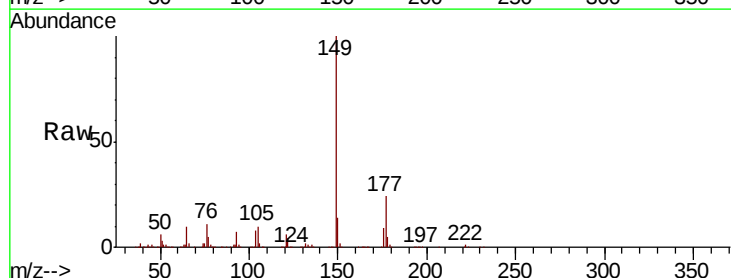
Instrument :
 BNA_P
 ClientSampleId :

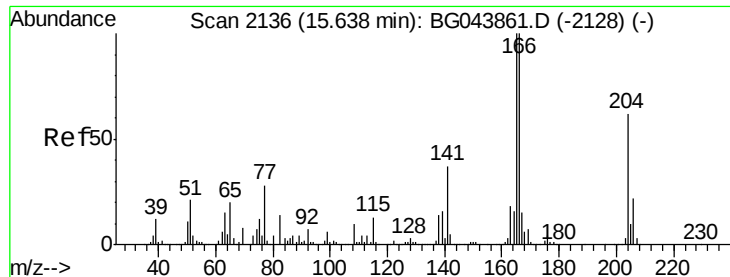
Tot Ion:232	Resp:	294186
Ion	Ratio	Lower Upper
232	100	
131	46.3	38.2 57.2
130	2.7	2.2 3.2
166	31.6	26.4 39.6



#60
 Diethylphthalate
 Concen: 42.174 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. -0.00 min
 Lab File: BG043886.D
 Acq: 3 Jan 2020 13:53

Tgt Ion:149	Resp:	1189510
Ion	Ratio	Lower Upper
149	100	
177	24.4	20.0 30.0
150	13.8	11.1 16.7

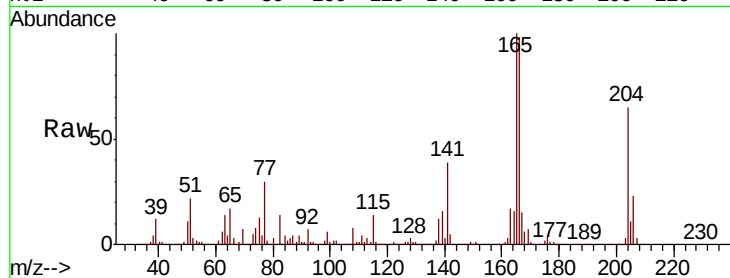




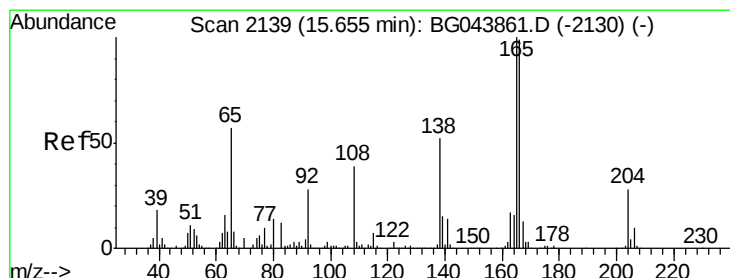
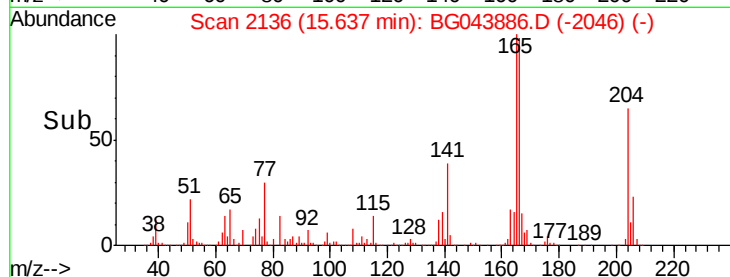
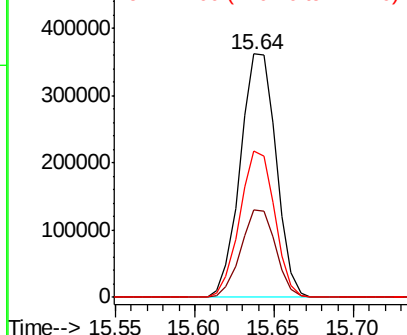
#61
 4-Chlorophenyl-phenylether
 Concen: 41.300 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BG043886.D
 Acq: 3 Jan 2020 13:53

Instrument :
 BNA_P
 ClientSampled :

Tot Ion:204 Resp: 567502
 Ion Ratio Lower Upper
 204 100
 206 36.0 28.2 42.2
 141 60.3 48.2 72.2

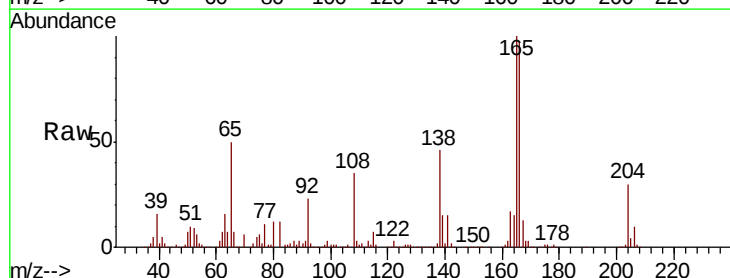


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

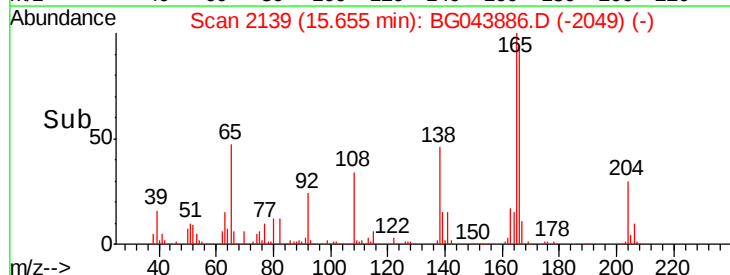
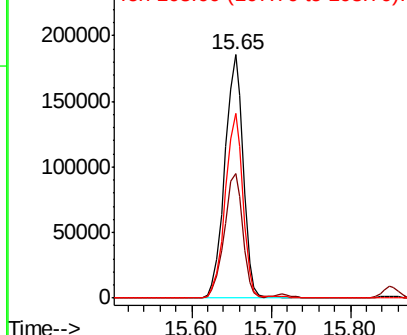


#62
 4-Nitroaniline
 Concen: 41.879 ng
 RT: 15.65 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BG043886.D
 Acq: 3 Jan 2020 13:53

Tgt Ion:138 Resp: 299332
 Ion Ratio Lower Upper
 138 100
 92 51.3 34.3 74.3
 108 75.7 55.0 95.0



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





#63

Azobenzene

Concen: 41.546 ng

RT: 15.93 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 77 Resp: 1086713

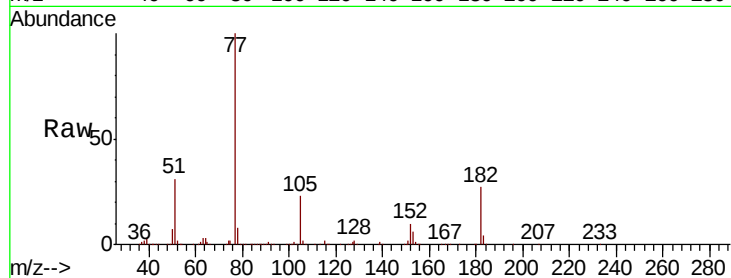
Ion	Ratio	Lower	Upper
77	100		
182	27.5	7.3	47.3
105	23.4	3.2	43.2
51	31.4	10.6	50.6

77 100

182 27.5 7.3 47.3

105 23.4 3.2 43.2

51 31.4 10.6 50.6

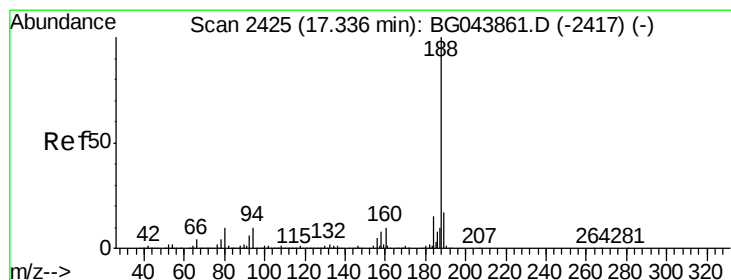
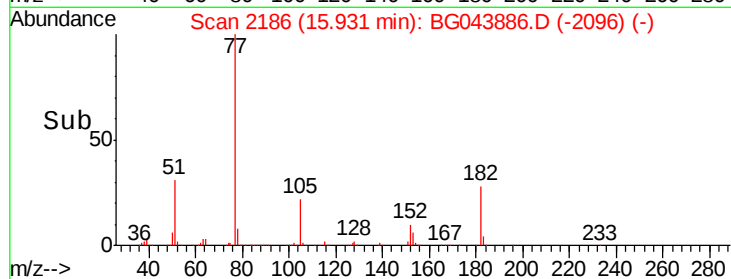
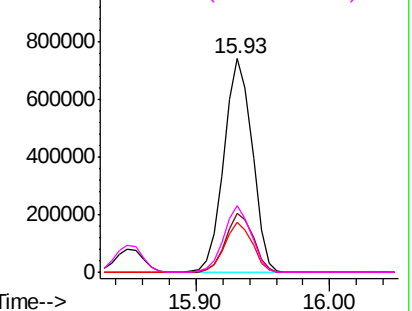


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2426

Delta R.T. 0.01 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

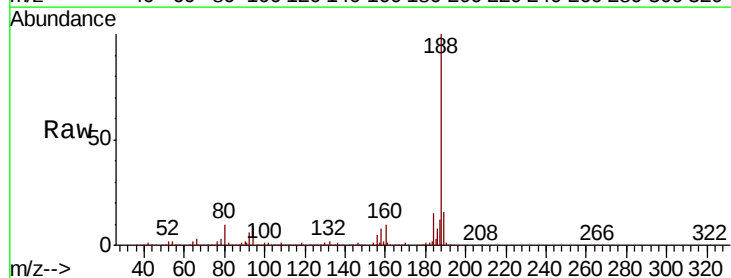
Tgt Ion: 188 Resp: 839923

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.9	11.9
80	9.7	8.2	12.4

188 100

94 9.4 7.9 11.9

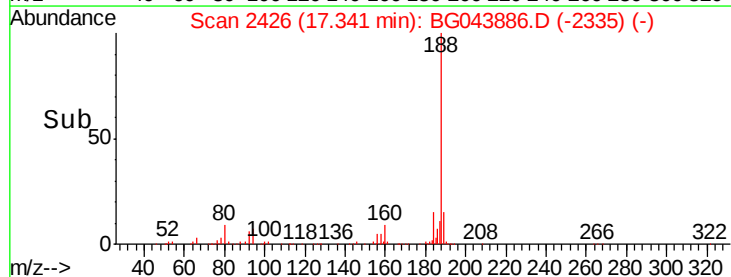
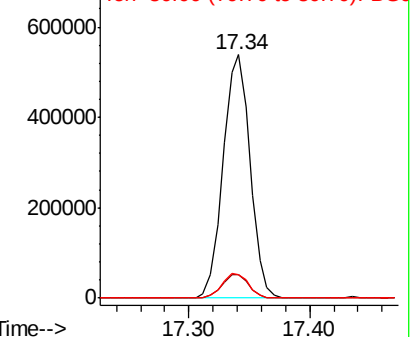
80 9.7 8.2 12.4

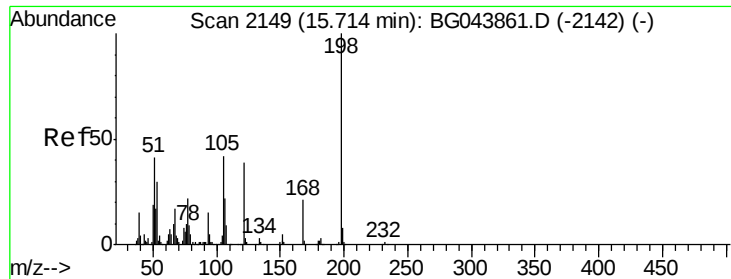


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

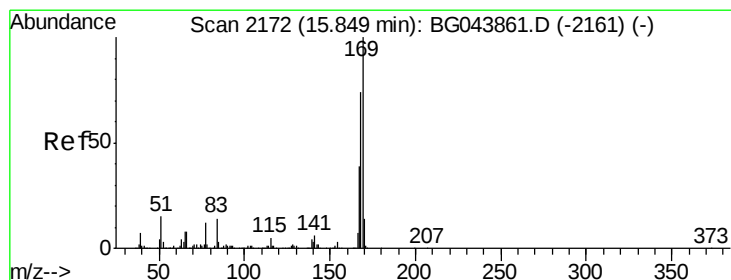
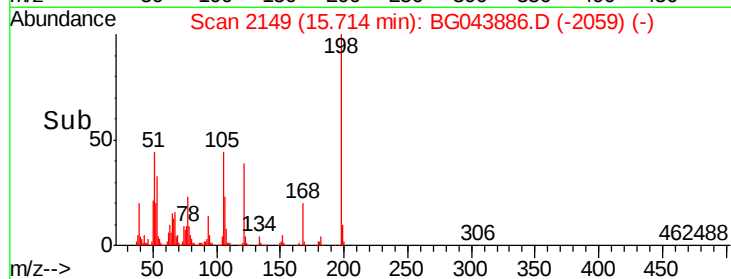
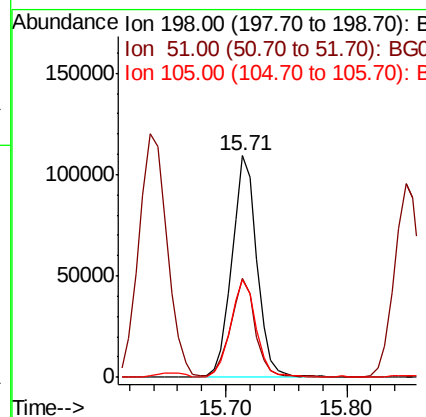
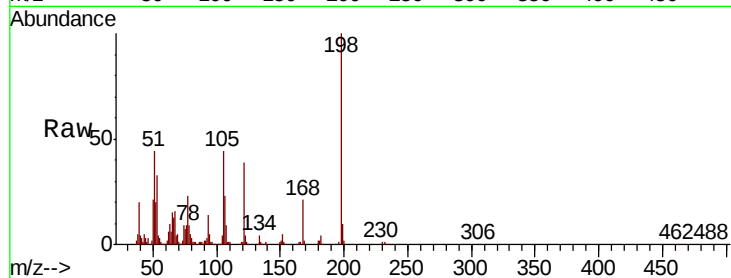




#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.494 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.00 min
 Lab File: BG043886.D
 Acq: 3 Jan 2020 13:53

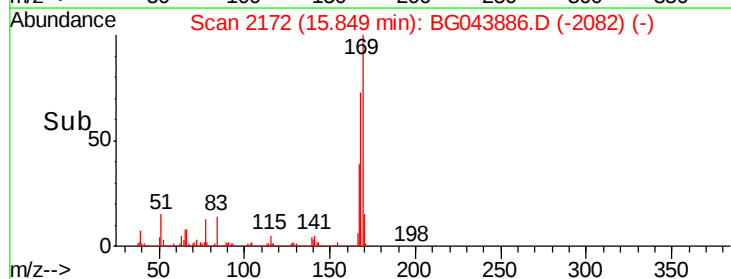
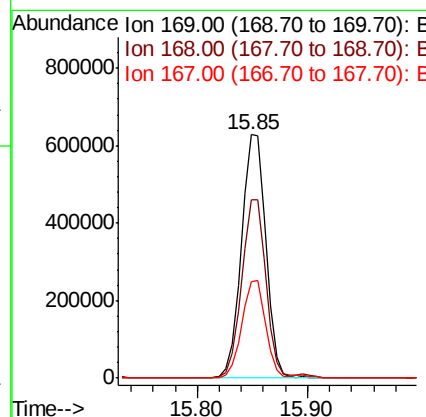
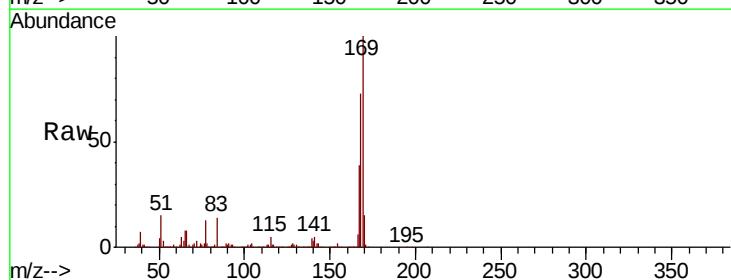
Instrument :
 BNA_P
 ClientSampleId :

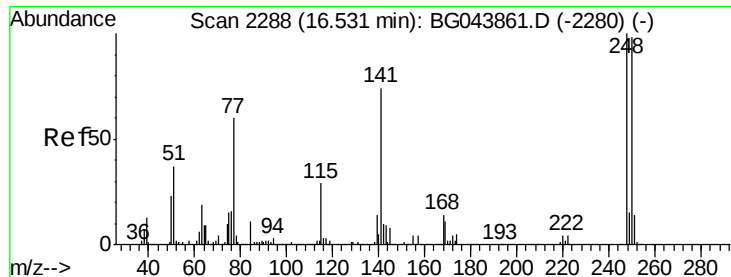
Tot Ion:198 Resp: 157680
 Ion Ratio Lower Upper
 198 100
 51 44.4 22.5 62.5
 105 44.2 22.3 62.3



#66
 n-Nitrosodiphenylamine
 Concen: 39.512 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BG043886.D
 Acq: 3 Jan 2020 13:53

Tgt Ion:169 Resp: 977309
 Ion Ratio Lower Upper
 169 100
 168 73.0 59.0 88.6
 167 39.5 31.4 47.0

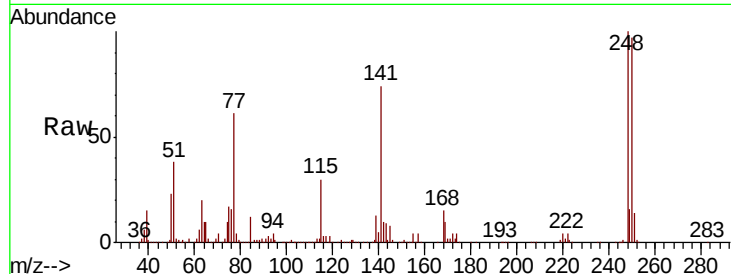




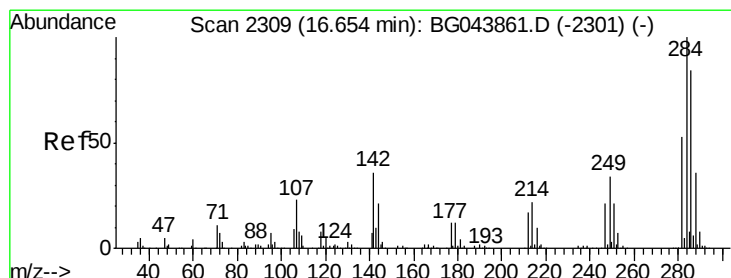
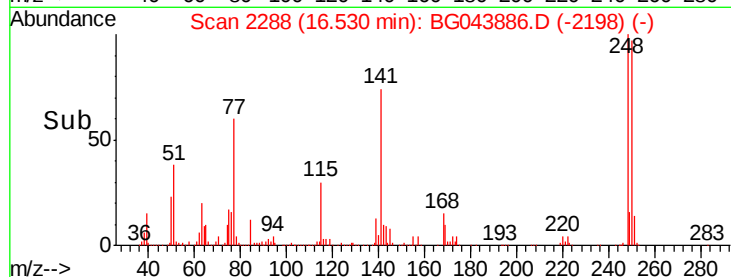
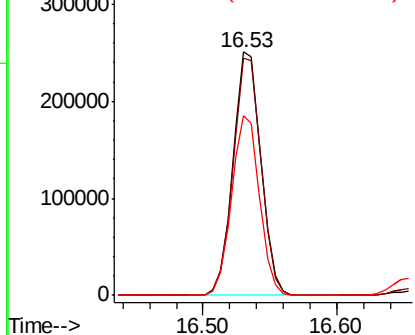
#67
4-Bromophenyl-phenylether
Concen: 38.612 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG043886.D
Acq: 3 Jan 2020 13:53

Instrument :
BNA_P
ClientSampleId :

Tot Ion:248 Resp: 364751
Ion Ratio Lower Upper
248 100
250 97.2 78.2 117.2
141 73.8 59.3 88.9

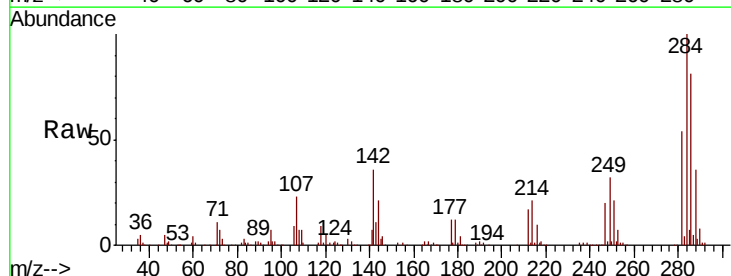


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

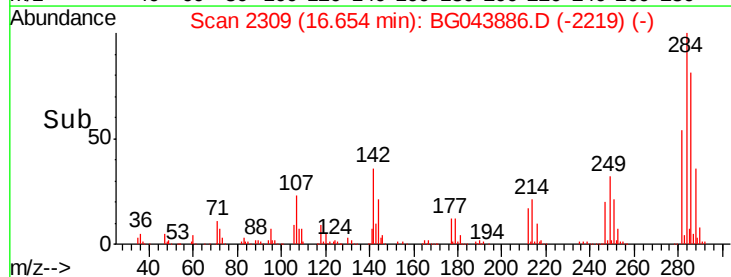
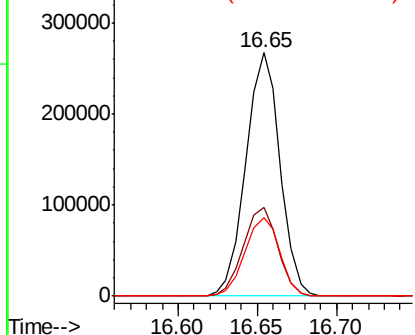


#68
Hexachlorobenzene
Concen: 39.154 ng
RT: 16.65 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG043886.D
Acq: 3 Jan 2020 13:53

Tgt Ion:284 Resp: 398547
Ion Ratio Lower Upper
284 100
142 36.4 28.6 43.0
249 32.4 27.0 40.6



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





#69

Atrazine

Concen: 40.192 ng

RT: 16.80 min Scan# 2334

Delta R.T. 0.01 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

Instrument :

BNA_P

ClientSampleId :

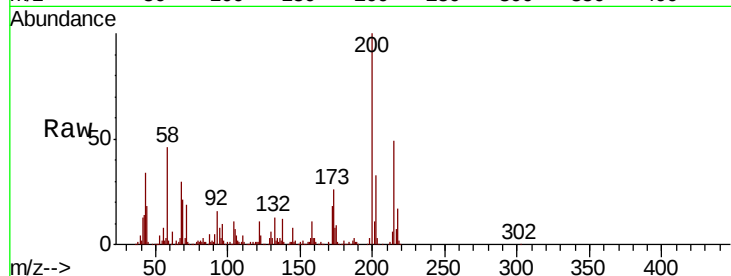
Tot Ion:200 Resp: 323145

Ion Ratio Lower Upper

200 100

173 26.3 6.6 46.6

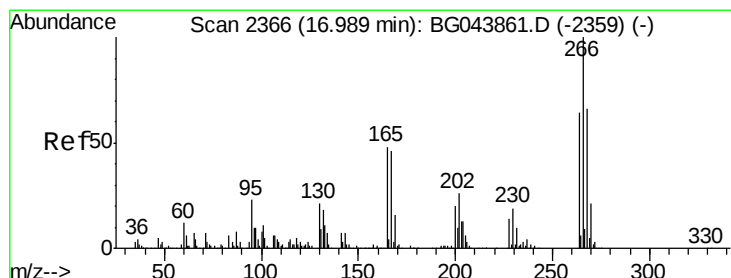
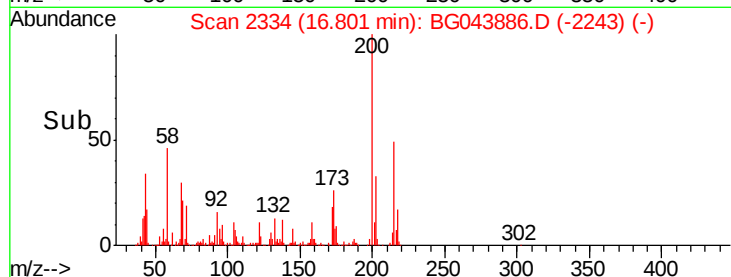
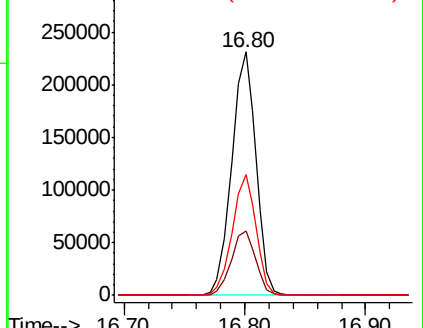
215 49.5 28.6 68.6



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: 40.011 ng

RT: 16.99 min Scan# 2366

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

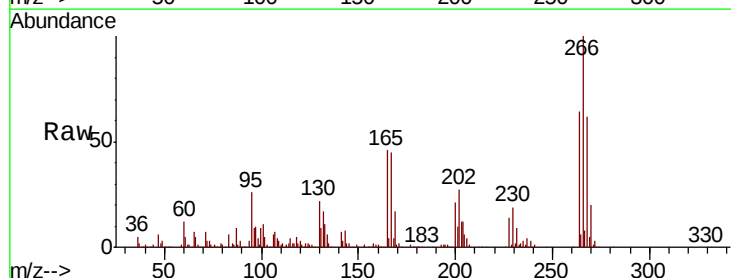
Tgt Ion:266 Resp: 224510

Ion Ratio Lower Upper

266 100

268 61.9 52.6 79.0

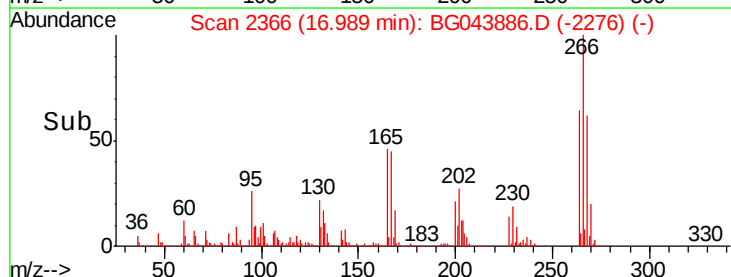
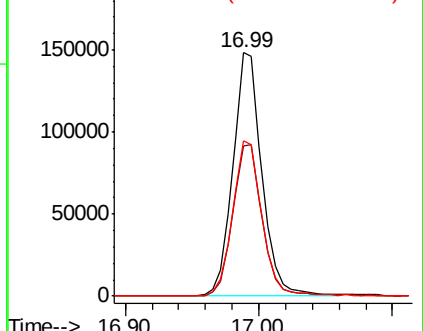
264 63.7 50.8 76.2

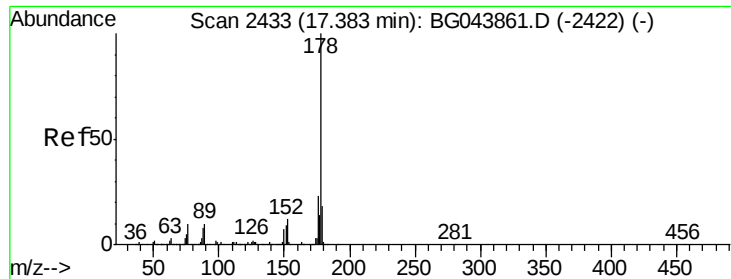


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.657 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

Instrument :

BNA_P

ClientSampleId :

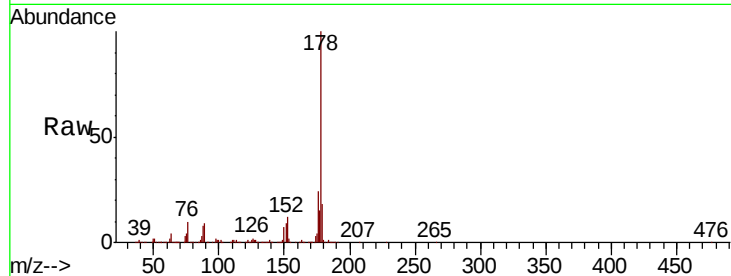
Tot Ion:178 Resp: 1637952

Ion Ratio Lower Upper

178 100

176 24.1 18.6 28.0

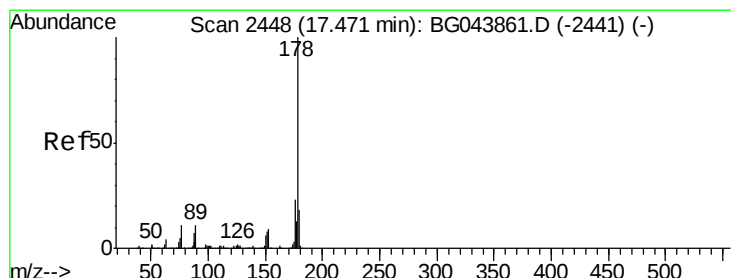
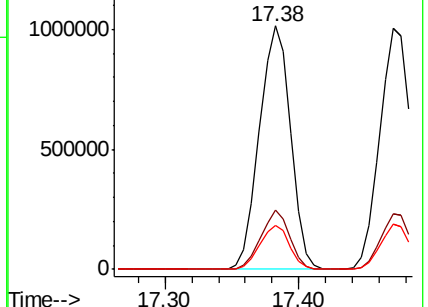
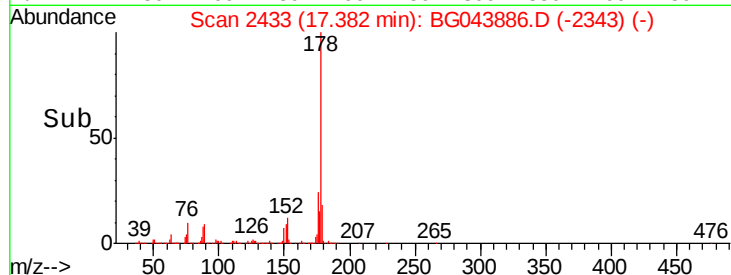
179 18.2 14.4 21.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.764 ng

RT: 17.47 min Scan# 2448

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

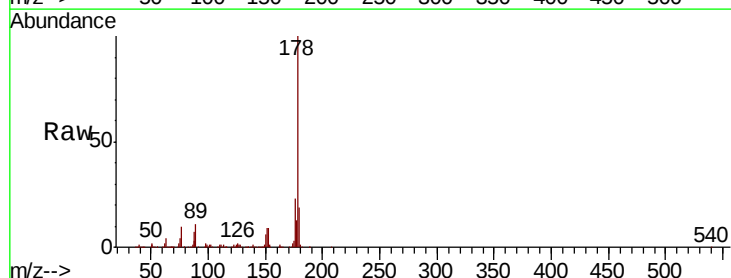
Tgt Ion:178 Resp: 1623005

Ion Ratio Lower Upper

178 100

176 22.9 18.3 27.5

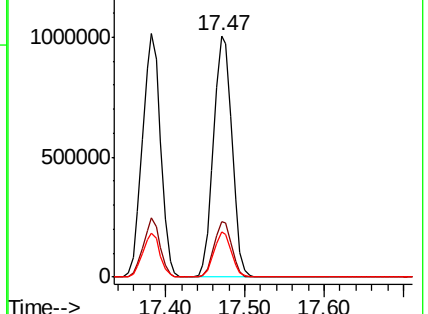
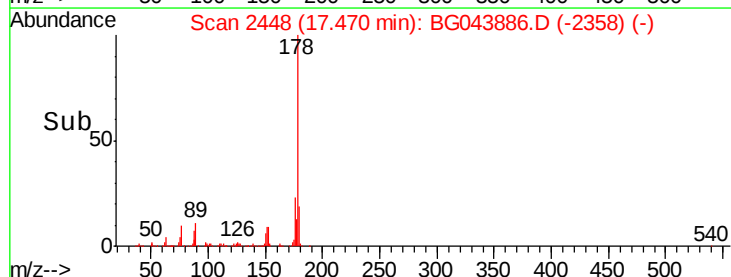
179 18.8 14.6 22.0

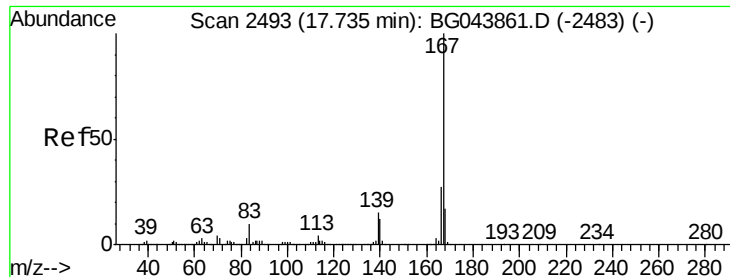


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

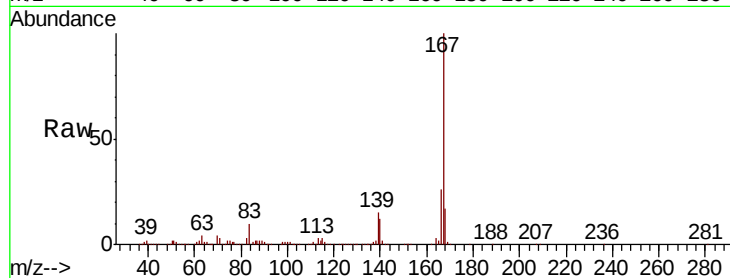




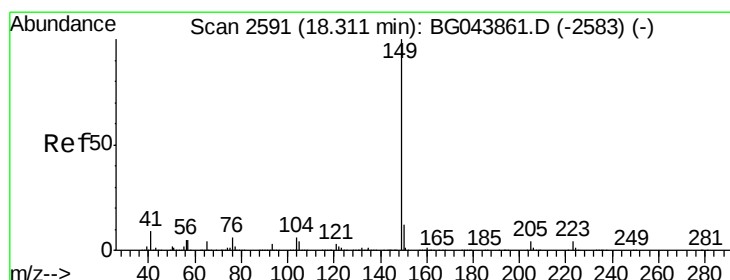
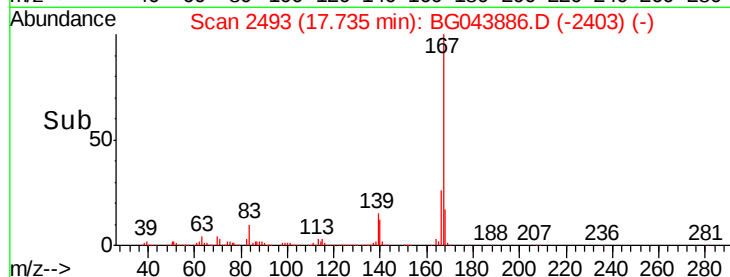
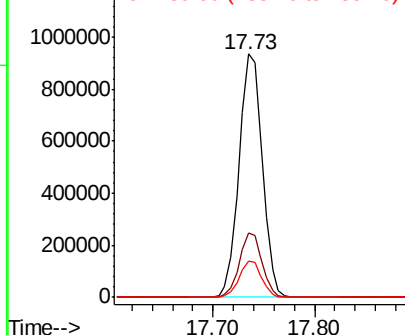
#73
 Carbazole
 Concen: 40.663 ng
 RT: 17.73 min Scan# 2493
 Delta R.T. -0.00 min
 Lab File: BG043886.D
 Acq: 3 Jan 2020 13:53

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:167 Resp: 1495486
 Ion Ratio Lower Upper
 167 100
 166 26.5 21.6 32.4
 139 14.9 12.1 18.1

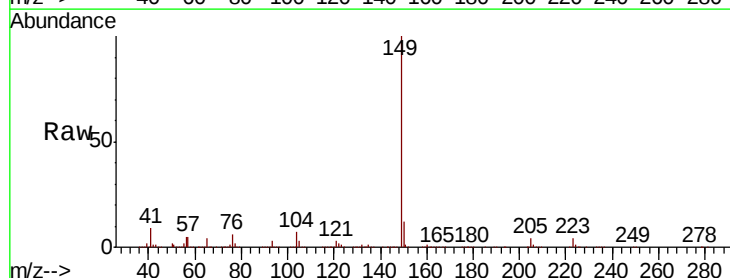


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

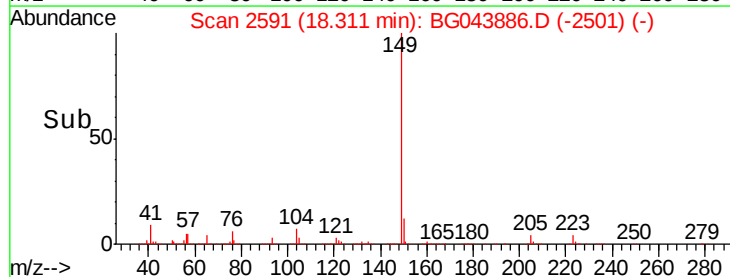
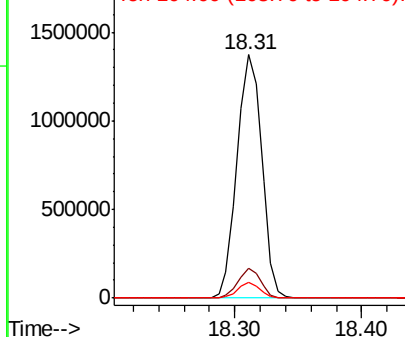


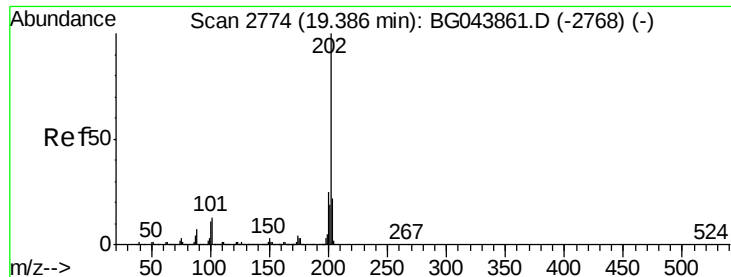
#74
 Di-n-butylphthalate
 Concen: 39.493 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. -0.00 min
 Lab File: BG043886.D
 Acq: 3 Jan 2020 13:53

Tgt Ion:149 Resp: 1854433
 Ion Ratio Lower Upper
 149 100
 150 12.2 9.7 14.5
 104 6.6 5.0 7.4



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





#75

Fluoranthene

Concen: 39.390 ng

RT: 19.39 min Scan# 2775

Delta R.T. 0.01 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

Instrument :

BNA_P

ClientSampleId :

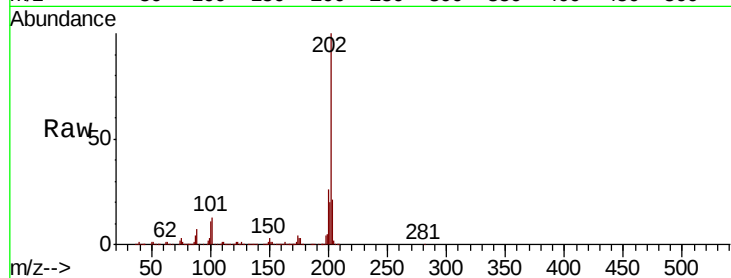
Tot Ion:202 Resp: 1814865

Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.3

203 21.3 1.6 41.6

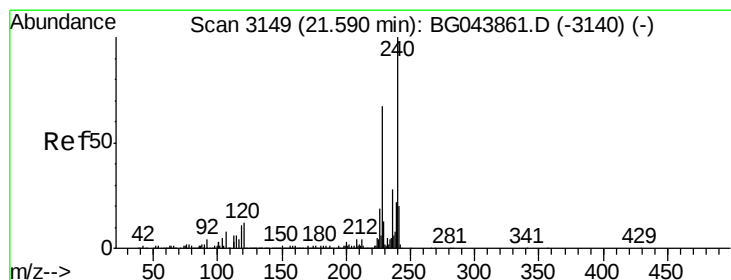
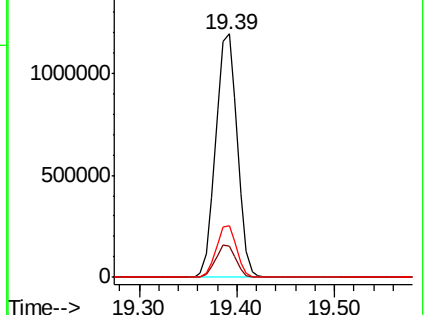
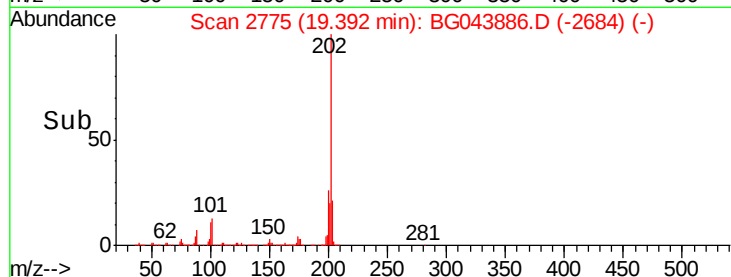


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

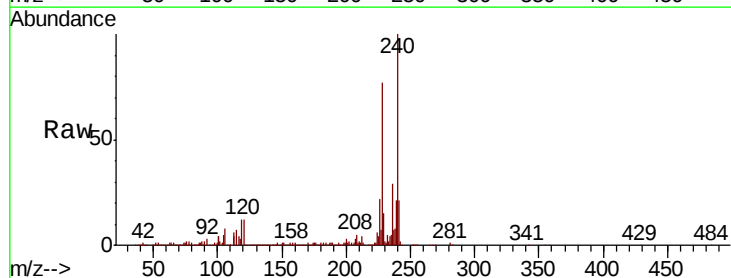
Tgt Ion:240 Resp: 697906

Ion Ratio Lower Upper

240 100

120 11.9 9.6 14.4

236 28.7 22.2 33.2

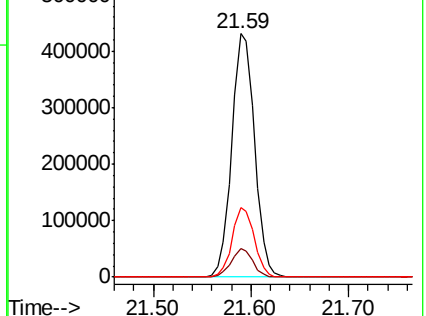
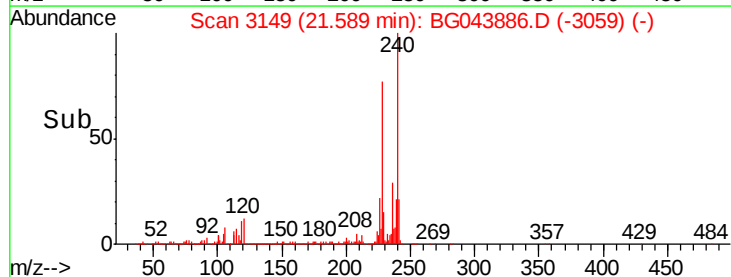


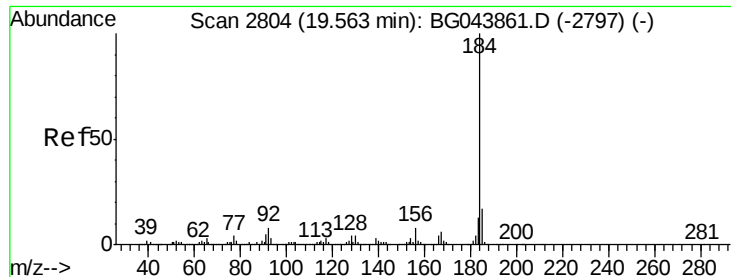
Abundance

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: 44.711 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

Instrument :

BNA_P

ClientSampleId :

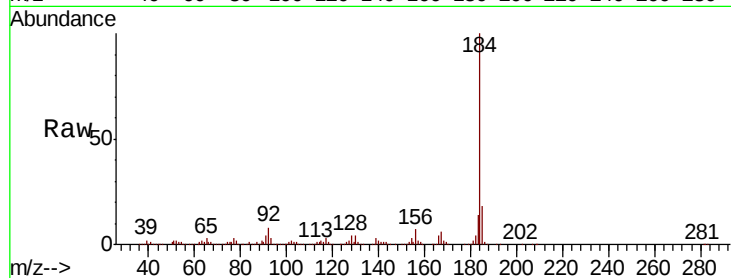
Tot Ion:184 Resp: 784326

Ion Ratio Lower Upper

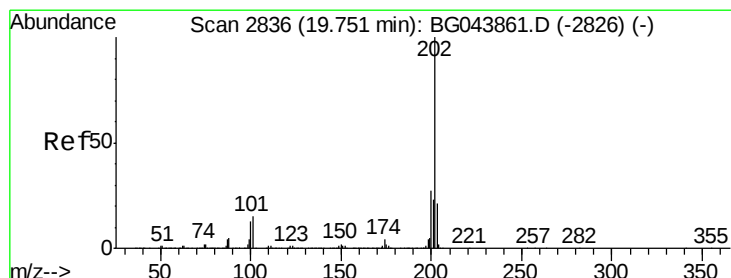
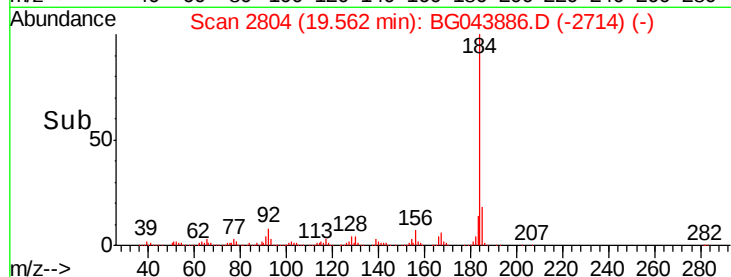
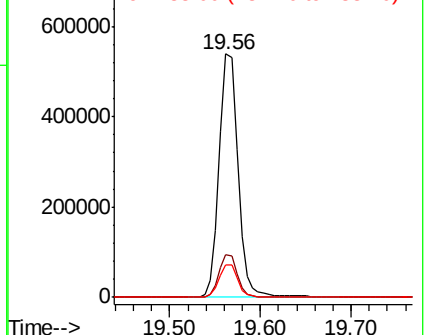
184 100

185 17.7 13.4 20.0

183 13.6 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: 40.036 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

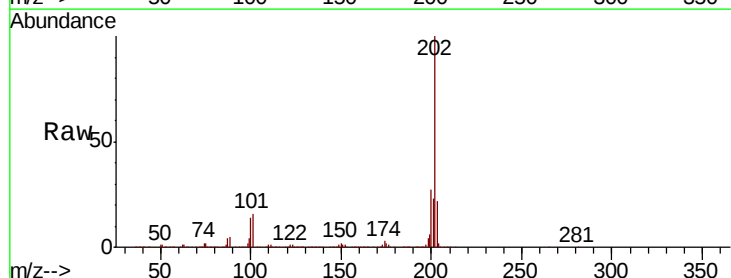
Tgt Ion:202 Resp: 1823829

Ion Ratio Lower Upper

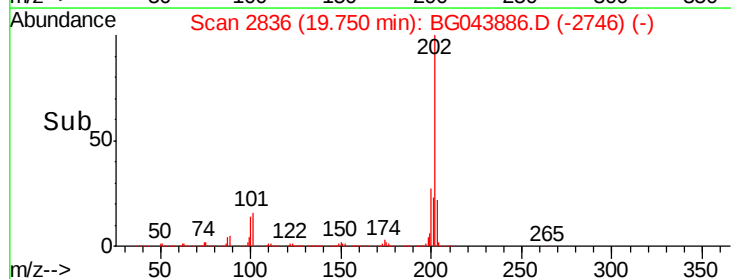
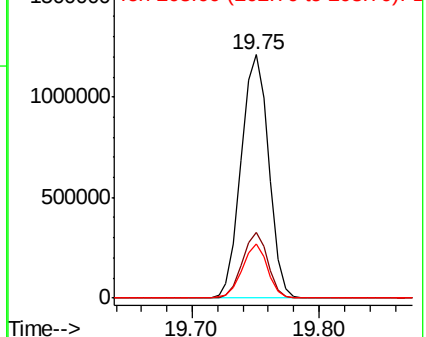
202 100

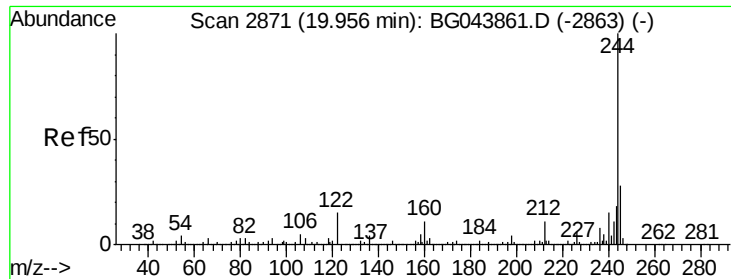
200 27.2 21.7 32.5

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: 80.653 ng

RT: 19.96 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

Instrument :

BNA_P

ClientSampleId :

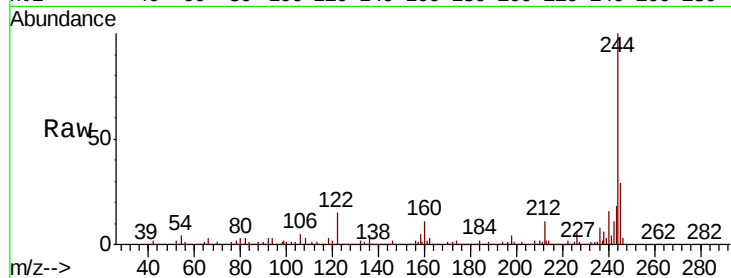
Tot Ion:244 Resp: 2366804

Ion Ratio Lower Upper

244 100

212 11.2 8.6 13.0

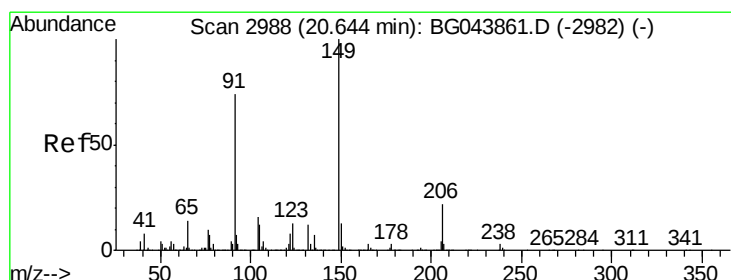
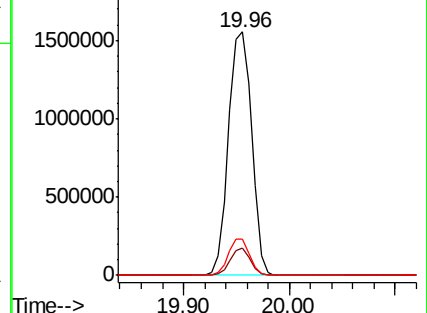
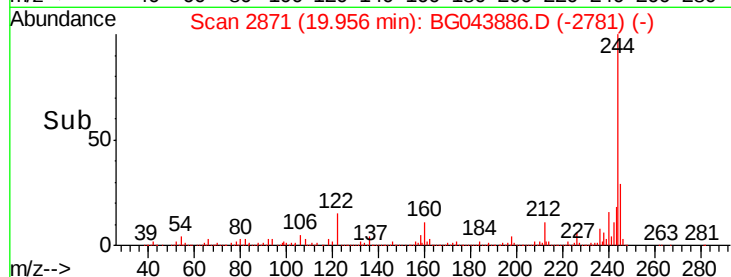
122 15.1 11.9 17.9



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: 39.910 ng

RT: 20.64 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

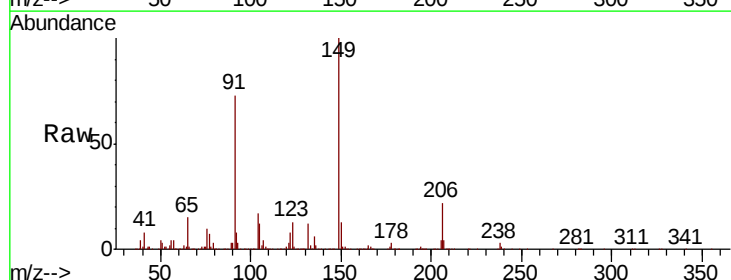
Tgt Ion:149 Resp: 865594

Ion Ratio Lower Upper

149 100

91 73.3 59.5 89.3

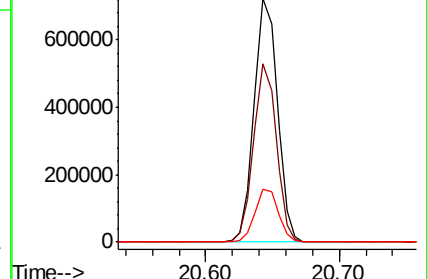
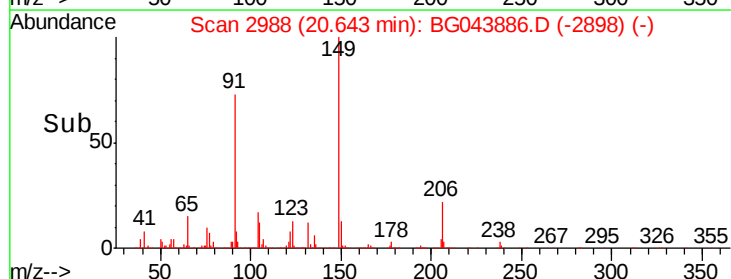
206 21.9 17.8 26.6

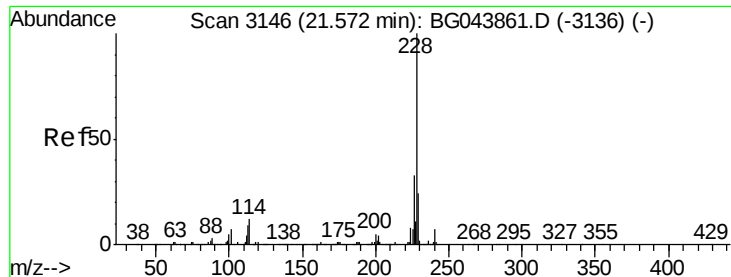


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.625 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

Instrument :

BNA_P

ClientSampled :

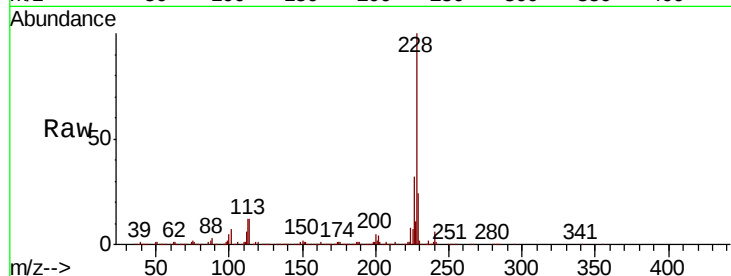
Tot Ion:228 Resp: 1758036

Ion Ratio Lower Upper

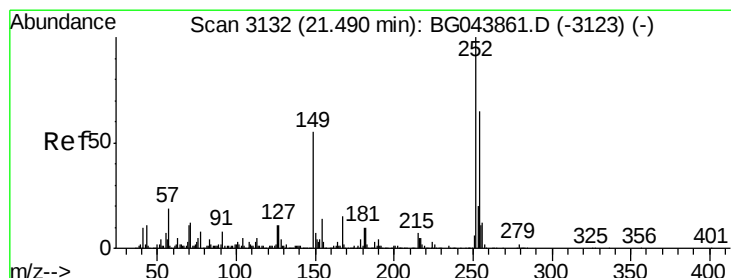
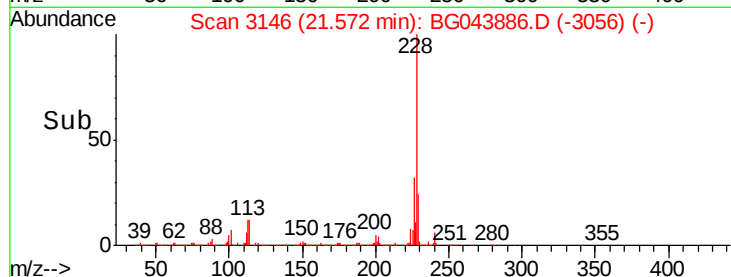
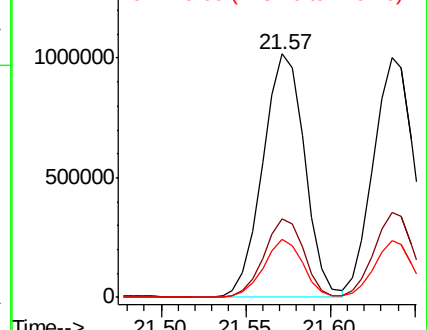
228 100

226 32.0 26.2 39.4

229 23.7 18.9 28.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.679 ng

RT: 21.49 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

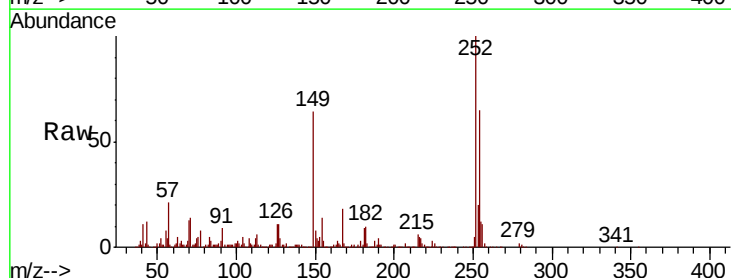
Tgt Ion:252 Resp: 695487

Ion Ratio Lower Upper

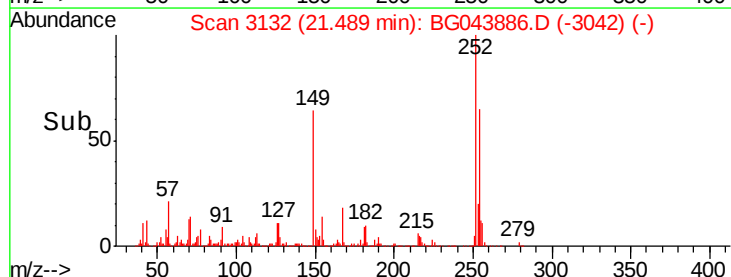
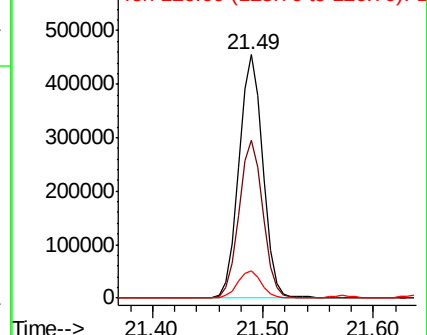
252 100

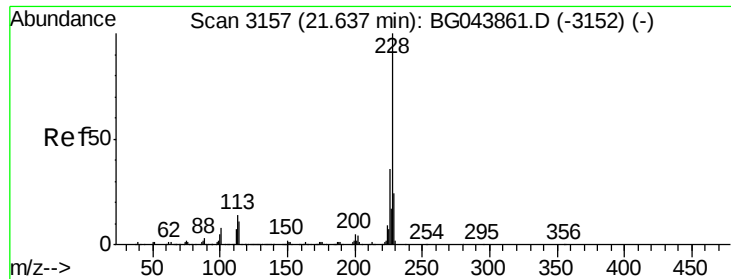
254 65.0 52.1 78.1

126 11.0 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

Chrvsene

Concen: 40.685 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

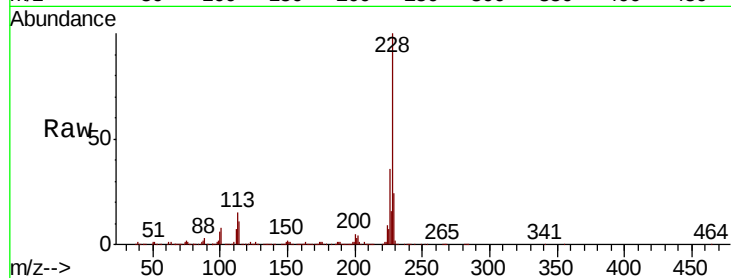
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 1672975

Ion	Ratio	Lower	Upper
228	100		
226	35.7	28.8	43.2
229	23.6	19.0	28.6

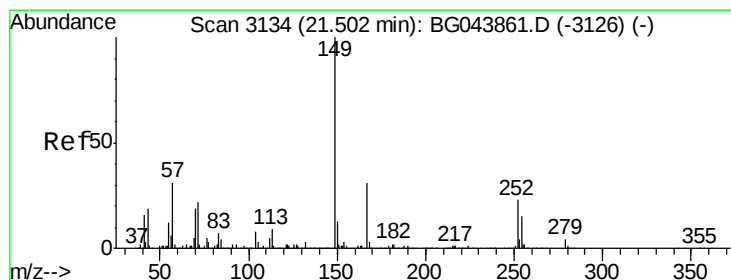
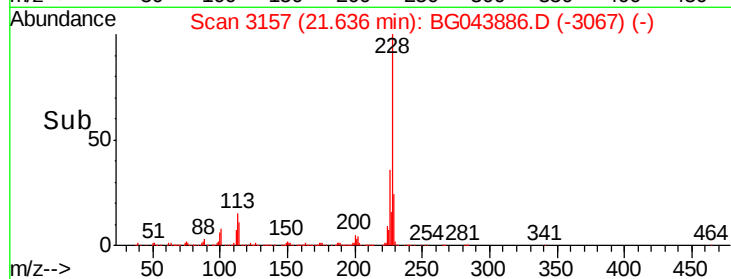
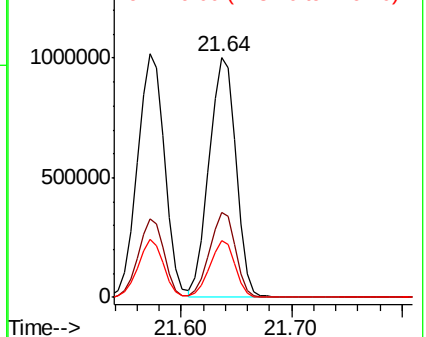


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.092 ng

RT: 21.50 min Scan# 3134

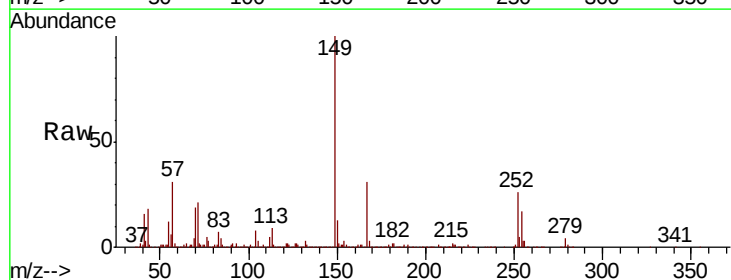
Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

Tgt Ion:149 Resp: 1199784

Ion	Ratio	Lower	Upper
149	100		
167	30.6	24.7	37.1
279	4.5	3.3	4.9

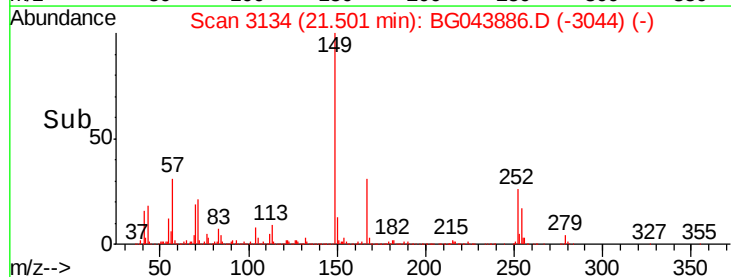
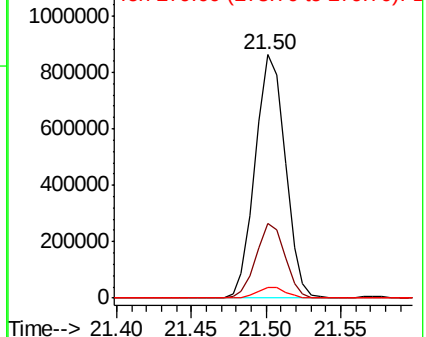


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.654 ng

RT: 22.69 min Scan# 3336

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

Instrument :

BNA_P

ClientSampled :

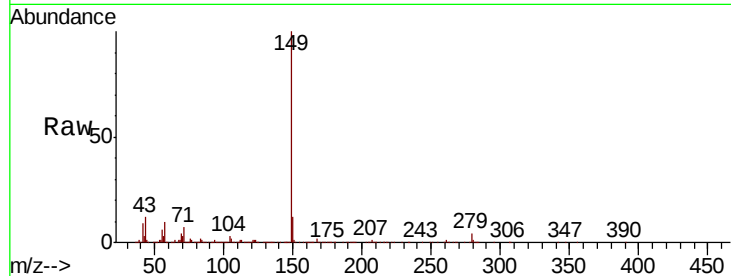
Tot Ion:149 Resp: 2045318

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

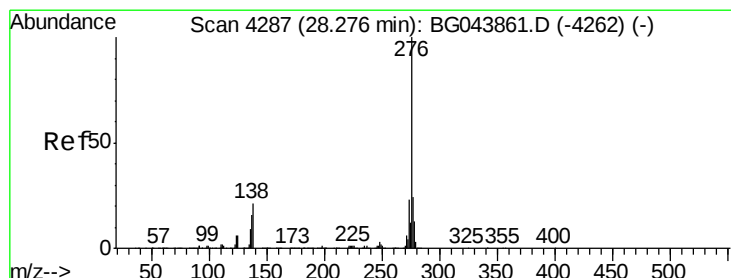
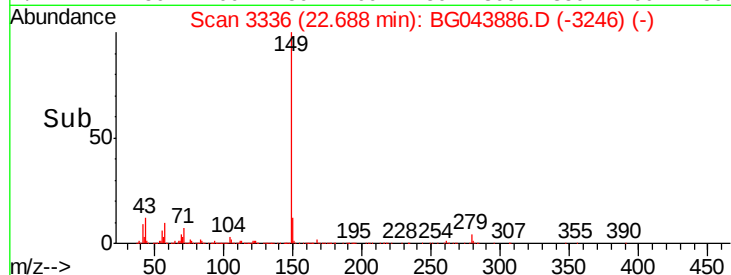
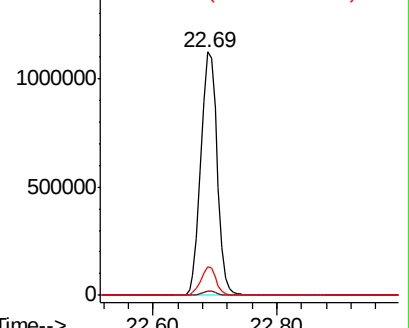
43 10.7 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

1500000 Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.317 ng

RT: 28.27 min Scan# 4286

Delta R.T. -0.01 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

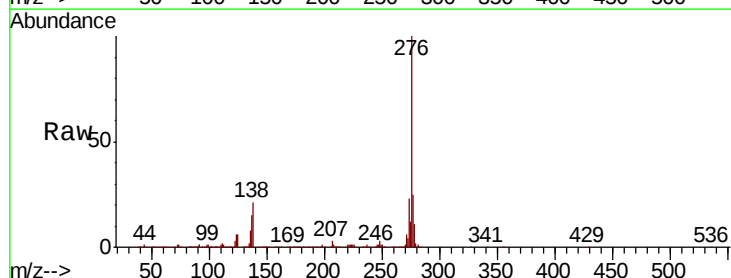
Tgt Ion:276 Resp: 2197135

Ion Ratio Lower Upper

276 100

138 26.1 21.0 31.4

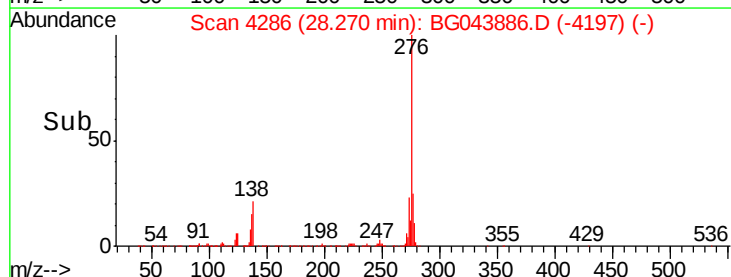
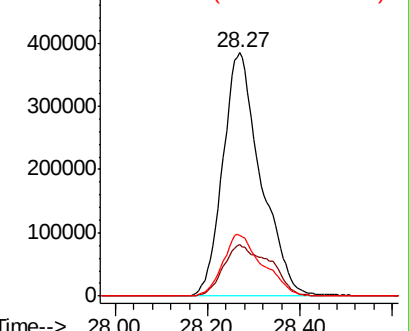
277 26.6 21.1 31.7



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



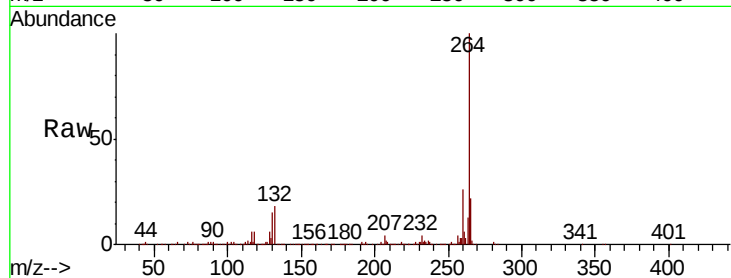


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.72 min Scan# 3682
Delta R.T. -0.00 min
Lab File: BG043886.D
Acq: 3 Jan 2020 13:53

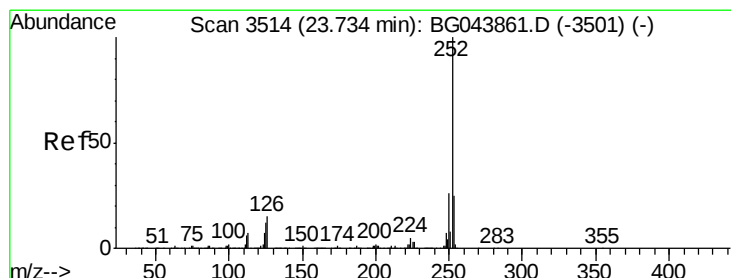
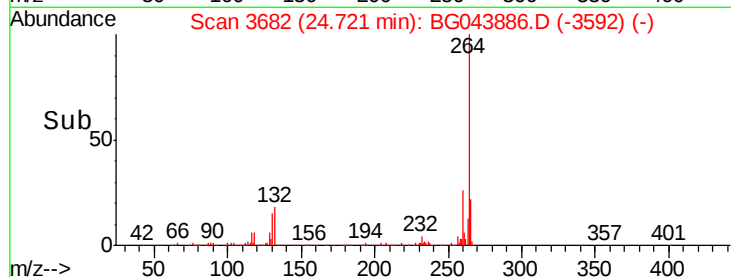
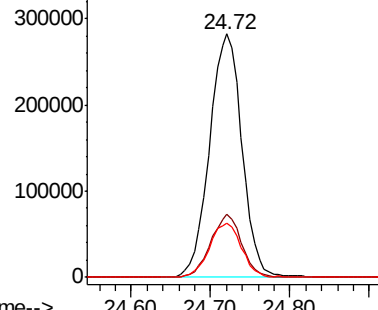
Instrument :
BNA_P
ClientSampleId :

Tot Ion:264 Resp: 798324

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.4	30.6
265	22.3	17.4	26.2



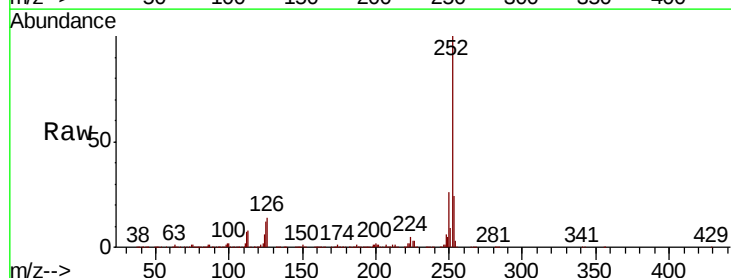
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



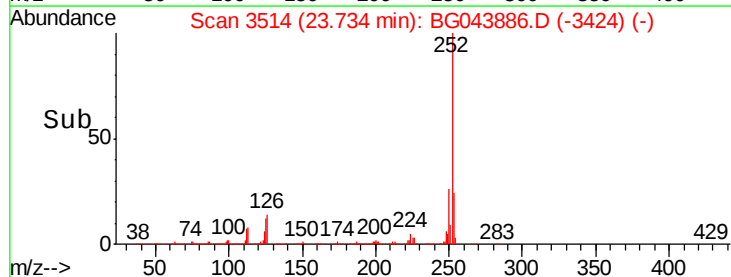
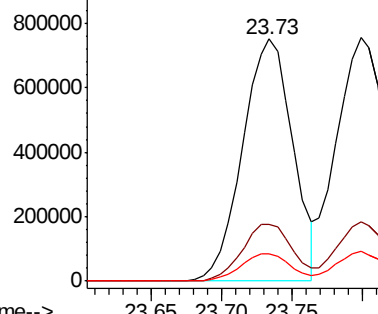
#88
Benzo(b)fluoranthene
Concen: 39.437 ng
RT: 23.73 min Scan# 3514
Delta R.T. -0.00 min
Lab File: BG043886.D
Acq: 3 Jan 2020 13:53

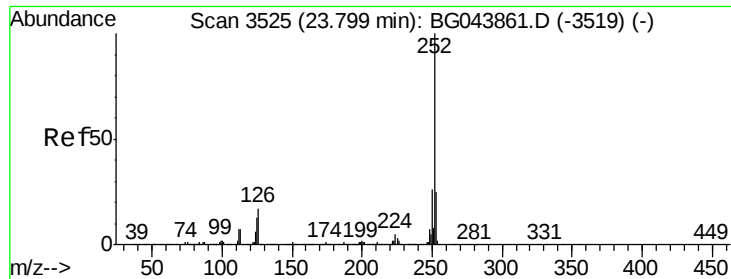
Tgt Ion:252 Resp: 1861228

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.7	29.5
125	11.5	9.4	14.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.148 ng

RT: 23.80 min Scan# 3525

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

Instrument :

BNA_P

ClientSampleId :

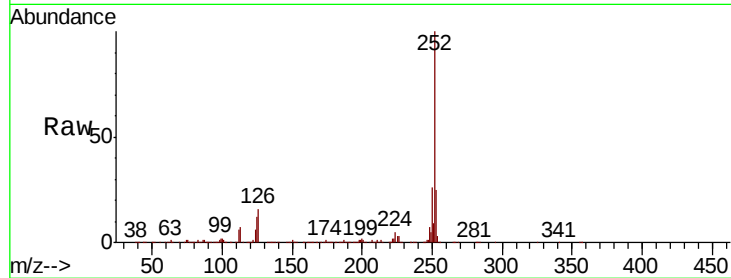
Tot Ion:252 Resp: 1846705

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.4	29.2
125	12.4	9.9	14.9

252 100

253 24.6 19.4 29.2

125 12.4 9.9 14.9

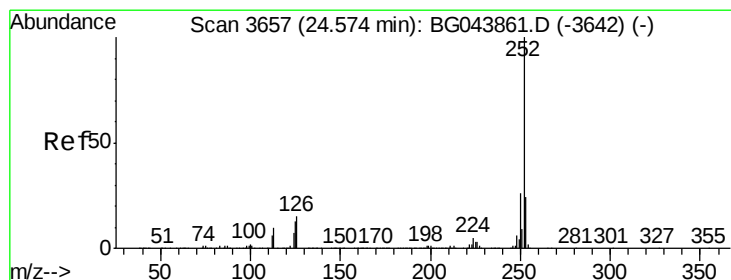
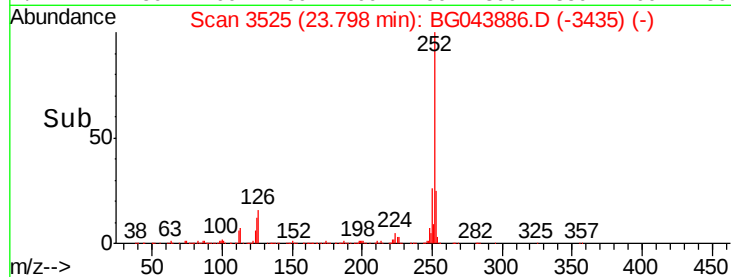
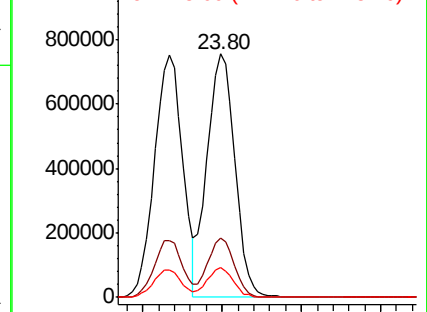


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.065 ng

RT: 24.57 min Scan# 3657

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

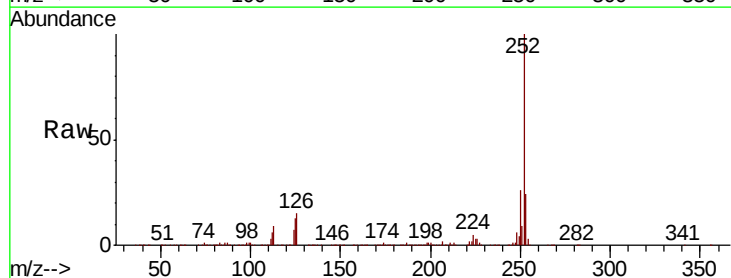
Tgt Ion:252 Resp: 1784646

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.3	28.9
125	12.5	10.4	15.6

252 100

253 24.0 19.3 28.9

125 12.5 10.4 15.6

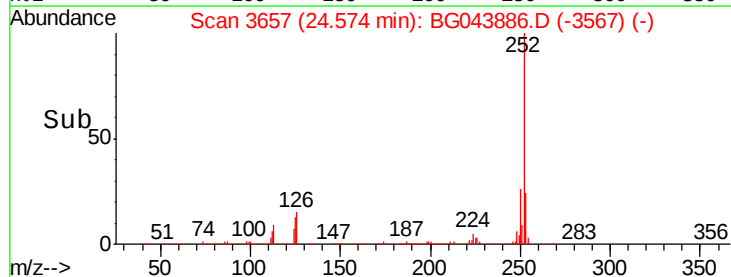
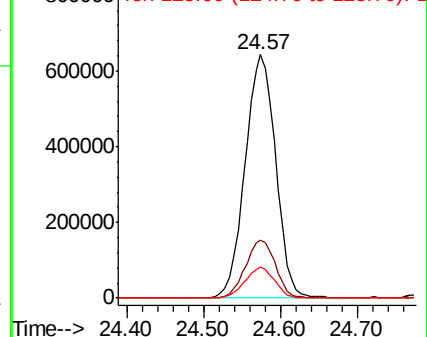


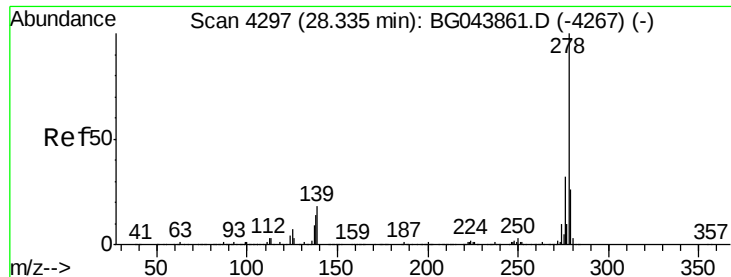
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.011 ng

RT: 28.33 min Scan# 4297

Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

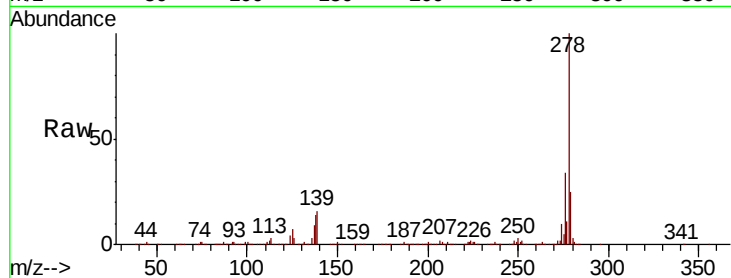
Instrument :

BNA_P

ClientSampled :

Tot Ion:278 Resp: 1789911

Ion	Ratio	Lower	Upper
278	100		
139	16.5	14.2	21.4
279	25.1	20.6	30.8

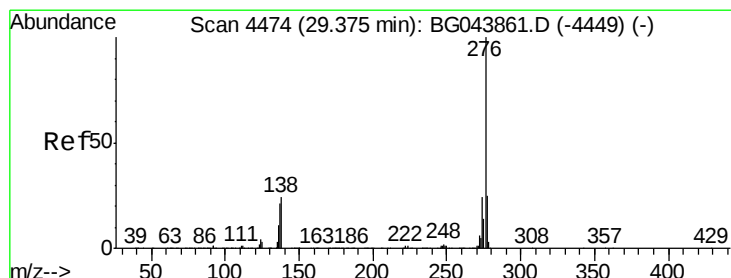
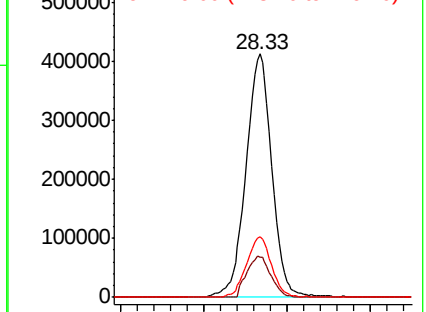
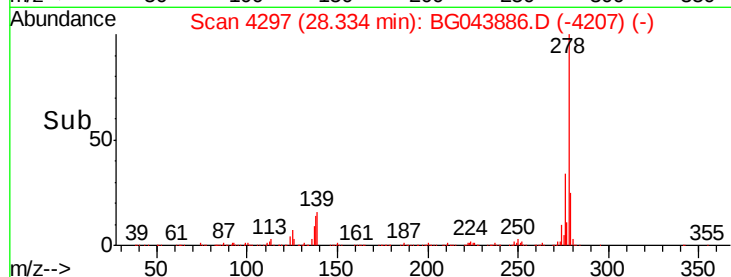


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.456 ng

RT: 29.37 min Scan# 4474

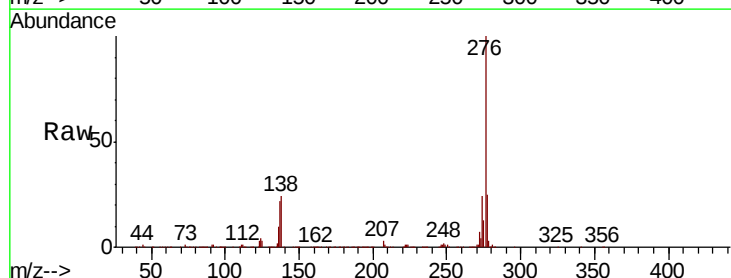
Delta R.T. -0.00 min

Lab File: BG043886.D

Acq: 3 Jan 2020 13:53

Tgt Ion:276 Resp: 1753264

Ion	Ratio	Lower	Upper
276	100		
277	25.2	20.2	30.4
138	24.1	19.0	28.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

