

Data File : BG044114.D
Acq On : 21 Jan 2020 1:33
Operator : JU
Sample : L1176-04MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EP-3MS

Quant Time: Jan 21 04:52:51 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	7.93	152	84155	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	359139	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	245241	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	517993	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	424736	20.00	ng	-0.03
87) Perylene-d12	24.67	264	490912	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	663582	144.78	ng	-0.03
7) Phenol-d6	7.11	99	932427	145.54	ng	-0.02
23) Nitrobenzene-d5	9.09	82	534902	79.68	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	355451	138.50	ng	-0.02
45) 2-Fluorobiphenyl	13.19	172	1207001	89.17	ng	-0.03
79) Terphenyl-d14	19.93	244	1715784	102.68	ng	-0.03

Target Compounds					Qvalue
2) 1,4-Dioxane	3.39	88	85047	42.557 ng	97
3) Pyridine	3.79	79	215533	36.508 ng	93
4) n-Nitrosodimethylamine	3.70	42	111549	42.440 ng	96
6) Aniline	7.25	93	159752	18.984 ng	98
8) 2-Chlorophenol	7.50	128	282640	52.529 ng	98
9) Benzaldehyde	7.07	77	143608	35.023 ng	99
10) Phenol	7.14	94	379869	57.548 ng	98
11) bis(2-Chloroethyl)ether	7.35	93	259430	45.531 ng	99
12) 1,3-Dichlorobenzene	7.82	146	284107	45.121 ng	99
13) 1,4-Dichlorobenzene	7.96	146	288771	46.481 ng	99
14) 1,2-Dichlorobenzene	8.29	146	274326	46.003 ng	99
15) Benzyl Alcohol	8.17	79	238561	47.181 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	354223	40.183 ng	100
17) 2-Methylphenol	8.38	107	243796	51.038 ng	96
18) Hexachloroethane	9.02	117	108216	44.765 ng	97
19) n-Nitroso-di-n-propylamine	8.74	70	209340	43.877 ng	97
20) 3+4-Methylphenols	8.71	107	339948	51.015 ng	99
22) Acetophenone	8.75	105	387785	43.432 ng	# 98
24) Nitrobenzene	9.13	77	297742	44.779 ng	99
25) Isophorone	9.66	82	579153	45.983 ng	99
26) 2-Nitrophenol	9.84	139	164487	52.288 ng	95
27) 2,4-Dimethylphenol	9.91	122	271630	57.362 ng	98
28) bis(2-Chloroethoxy)methane	10.14	93	365728	43.555 ng	98
29) 2,4-Dichlorophenol	10.39	162	288373	51.053 ng	98
30) 1,2,4-Trichlorobenzene	10.60	180	281929	44.515 ng	99
31) Naphthalene	10.78	128	840238	48.347 ng	99
32) Benzoic acid	10.06	122	147278	39.471 ng	98
33) 4-Chloroaniline	10.89	127	76207	9.193 ng	99
34) Hexachlorobutadiene	11.08	225	163538	42.292 ng	99
35) Caprolactam	11.66	113	81172	38.603 ng	98
36) 4-Chloro-3-methylphenol	12.02	107	316866	52.696 ng	97
37) 2-Methylnaphthalene	12.39	142	633431	48.412 ng	97
38) 1-Methylnaphthalene	12.61	142	604079	48.713 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	300964	41.870 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	391666	105.102	ng	98
43) 2,4,6-Trichlorophenol	13.01	196	233512	47.213	ng	98
44) 2,4,5-Trichlorophenol	13.08	196	252193	49.438	ng	98
46) 1,1'-Biphenyl	13.40	154	807059	45.899	ng	99
47) 2-Chloronaphthalene	13.44	162	632940	44.547	ng	99
48) 2-Nitroaniline	13.64	65	199439	43.636	ng	98
49) Acenaphthylene	14.29	152	1019235	49.909	ng	97
50) Dimethylphthalate	14.03	163	916672	52.643	ng	99
51) 2,6-Dinitrotoluene	14.14	165	185674	47.176	ng	97
52) Acenaphthene	14.63	154	635549	44.377	ng	99
53) 3-Nitroaniline	14.47	138	76594	17.137	ng	93
54) 2,4-Dinitrophenol	14.67	184	200565	98.656	ng	97
55) Dibenzofuran	14.97	168	966687	49.032	ng	99
56) 4-Nitrophenol	14.79	139	338853	98.937	ng	96
57) 2,4-Dinitrotoluene	14.93	165	260731	48.686	ng	99
58) Fluorene	15.61	166	767037	49.086	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	218834	49.889	ng	98
60) Diethylphthalate	15.39	149	834555	47.918	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	397391	46.834	ng	99
62) 4-Nitroaniline	15.63	138	185574	42.046	ng	96
63) Azobenzene	15.90	77	779884	48.284	ng	99
65) 4,6-Dinitro-2-methylphenol	15.70	198	153283	56.572	ng	94
66) n-Nitrosodiphenylamine	15.83	169	723277	47.415	ng	98
67) 4-Bromophenyl-phenylether	16.50	248	258214	44.322	ng	98
68) Hexachlorobenzene	16.62	284	280926	44.751	ng	98
69) Atrazine	16.78	200	264519	53.347	ng	99
70) Pentachlorophenol	16.97	266	299025	86.411	ng	100
71) Phenanthrene	17.35	178	1187600	47.799	ng	99
72) Anthracene	17.45	178	1227178	49.978	ng	98
73) Carbazole	17.71	167	1080563	47.641	ng	97
74) Di-n-butylphthalate	18.28	149	1337901	46.200	ng	97
75) Fluoranthene	19.36	202	1340442	47.175	ng	98
77) Benzidine	19.54	184	351696	32.943	ng	96
78) Pyrene	19.73	202	1350153	48.699	ng	97
80) Butylbenzylphthalate	20.62	149	631946	47.877	ng	94
81) Benzo(a)anthracene	21.54	228	1286433	48.846	ng	97
82) 3,3'-Dichlorobenzidine	21.46	252	211632	20.340	ng	97
83) Chrysene	21.61	228	1218654	48.698	ng	97
84) Bis(2-ethylhexyl)phthalate	21.47	149	887658	48.739	ng	98
85) Di-n-octyl phthalate	22.64	149	1549363	50.603	ng	97
86) Indeno(1,2,3-cd)pyrene	28.19	276	1590106	46.755	ng	100
88) Benzo(b)fluoranthene	23.69	252	1353720	46.645	ng	99
89) Benzo(k)fluoranthene	23.76	252	1309399	47.446	ng	99
90) Benzo(a)pyrene	24.53	252	1252413	45.723	ng	98
91) Dibenzo(a,h)anthracene	28.26	278	1312190	47.701	ng	99
92) Benzo(g,h,i)perylene	29.30	276	1325908	48.524	ng	98

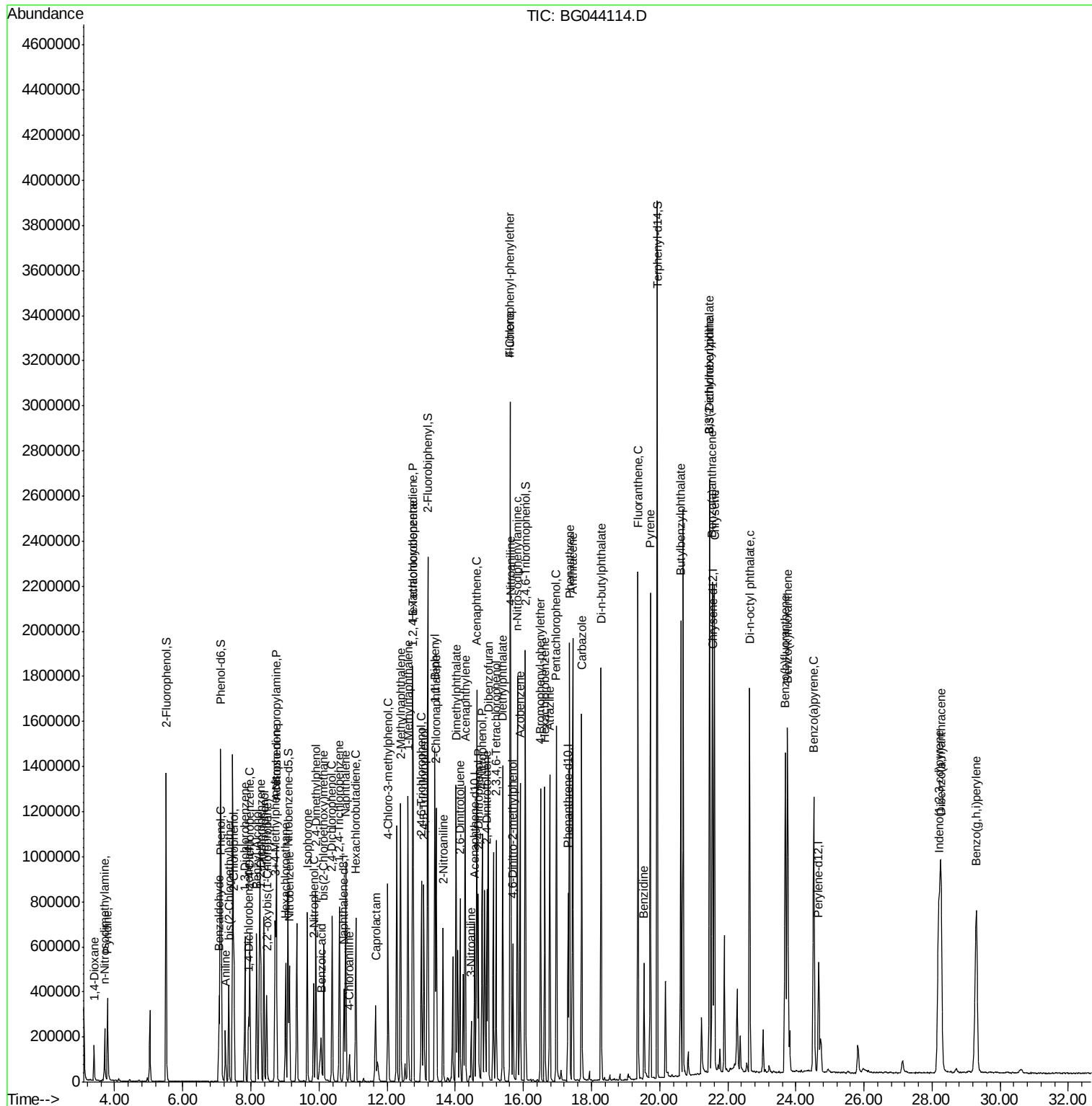
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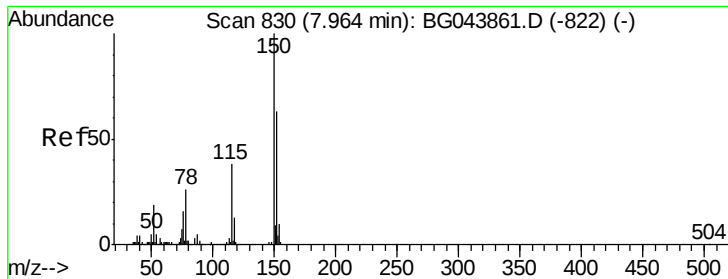
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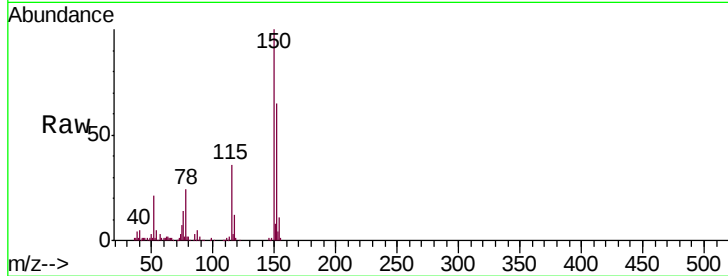


#1

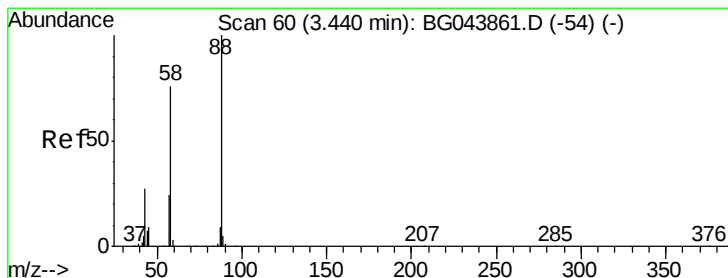
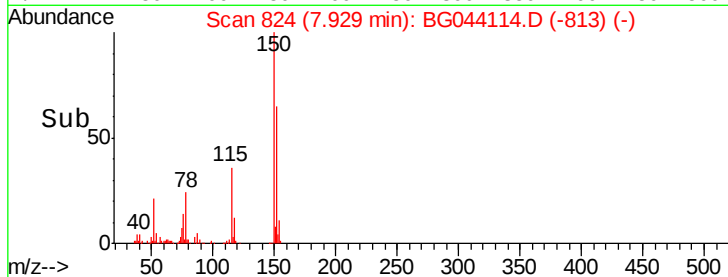
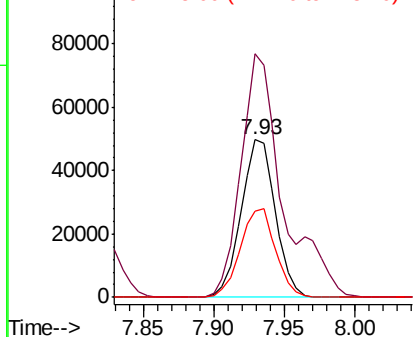
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044114.D
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Instrument :
BNA_G
ClientSampleId :
EP-3MS

Tgt Ion:152 Resp: 84155
Ion Ratio Lower Upper
152 100
150 154.3 127.0 190.4
115 54.8 47.8 71.8



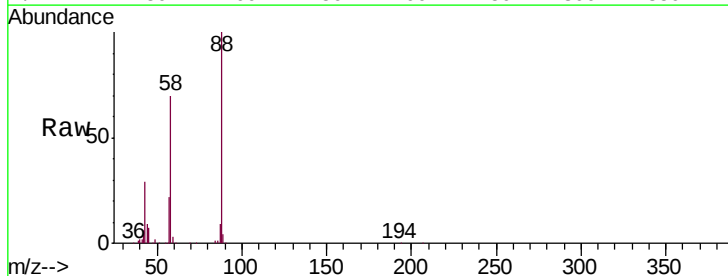
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



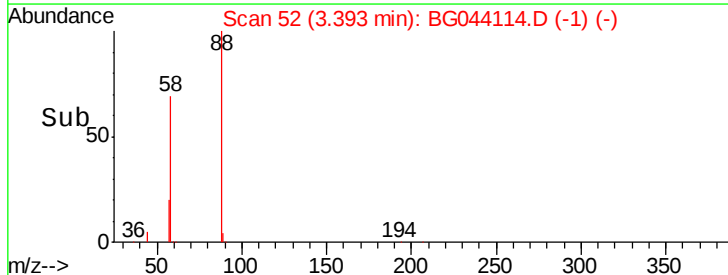
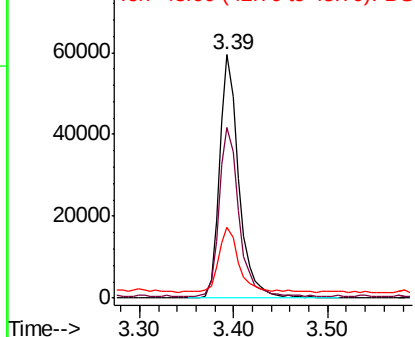
#2

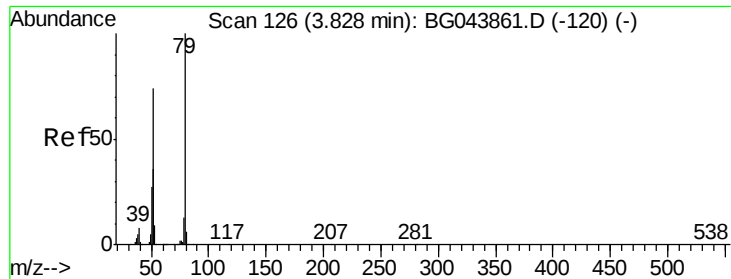
1,4-Dioxane
Concen: 42.557 ng
RT: 3.39 min Scan# 52
Delta R.T. -0.05 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion: 88 Resp: 85047
Ion Ratio Lower Upper
88 100
58 71.5 59.8 89.8
43 27.6 22.9 34.3



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





#3

Pyridine

Concen: 36.508 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.04 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Instrument :

BNA_G

ClientSampleId :

EP-3MS

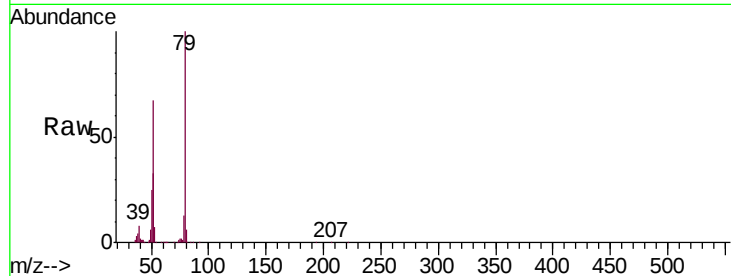
Tgt Ion: 79 Resp: 215533

Ion Ratio Lower Upper

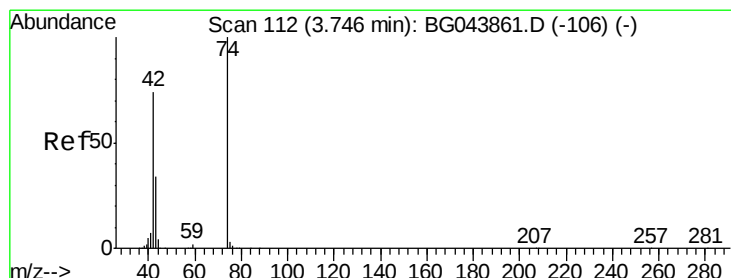
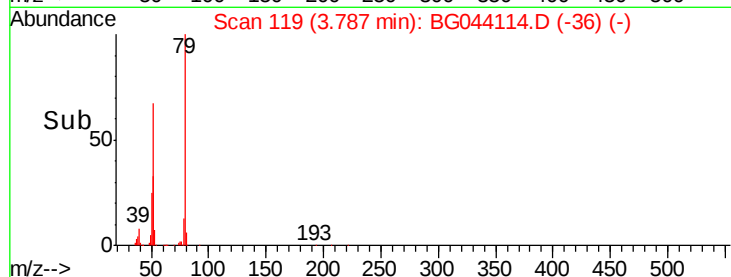
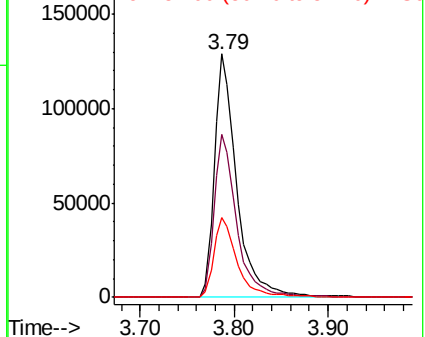
79 100

52 67.2 58.9 88.3

51 33.0 28.6 43.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 42.440 ng

RT: 3.70 min Scan# 105

Delta R.T. -0.04 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

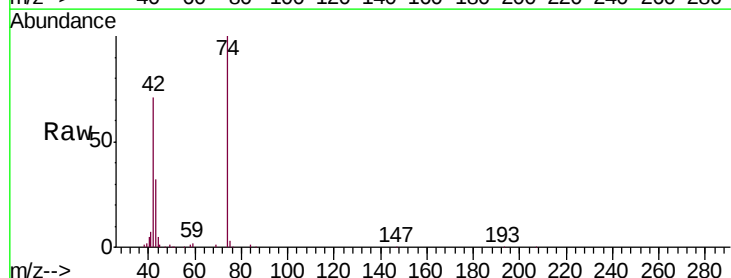
Tgt Ion: 42 Resp: 111549

Ion Ratio Lower Upper

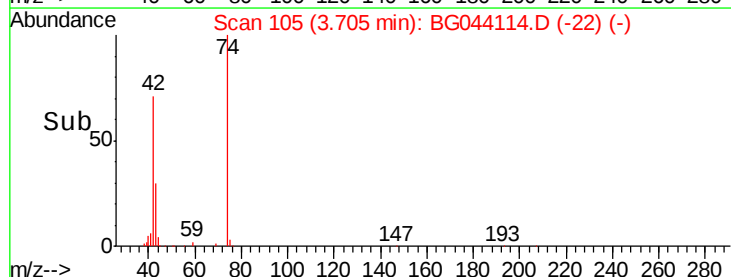
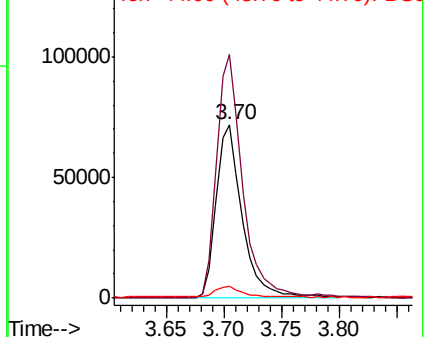
42 100

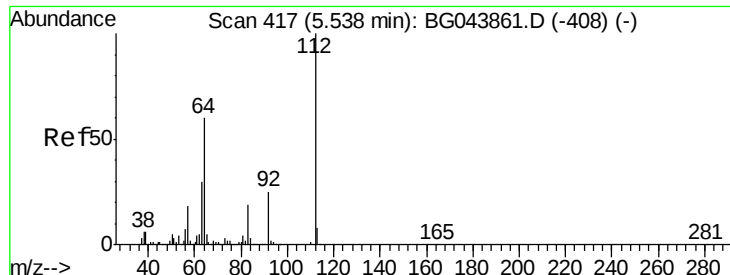
74 140.4 108.6 162.8

44 6.8 5.0 7.6



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 144.782 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

Lab File: BG044114.D

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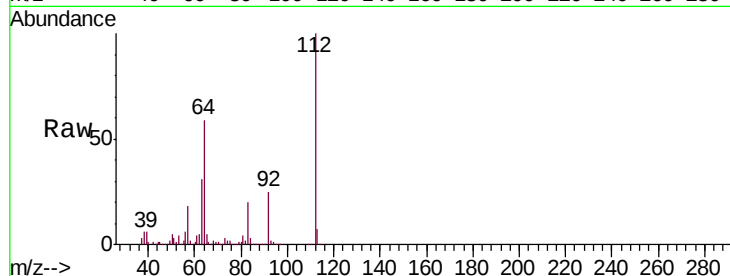
Tgt Ion: 112 Resp: 663582

Ion Ratio Lower Upper

112 100

64 58.8 47.8 71.6

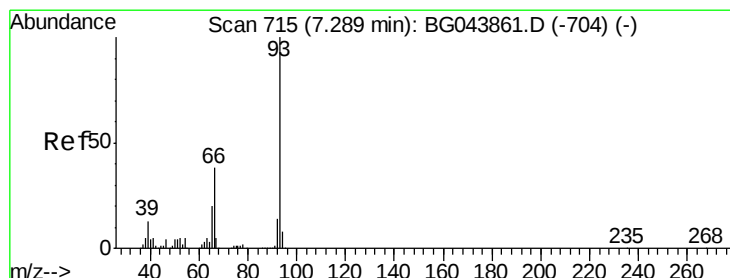
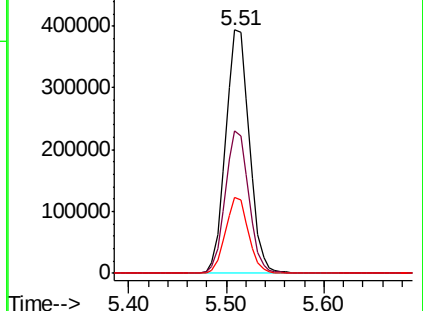
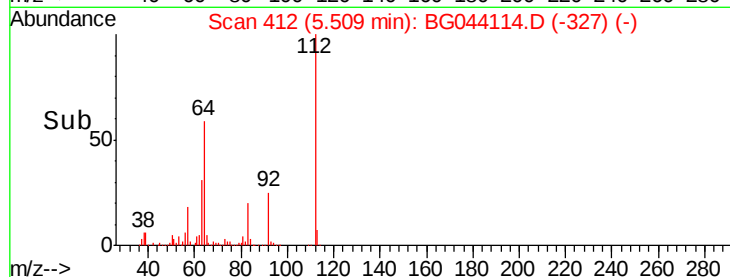
63 31.2 24.3 36.5



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: 18.984 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.04 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

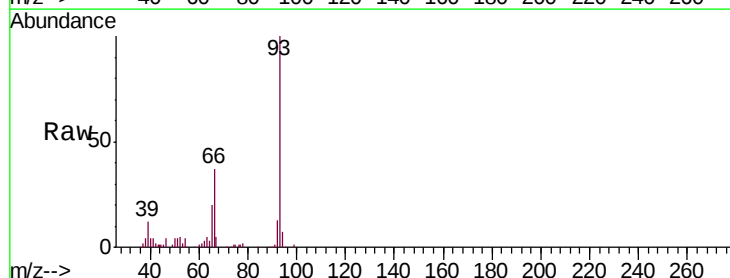
Tgt Ion: 93 Resp: 159752

Ion Ratio Lower Upper

93 100

66 36.8 30.8 46.2

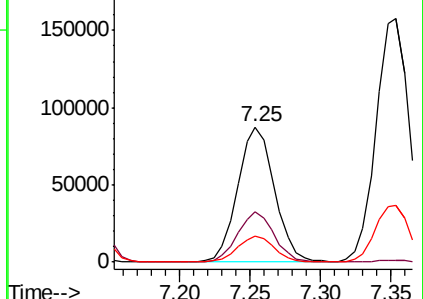
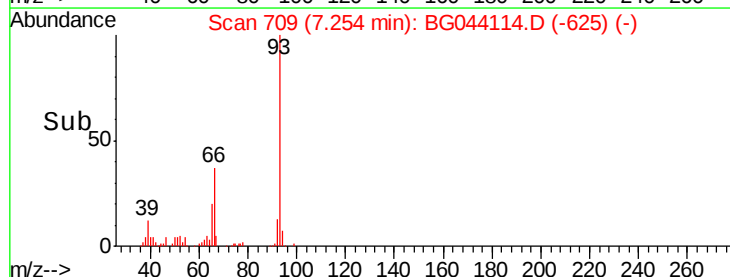
65 19.7 16.0 24.0

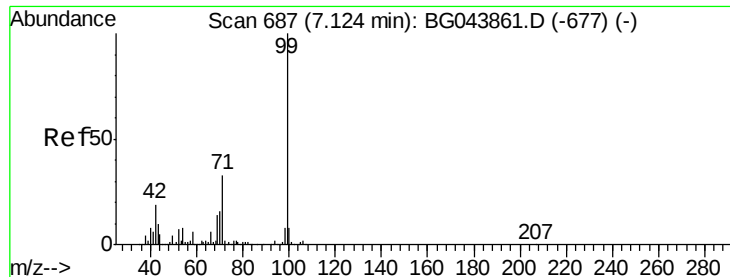


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 145.541 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.02 min

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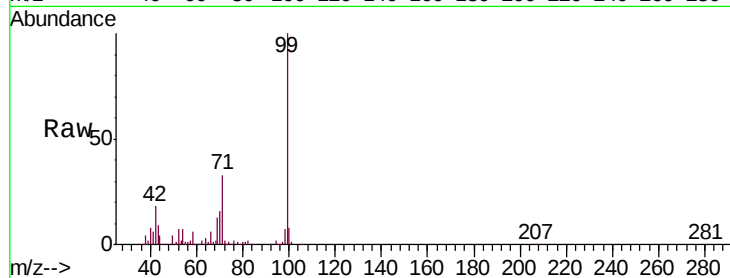
Tgt Ion: 99 Resp: 932427

Ion Ratio Lower Upper

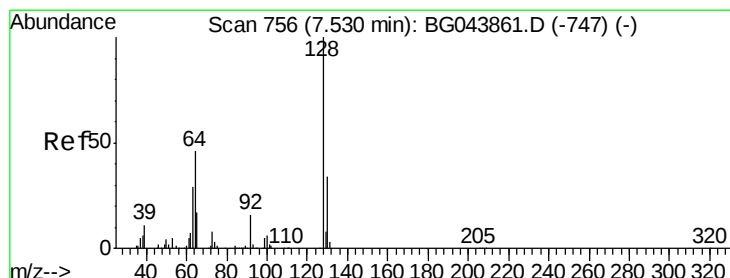
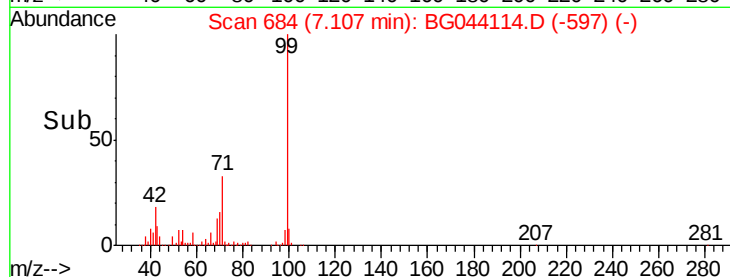
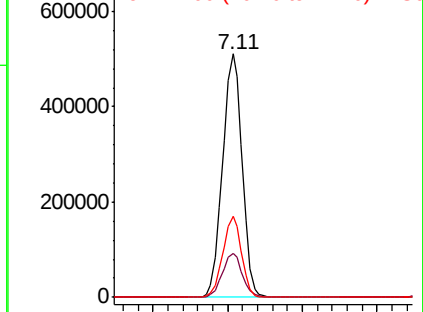
99 100

42 18.2 14.9 22.3

71 33.4 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: 52.529 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.03 min

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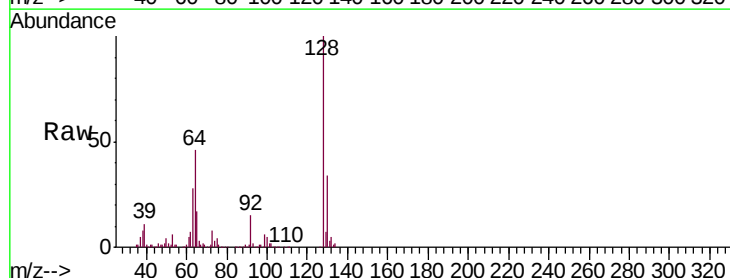
Tgt Ion: 128 Resp: 282640

Ion Ratio Lower Upper

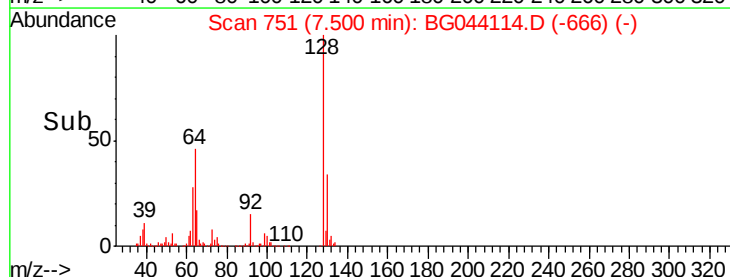
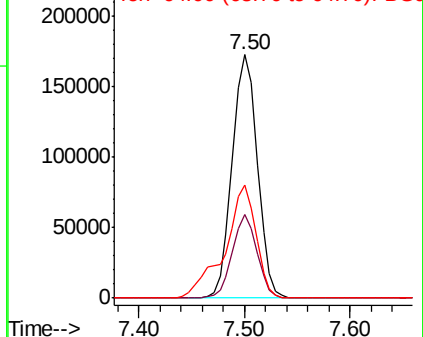
128 100

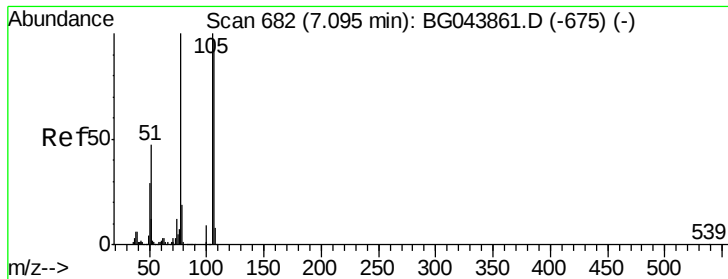
130 34.3 13.8 53.8

64 46.2 27.6 67.6



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





#9

Benzaldehyde

Concen: 35.023 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.03 min

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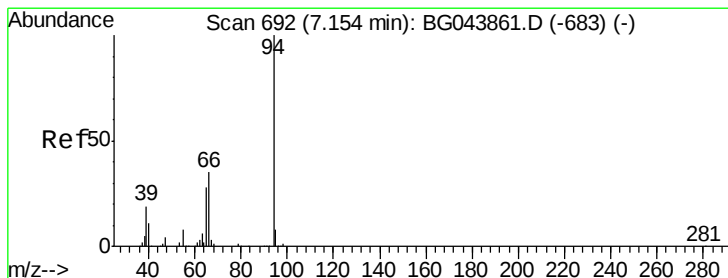
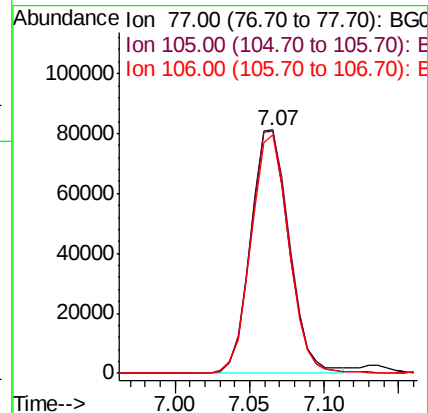
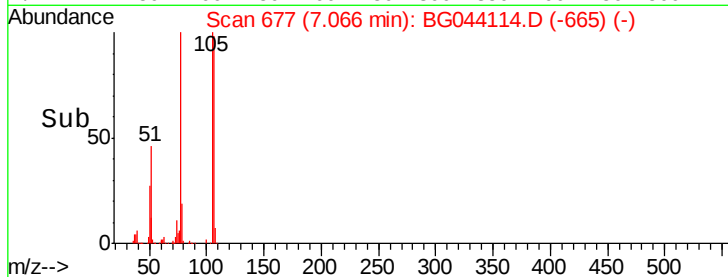
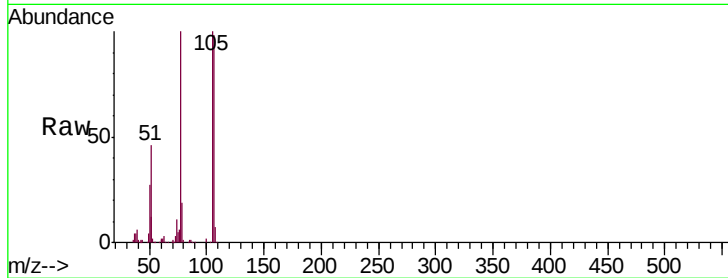
Tgt Ion: 77 Resp: 143608

Ion Ratio Lower Upper

77 100

105 99.5 80.2 120.2

106 97.8 77.2 117.2



#10

Phenol

Concen: 57.548 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.02 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

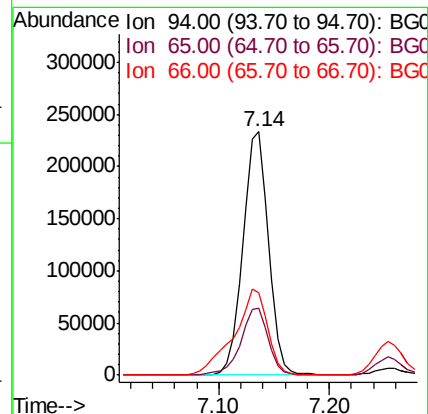
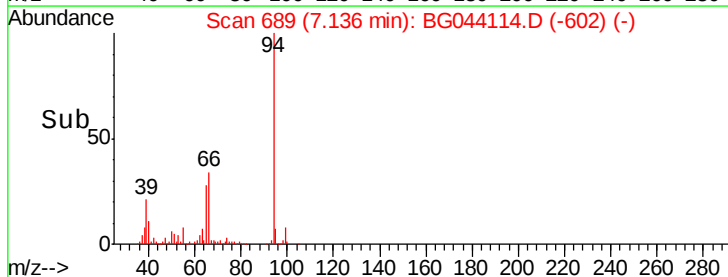
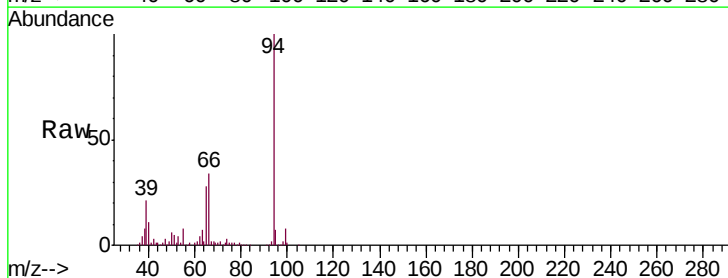
Tgt Ion: 94 Resp: 379869

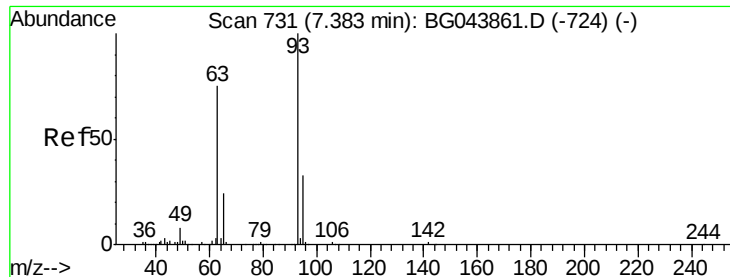
Ion Ratio Lower Upper

94 100

65 27.5 8.1 48.1

66 34.0 15.6 55.6

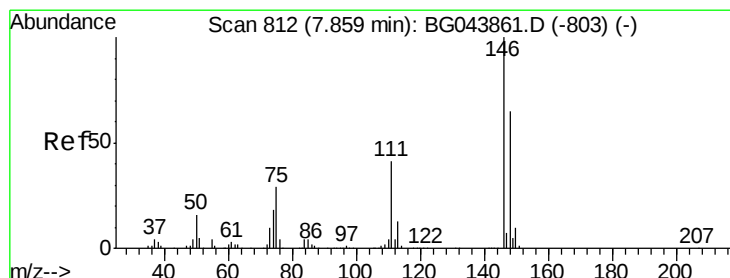
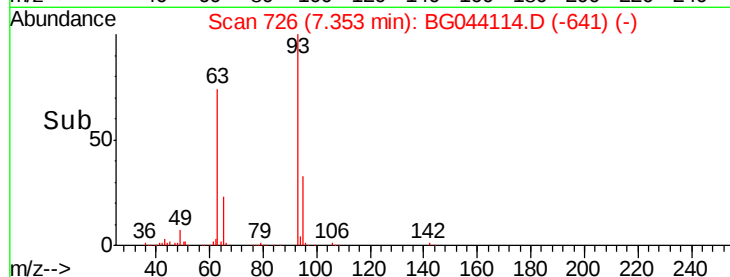
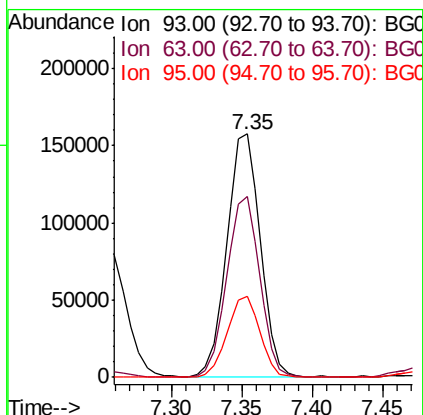
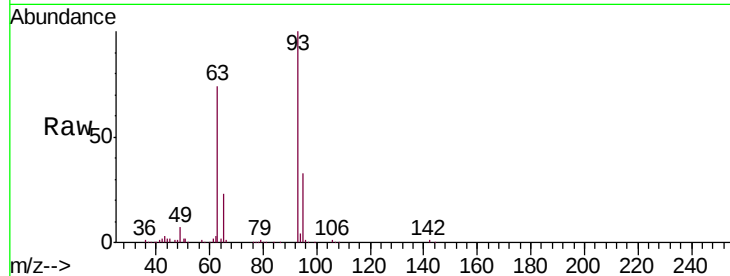




#11
bis(2-Chloroethyl)ether
Concen: 45.531 ng
RT: 7.35 min Scan# 726
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

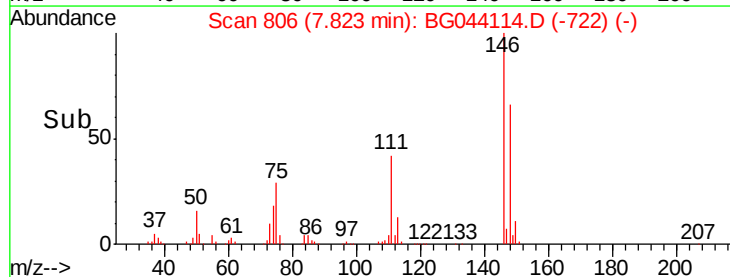
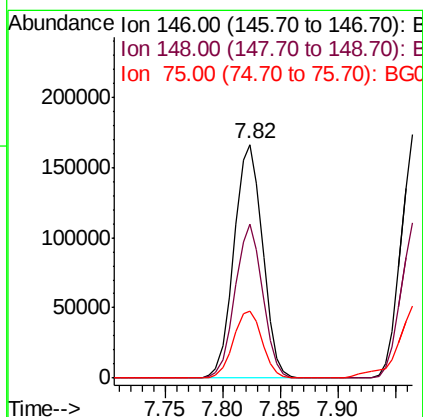
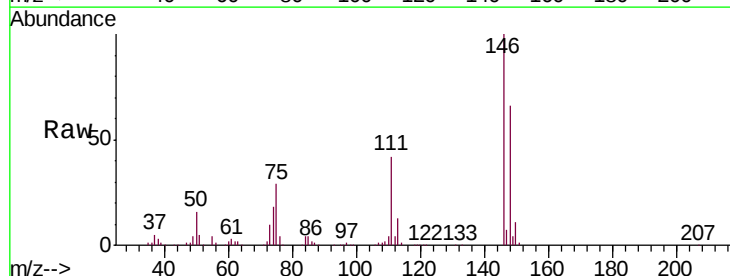
Instrument :
BNA_G
ClientSampleId :
EP-3MS

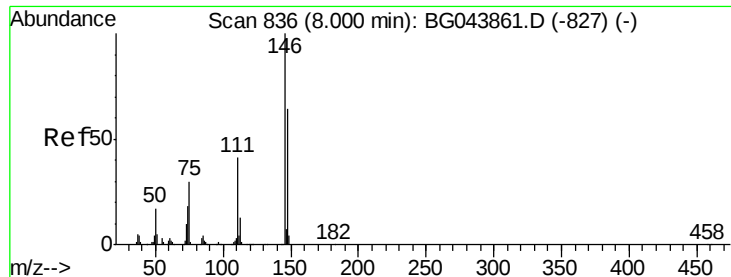
Tgt Ion: 93 Resp: 259430
Ion Ratio Lower Upper
93 100
63 74.3 55.0 95.0
95 33.1 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 45.121 ng
RT: 7.82 min Scan# 806
Delta R.T. -0.04 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion: 146 Resp: 284107
Ion Ratio Lower Upper
146 100
148 65.8 52.1 78.1
75 28.7 23.0 34.4

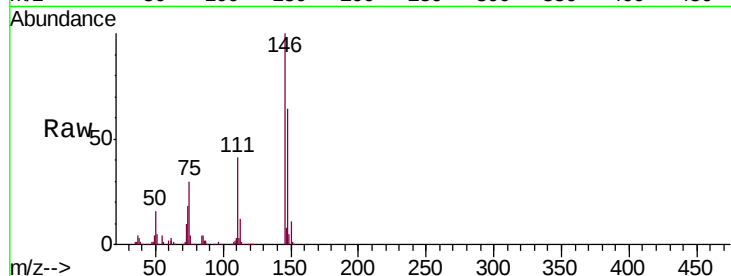




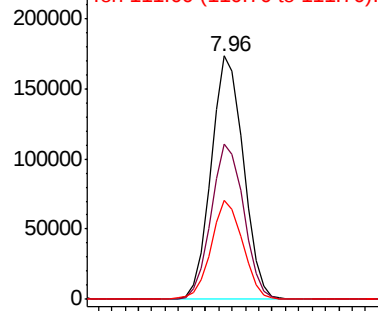
#13
 1,4-Dichlorobenzene
 Concen: 46.481 ng
 RT: 7.96 min Scan# 830
 Delta R.T. -0.04 min
 Lab File: BG044114.D
 Acq: 21 Jan 2020 1:33

Instrument :
 BNA_G
 ClientSampleId :
 EP-3MS

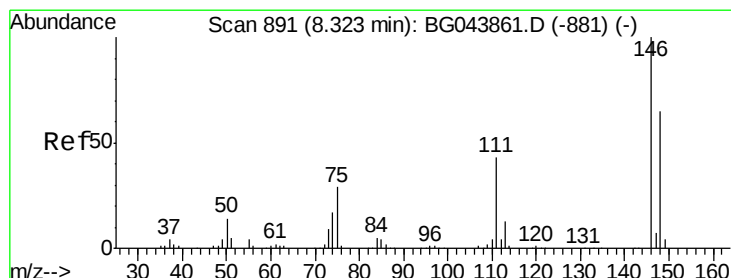
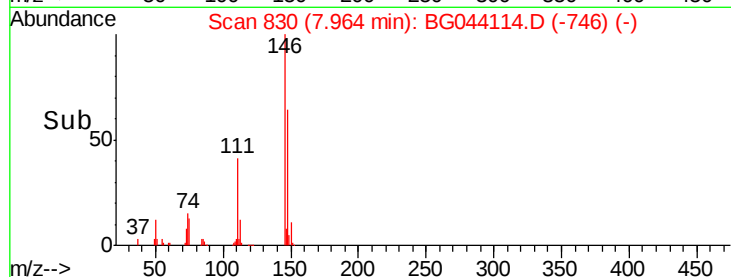
Tgt Ion:146 Resp: 288771
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.2 76.8
 111 40.6 33.1 49.7



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

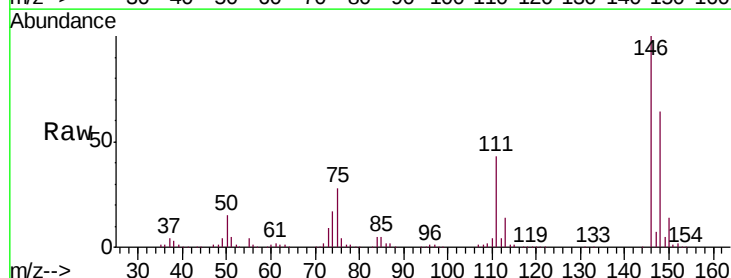


Time-->

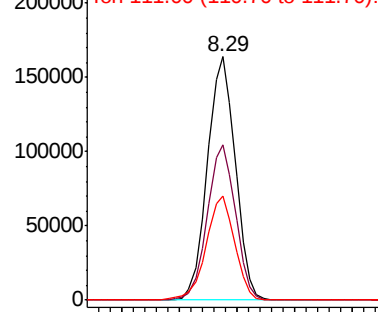


#14
 1,2-Dichlorobenzene
 Concen: 46.003 ng
 RT: 8.29 min Scan# 885
 Delta R.T. -0.04 min
 Lab File: BG044114.D
 Acq: 21 Jan 2020 1:33

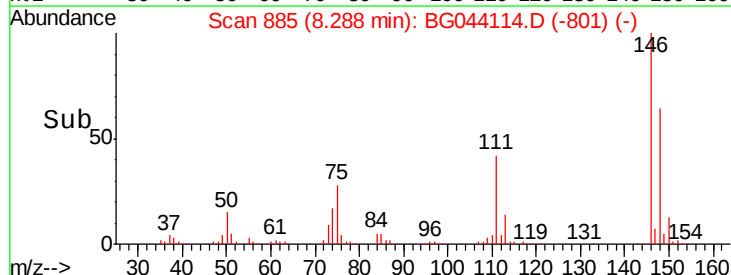
Tgt Ion:146 Resp: 274326
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.7 77.5
 111 42.5 34.4 51.6

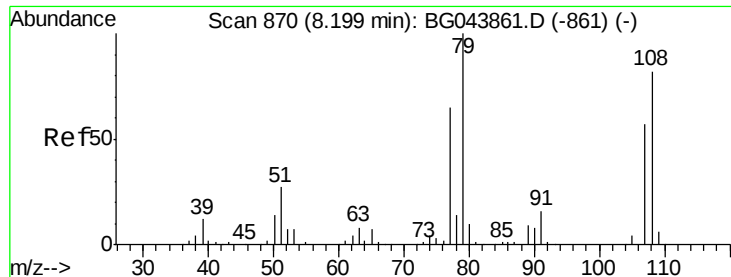


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E



Time-->





#15

Benzyl Alcohol

Concen: 47.181 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.03 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Instrument :

BNA_G

ClientSampled :

EP-3MS

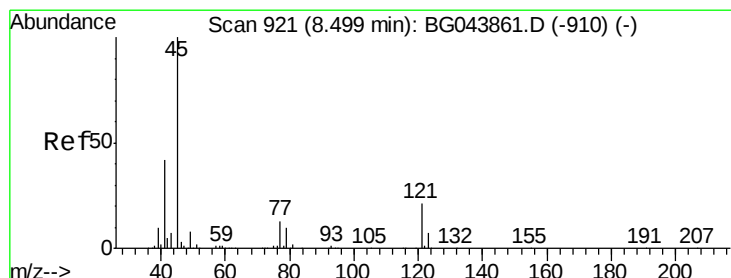
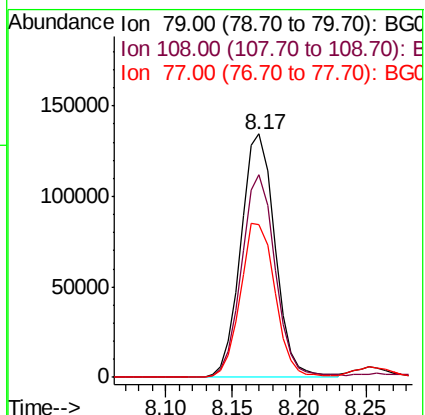
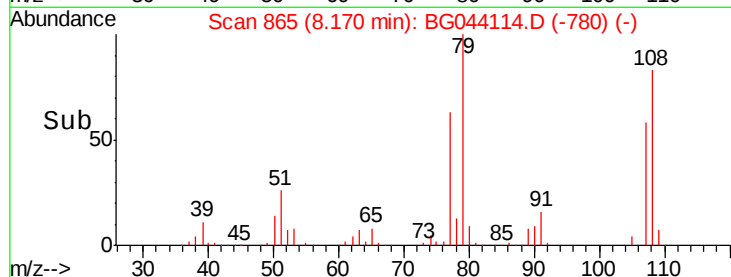
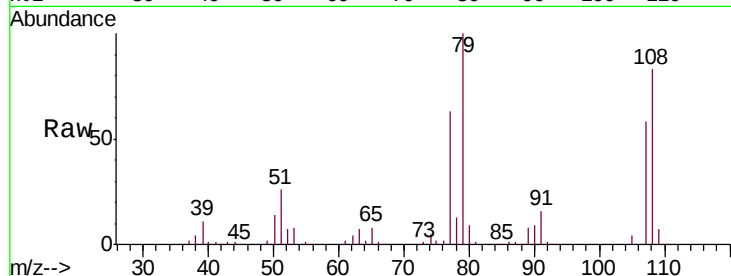
Tgt Ion: 79 Resp: 238561

Ion Ratio Lower Upper

79 100

108 83.1 65.6 98.4

77 62.5 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.183 ng

RT: 8.46 min Scan# 915

Delta R.T. -0.04 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

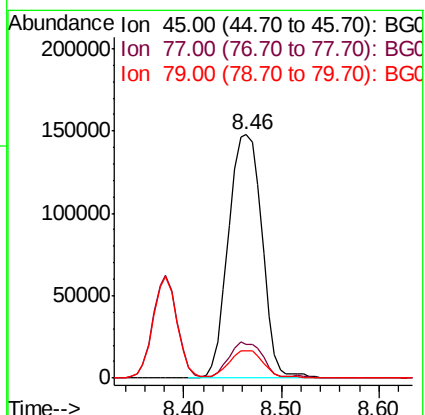
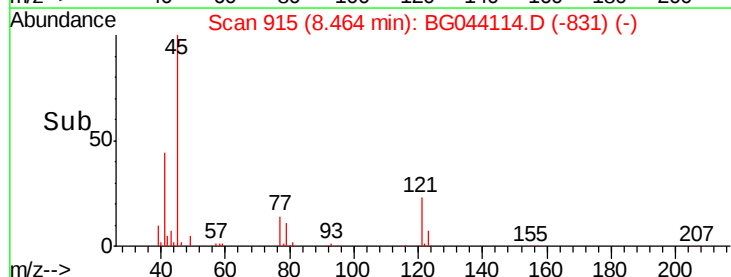
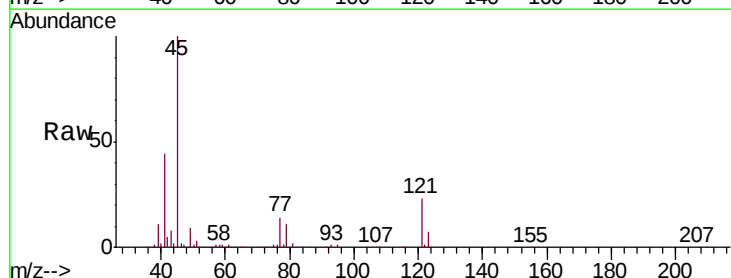
Tgt Ion: 45 Resp: 354223

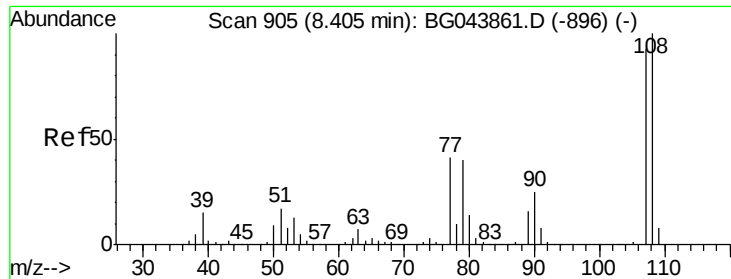
Ion Ratio Lower Upper

45 100

77 14.1 0.0 33.8

79 11.1 0.0 31.0

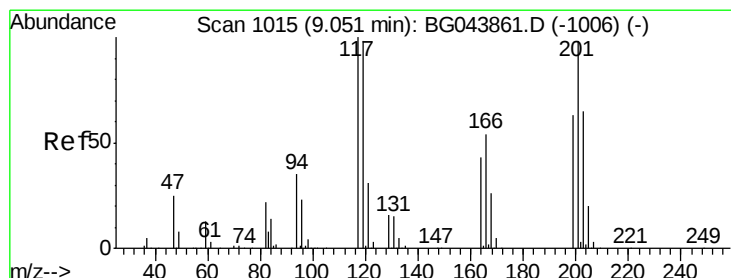
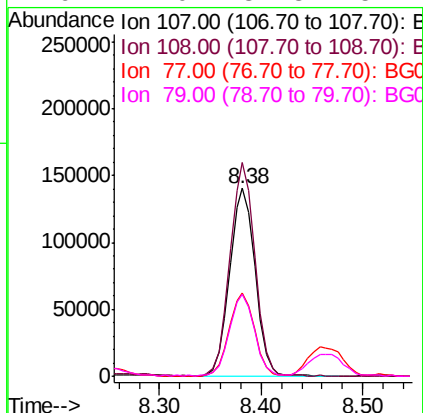
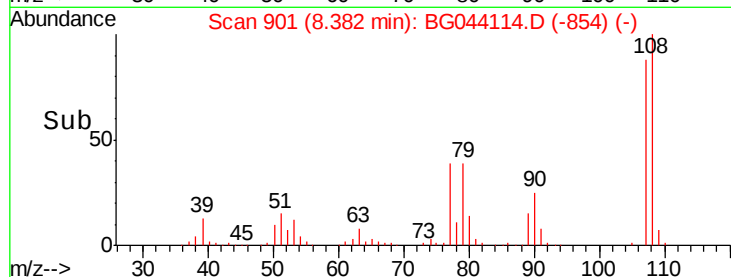
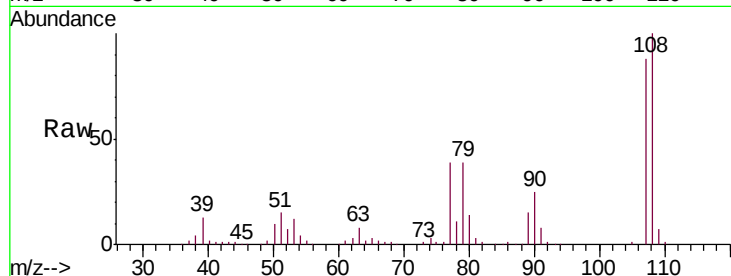




#17
2-Methylphenol
Concen: 51.038 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.02 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

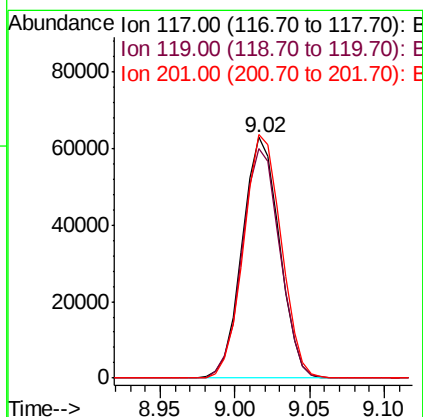
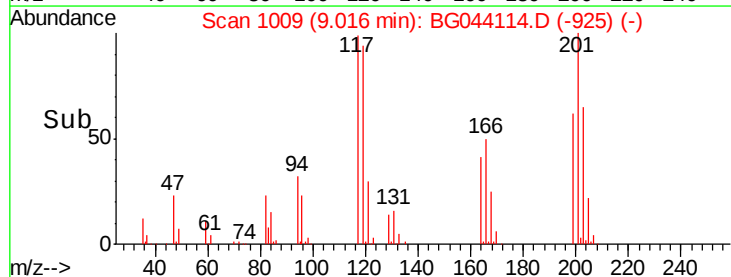
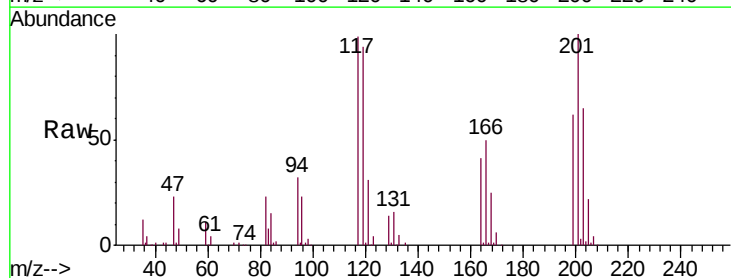
Instrument :
BNA_G
ClientSampleId :
EP-3MS

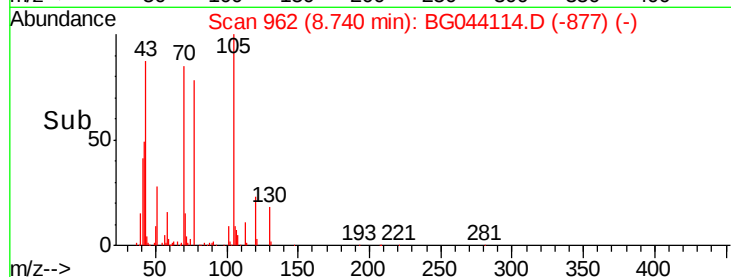
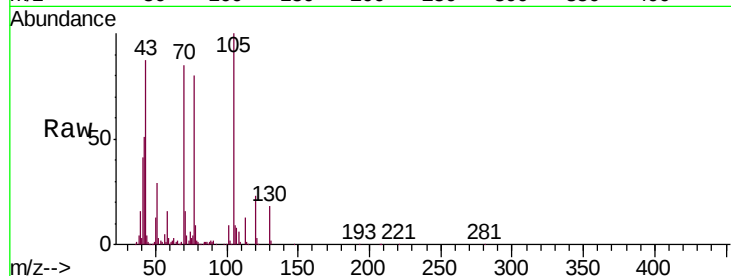
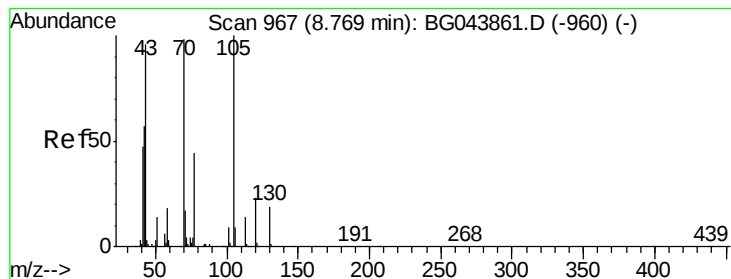
Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.8	86.1	129.1
77	44.6	35.4	53.0
79	44.0	34.8	52.2



#18
Hexachloroethane
Concen: 44.765 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.04 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	78.1	117.1
201	101.0	78.6	117.8





#19

n-Nitroso-di-n-propylamine

Concen: 43.877 ng

RT: 8.74 min Scan# 962

Delta R.T. -0.03 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Instrument :

BNA_G

ClientSampleId :

EP-3MS

Tgt Ion: 70 Resp: 209340

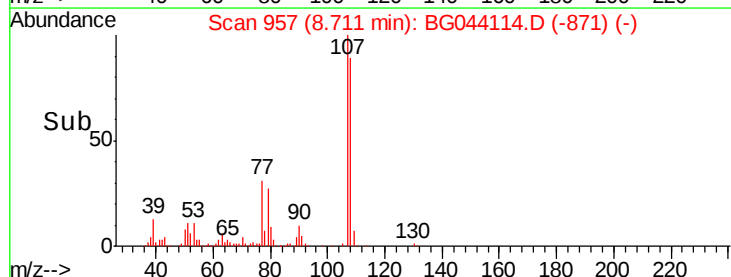
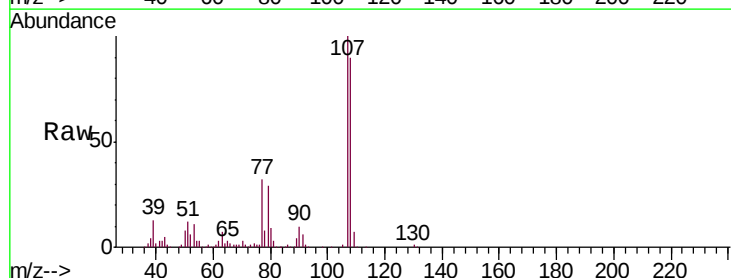
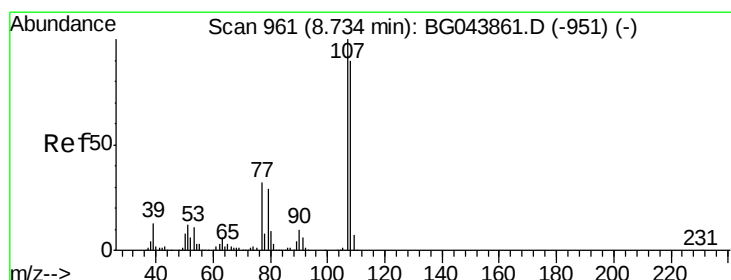
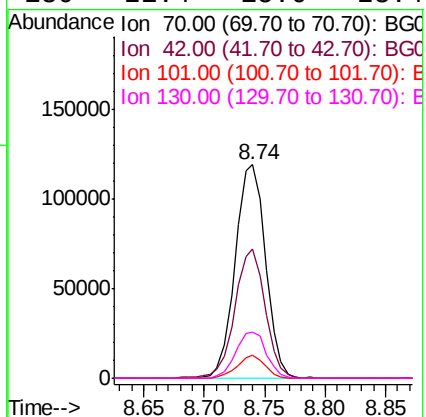
Ion Ratio Lower Upper

70 100

42 60.3 47.0 70.4

101 10.6 7.2 10.8

130 21.4 15.6 23.4



#20

3+4-Methylphenols

Concen: 51.015 ng

RT: 8.71 min Scan# 957

Delta R.T. -0.02 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Tgt Ion: 107 Resp: 339948

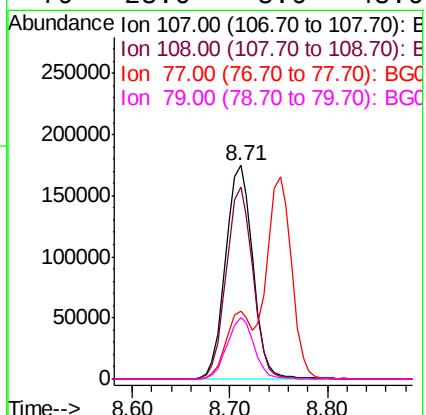
Ion Ratio Lower Upper

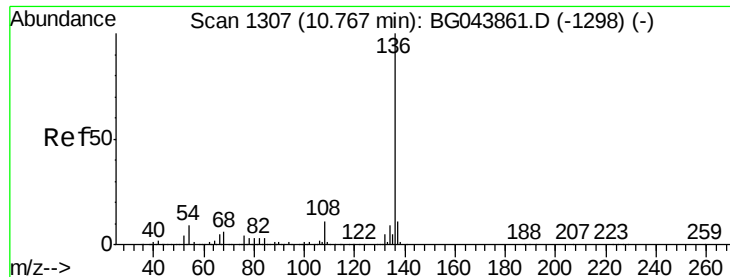
107 100

108 89.9 70.3 110.3

77 31.5 12.4 52.4

79 28.6 8.6 48.6

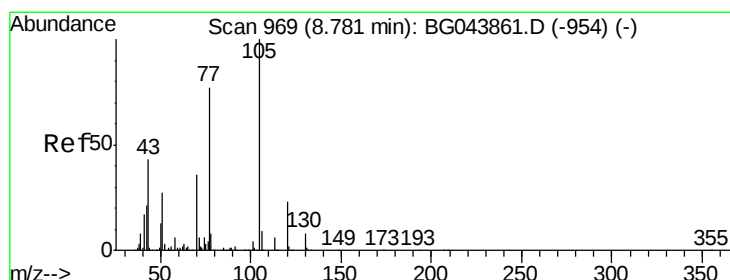
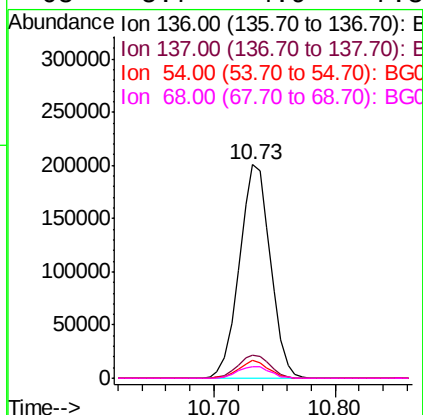
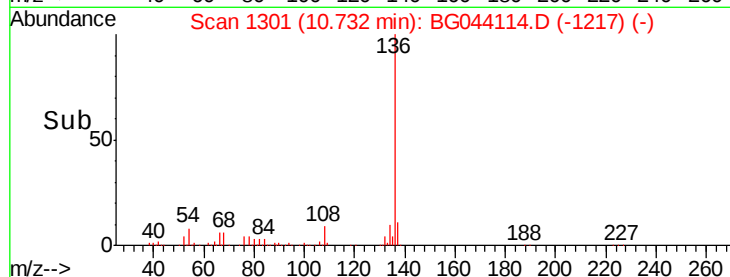
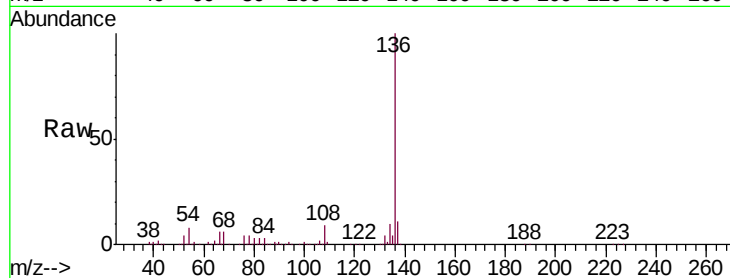




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

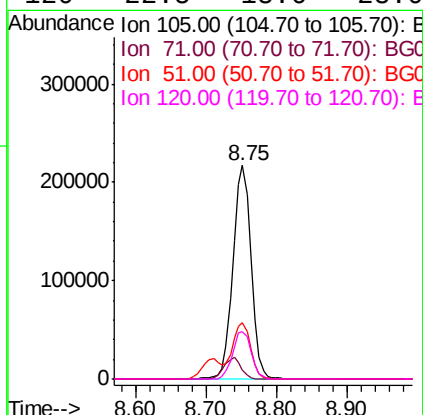
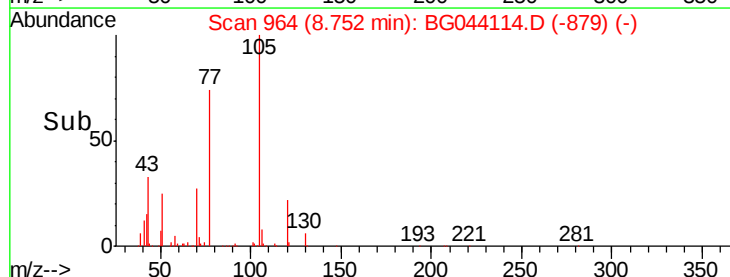
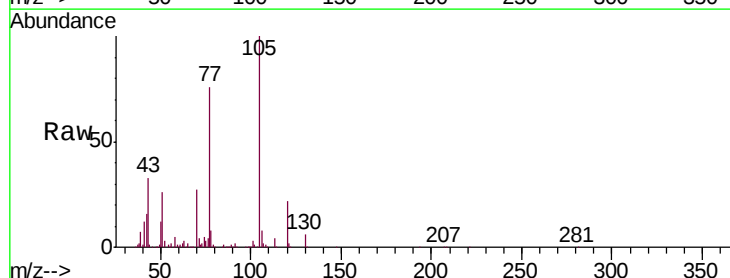
Instrument :
BNA_G
ClientSampleId :
EP-3MS

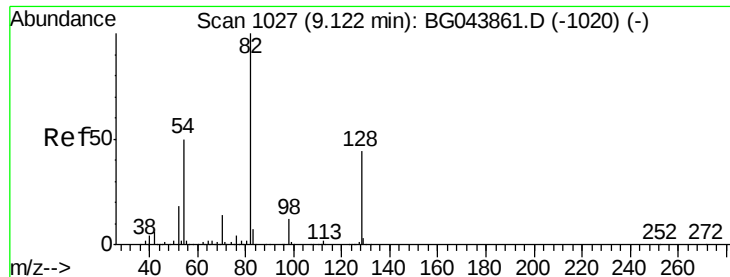
Tgt Ion:	136	Resp:	359139
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.1	7.0	10.4
68	5.7	4.9	7.3



#22
Acetophenone
Concen: 43.432 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion:	105	Resp:	387785
Ion	Ratio	Lower	Upper
105	100		
71	4.2	4.8	7.2#
51	26.2	21.4	32.0
120	22.5	18.6	28.0

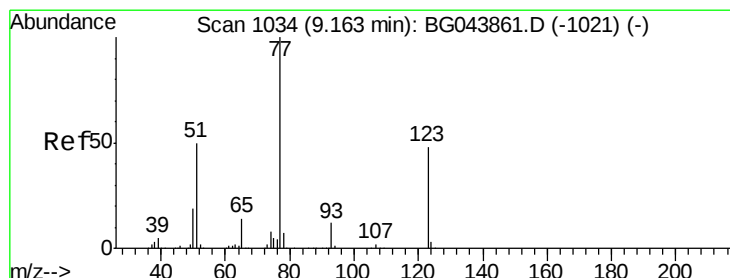
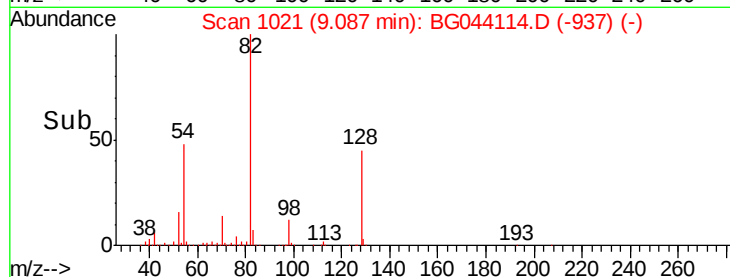
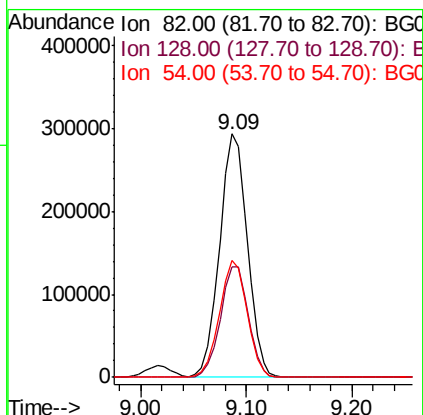
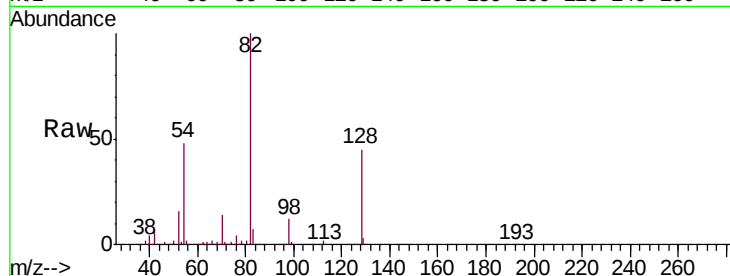




#23
 Nitrobenzene-d5
 Concen: 79.677 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.04 min
 Lab File: BG044114.D
 Acq: 21 Jan 2020 1:33

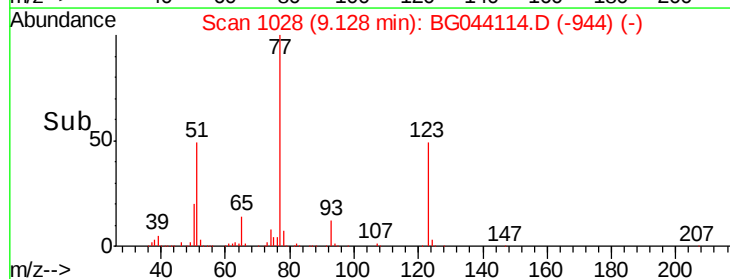
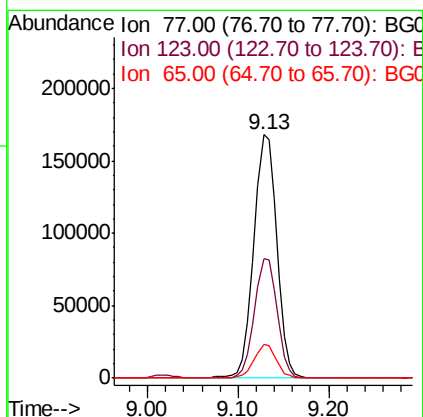
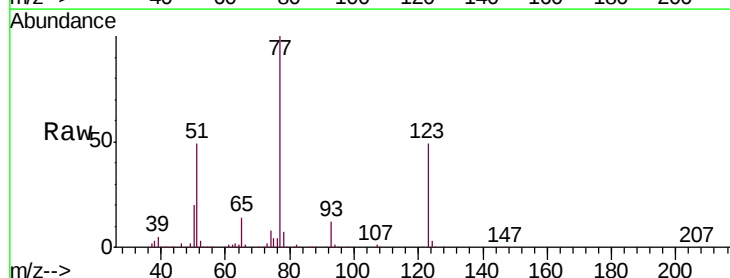
Instrument :
 BNA_G
 ClientSampleId :
 EP-3MS

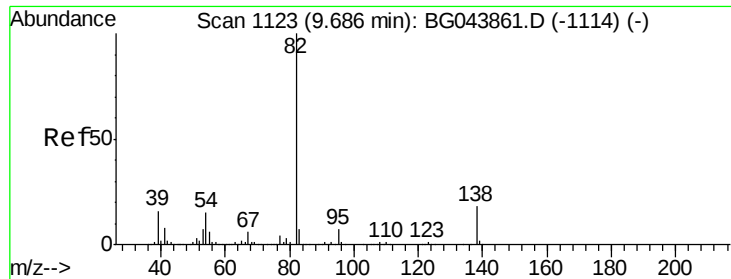
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.1	52.7
54	48.1	40.1	60.1



#24
 Nitrobenzene
 Concen: 44.779 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.04 min
 Lab File: BG044114.D
 Acq: 21 Jan 2020 1:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	38.7	58.1
65	13.9	11.1	16.7

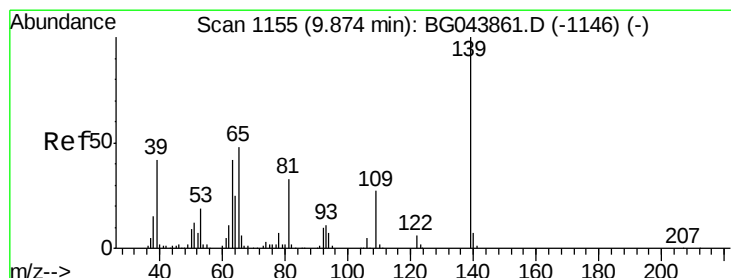
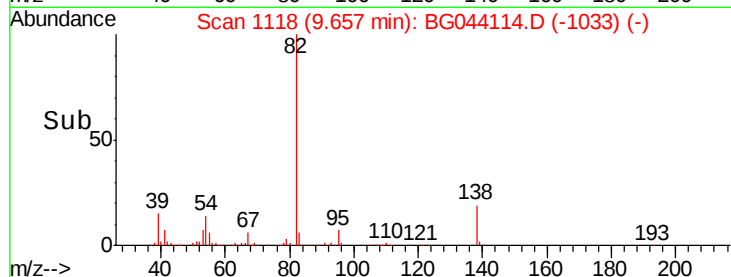
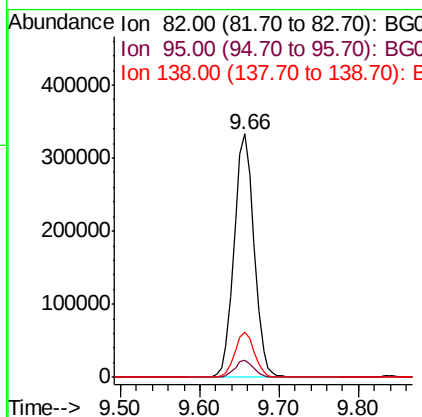
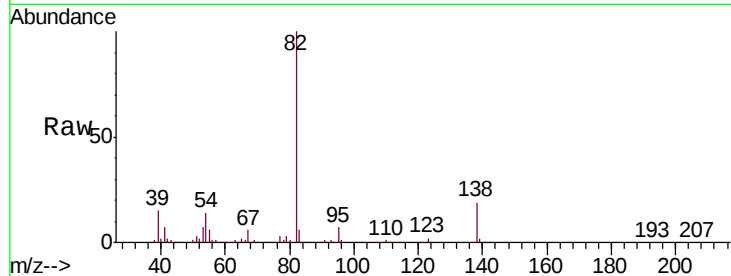




#25
Isophorone
Concen: 45.983 ng
RT: 9.66 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

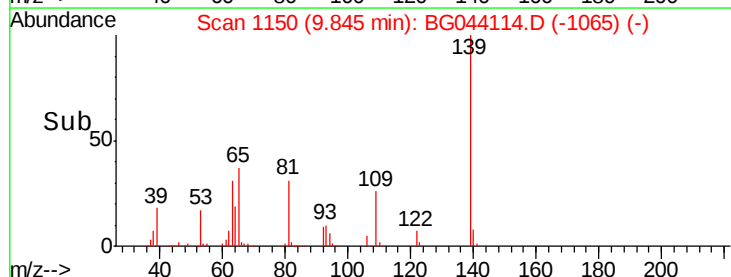
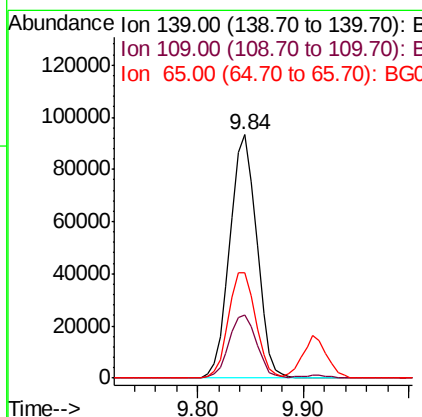
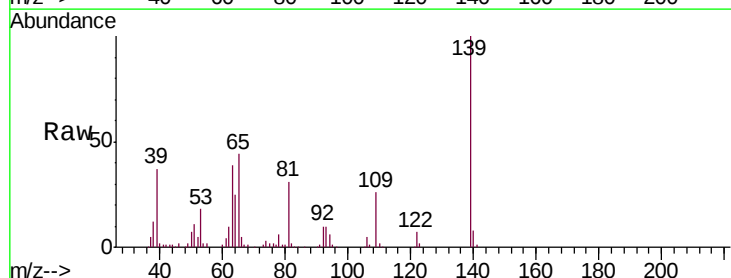
Instrument :
BNA_G
ClientSampleId :
EP-3MS

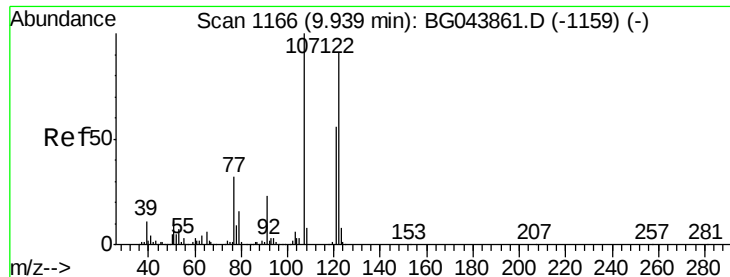
Tgt Ion: 82 Resp: 579153
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 18.8 14.6 22.0



#26
2-Nitrophenol
Concen: 52.288 ng
RT: 9.84 min Scan# 1150
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion: 139 Resp: 164487
Ion Ratio Lower Upper
139 100
109 26.1 21.3 31.9
65 43.5 38.6 57.8

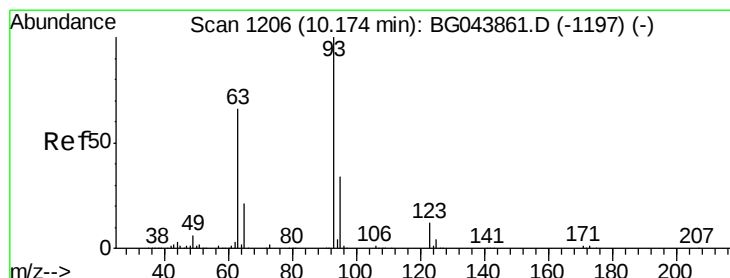
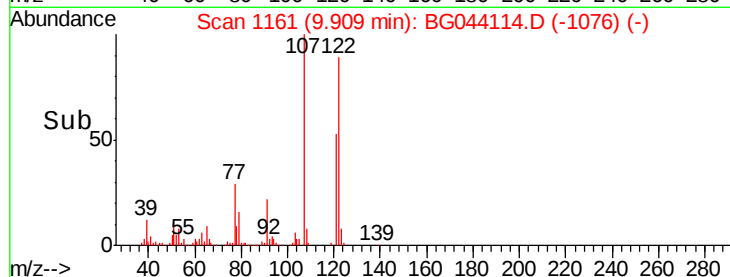
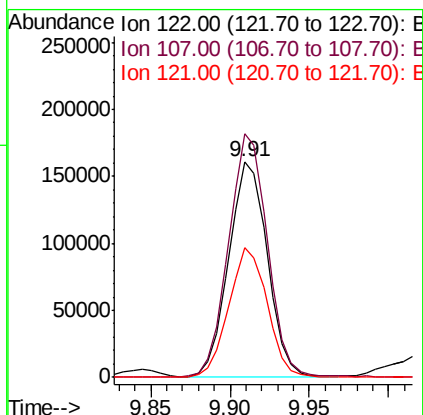
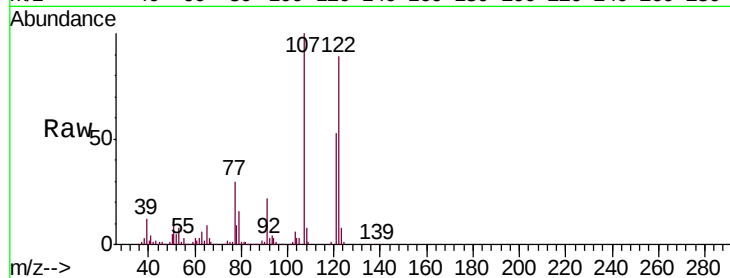




#27
 2,4-Dimethylphenol
 Concen: 57.362 ng
 RT: 9.91 min Scan# 1161
 Delta R.T. -0.03 min
 Lab File: BG044114.D
 Acq: 21 Jan 2020 1:33

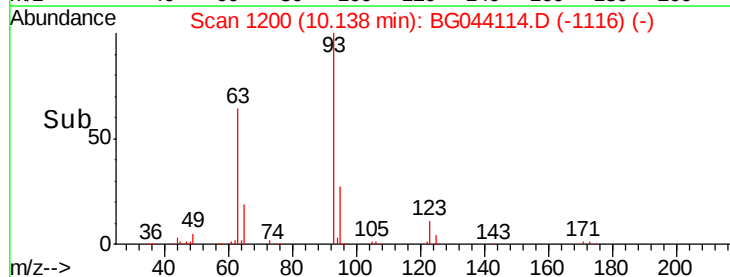
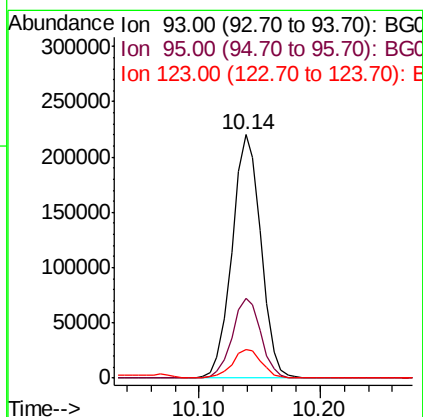
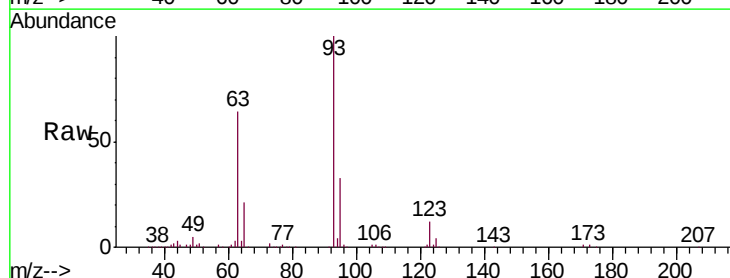
Instrument :
 BNA_G
 ClientSampleId :
 EP-3MS

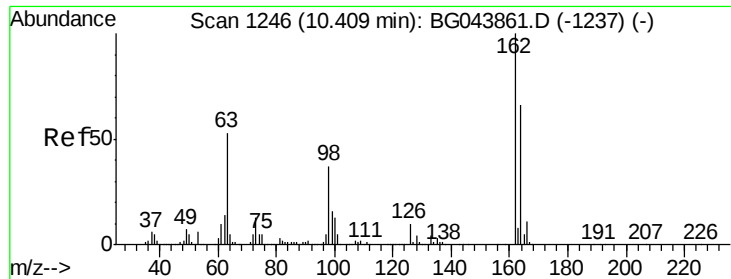
Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.8	88.0	132.0
121	60.2	49.0	73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.555 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.04 min
 Lab File: BG044114.D
 Acq: 21 Jan 2020 1:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	27.2	40.8
123	11.8	9.7	14.5

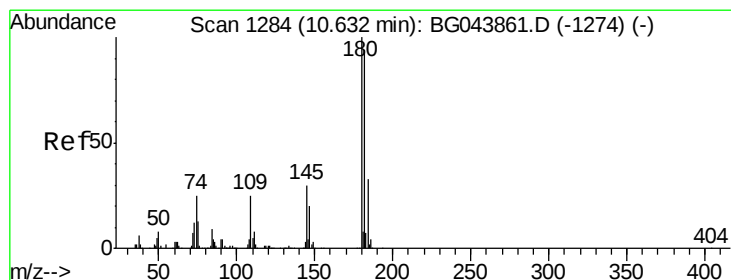
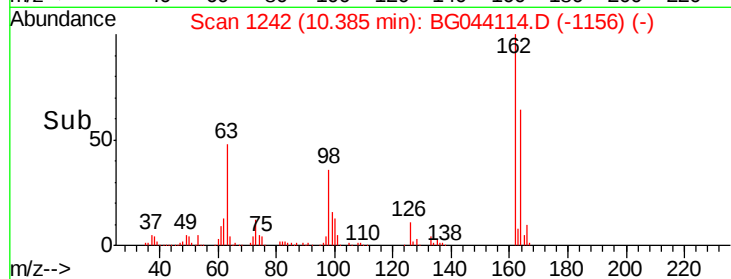
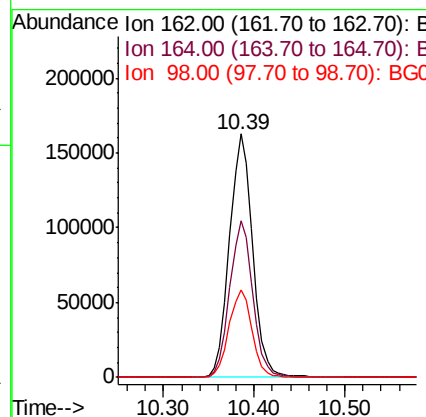
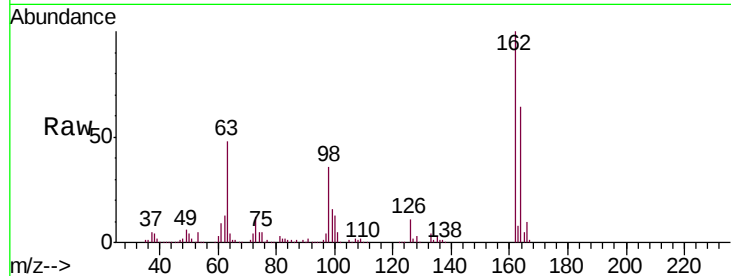




#29
 2,4-Dichlorophenol
 Concen: 51.053 ng
 RT: 10.39 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BG044114.D
 Acq: 21 Jan 2020 1:33

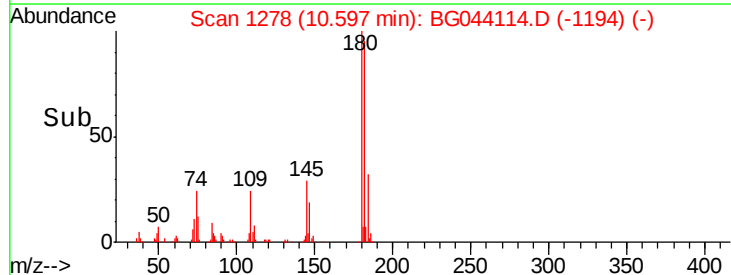
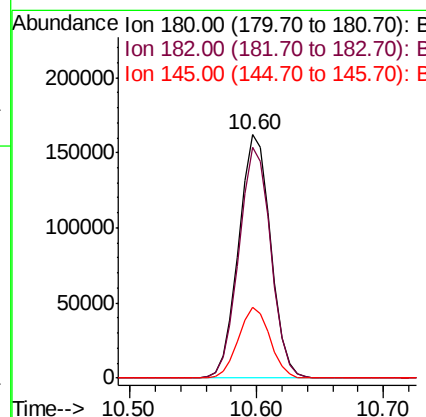
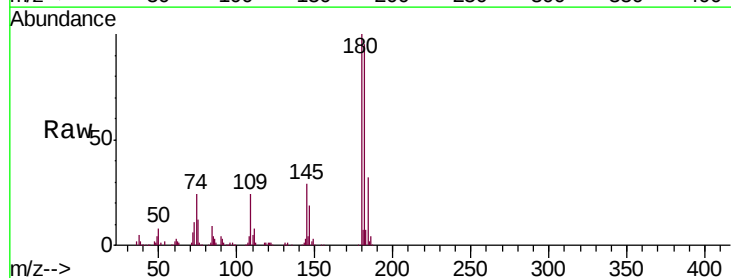
Instrument :
 BNA_G
 ClientSampleId :
 EP-3MS

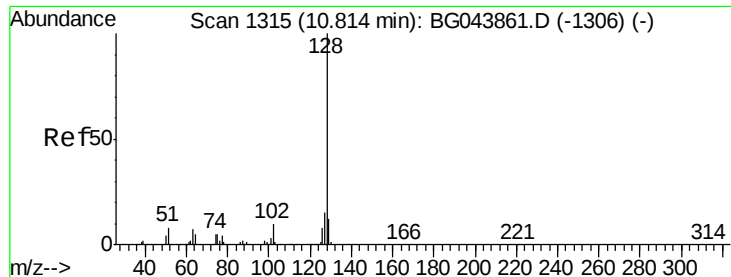
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.2	46.3	86.3
98	36.2	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 44.515 ng
 RT: 10.60 min Scan# 1278
 Delta R.T. -0.04 min
 Lab File: BG044114.D
 Acq: 21 Jan 2020 1:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.0	112.4
145	29.1	24.2	36.4

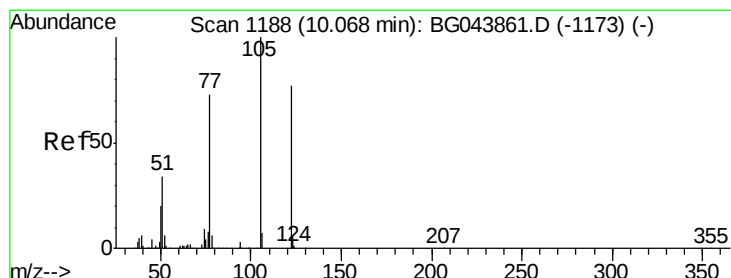
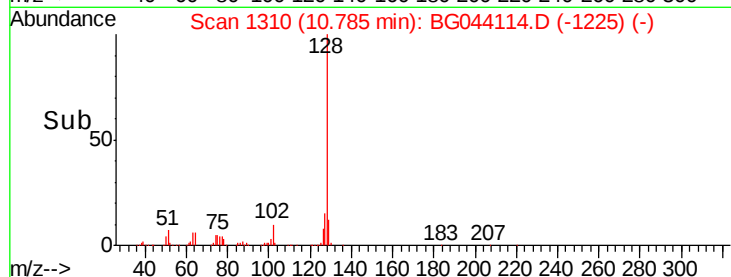
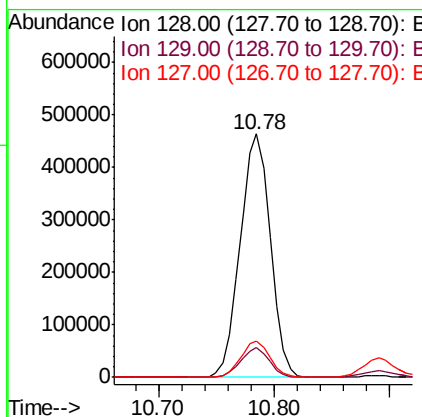
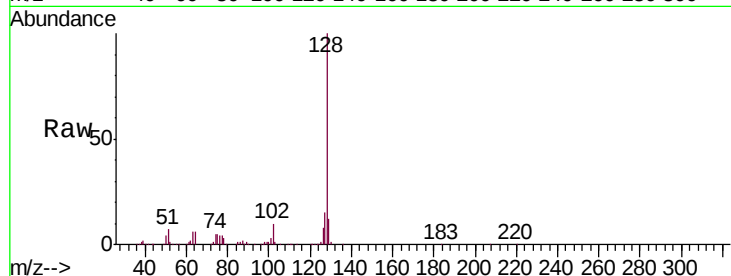




#31
Naphthalene
Concen: 48.347 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

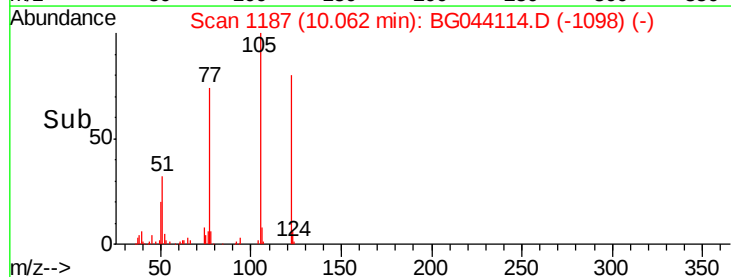
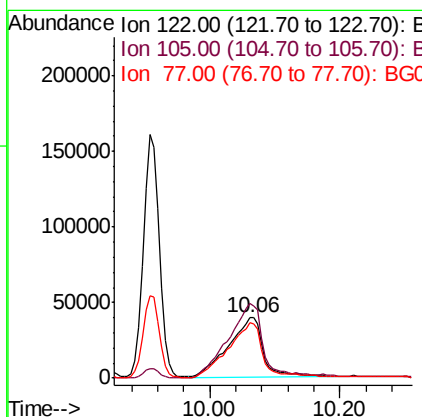
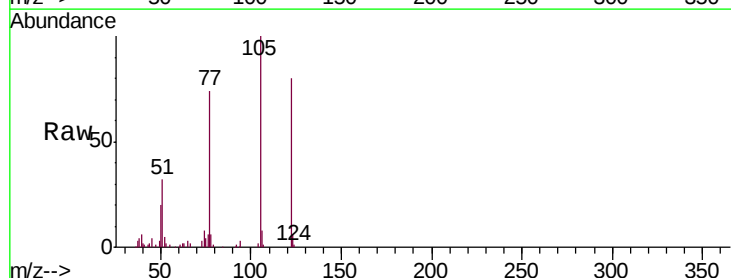
Instrument :
BNA_G
ClientSampleId :
EP-3MS

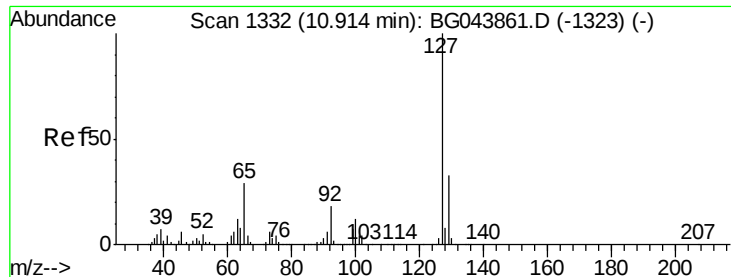
Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.8	14.6
127	14.7	12.0	18.0



#32
Benzoic acid
Concen: 39.471 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.2	106.4	146.4
77	92.3	74.6	114.6

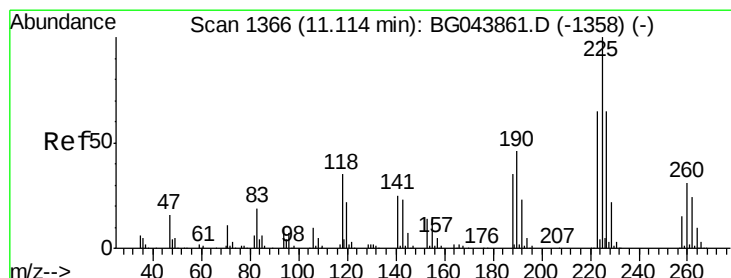
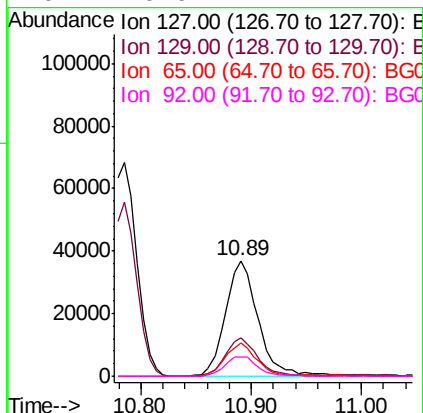
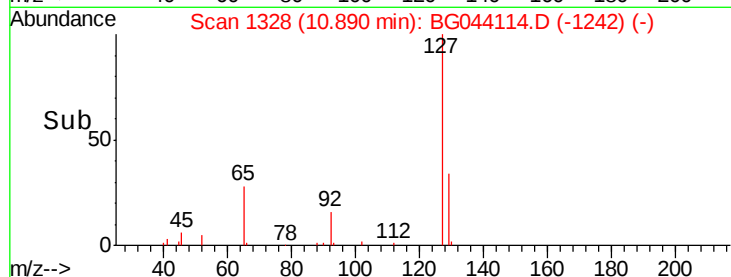
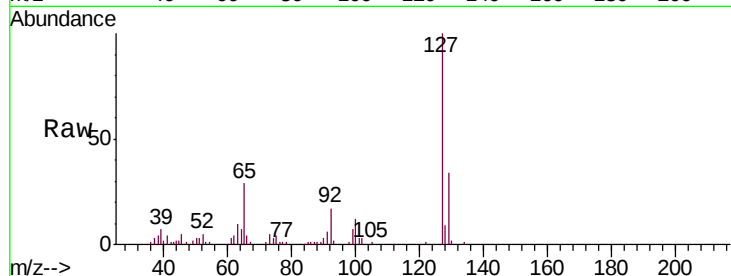




#33
4-Chloroaniline
Concen: 9.193 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

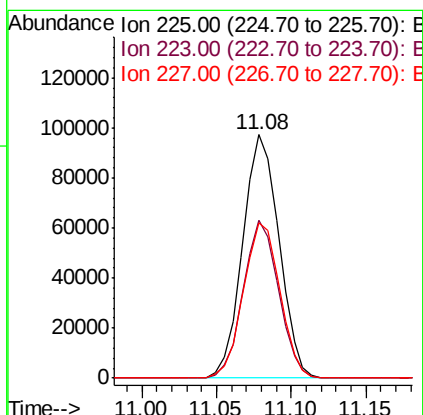
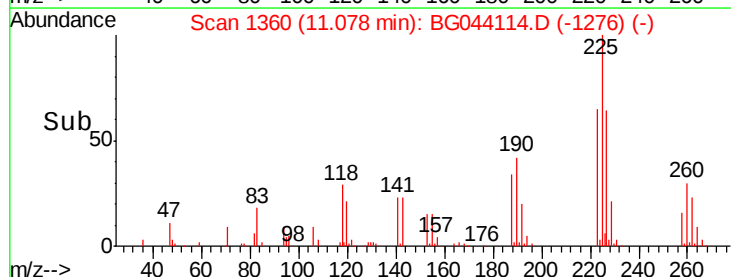
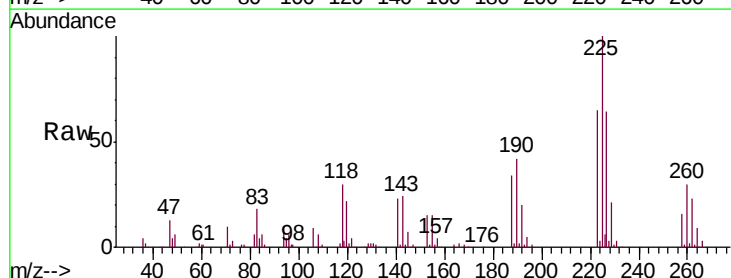
Instrument :
BNA_G
ClientSampleId :
EP-3MS

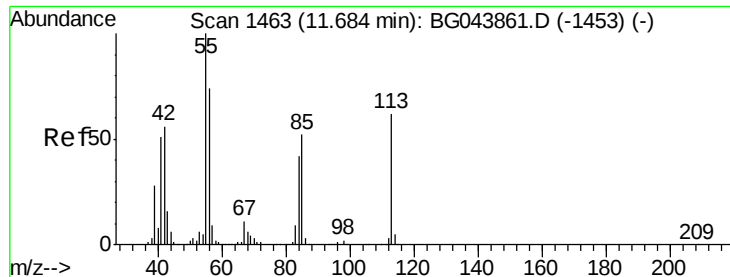
Tgt Ion:	127	Resp:	76207
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.6	40.0
65	29.2	23.3	34.9
92	16.9	14.7	22.1



#34
Hexachlorobutadiene
Concen: 42.292 ng
RT: 11.08 min Scan# 1360
Delta R.T. -0.04 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion:	225	Resp:	163538
Ion	Ratio	Lower	Upper
225	100		
223	65.1	52.2	78.4
227	63.9	52.1	78.1





#35

Caprolactam

Concen: 38.603 ng

RT: 11.66 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Instrument :

BNA_G

ClientSampleId :

EP-3MS

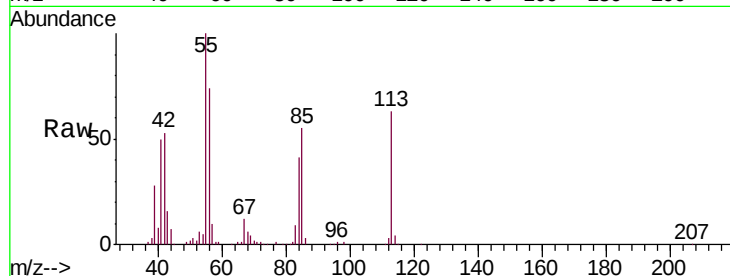
Tgt Ion:113 Resp: 81172

Ion Ratio Lower Upper

113 100

55 159.5 142.5 182.5

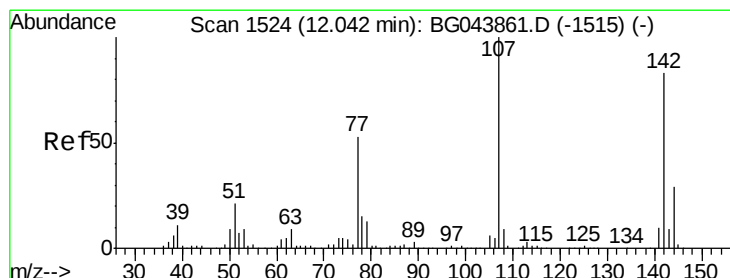
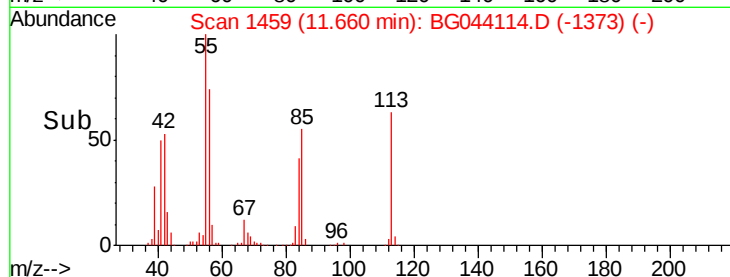
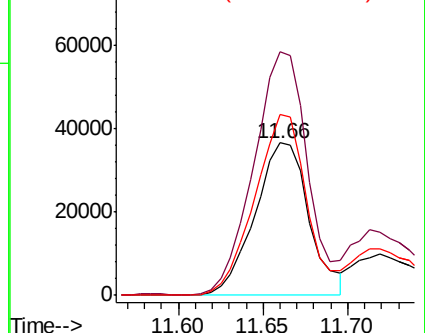
56 118.4 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 52.696 ng

RT: 12.02 min Scan# 1521

Delta R.T. -0.02 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

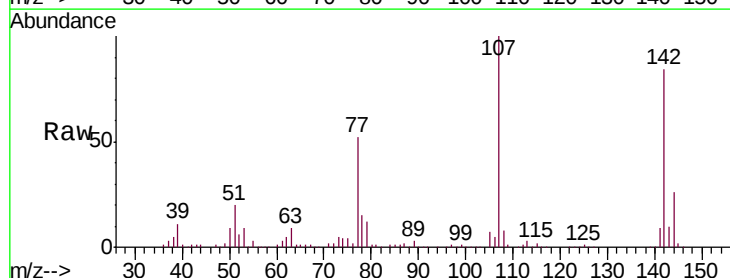
Tgt Ion:107 Resp: 316866

Ion Ratio Lower Upper

107 100

144 26.0 23.4 35.2

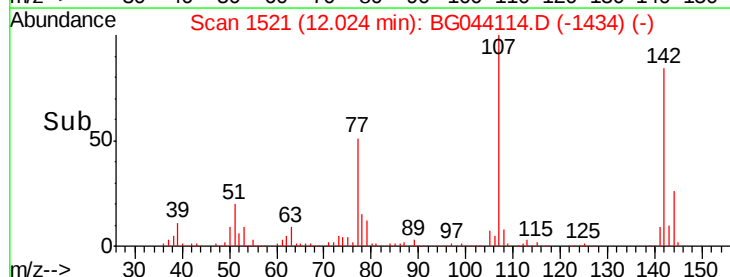
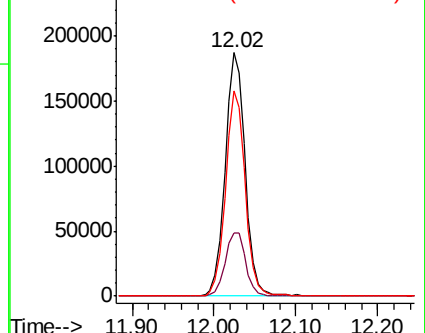
142 84.1 66.3 99.5

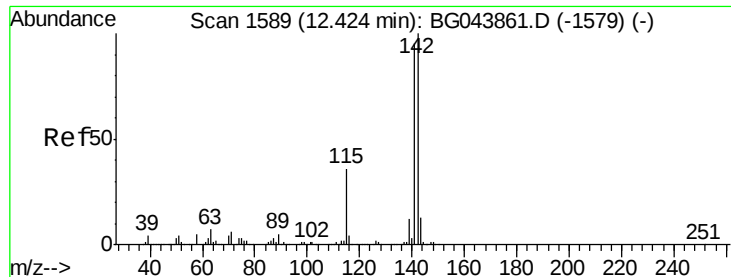


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.412 ng

RT: 12.39 min Scan# 1584

Delta R.T. -0.03 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Instrument :

BNA_G

ClientSampleId :

EP-3MS

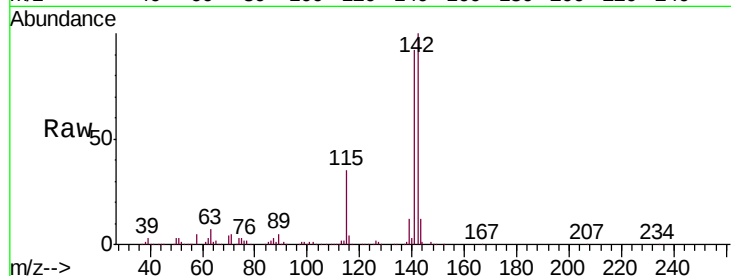
Tgt Ion:142 Resp: 633431

Ion Ratio Lower Upper

142 100

141 91.9 75.8 113.8

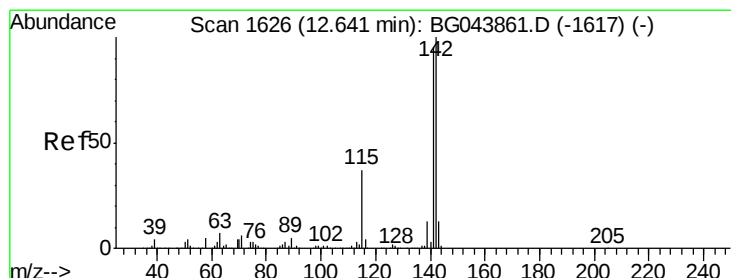
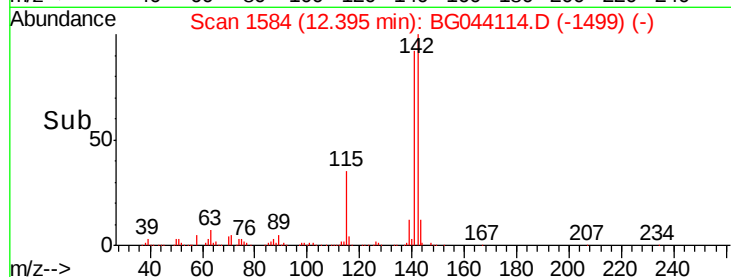
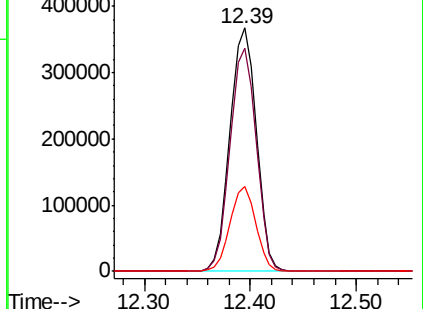
115 34.7 28.6 42.8



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: 48.713 ng

RT: 12.61 min Scan# 1621

Delta R.T. -0.03 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

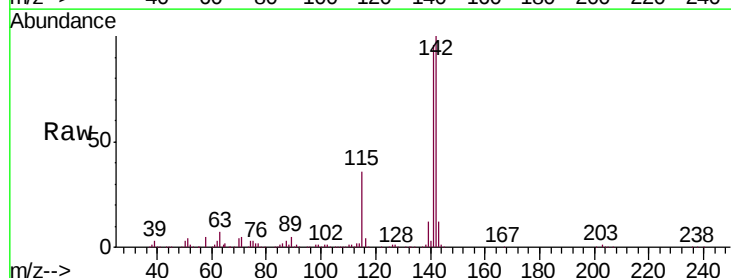
Tgt Ion:142 Resp: 604079

Ion Ratio Lower Upper

142 100

141 95.8 76.0 114.0

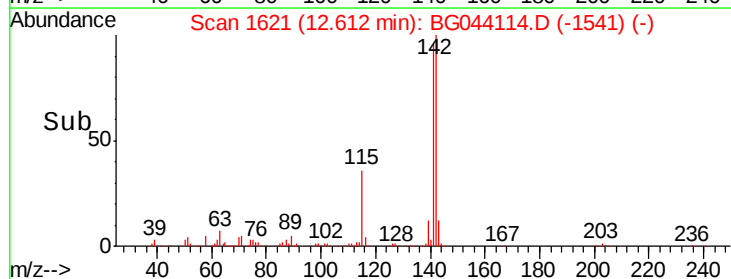
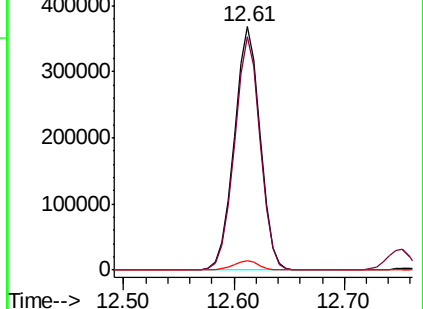
116 4.0 3.1 4.7

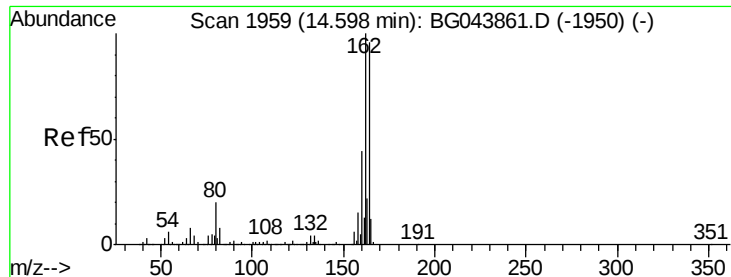


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Instrument :

BNA_G

ClientSampleId :

EP-3MS

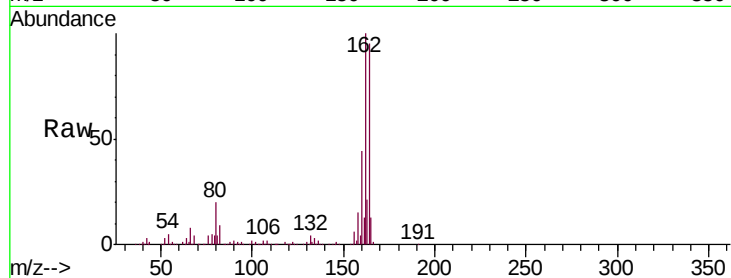
Tgt Ion:164 Resp: 245241

Ion Ratio Lower Upper

164 100

162 104.8 83.0 124.4

160 46.2 36.1 54.1

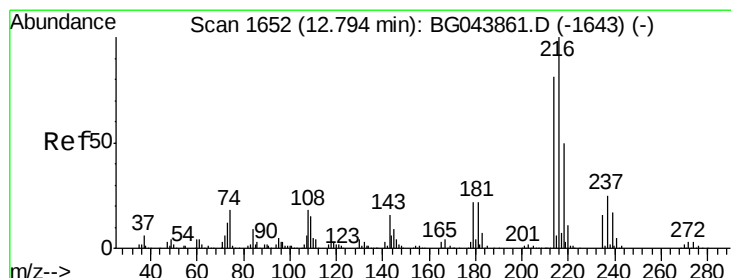
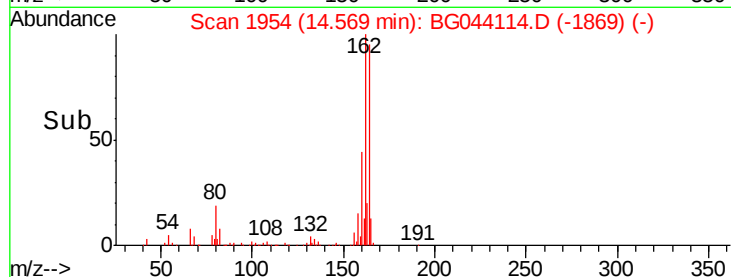
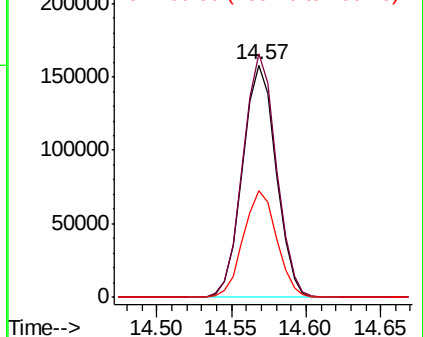


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.870 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.03 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Tgt Ion:216 Resp: 300964

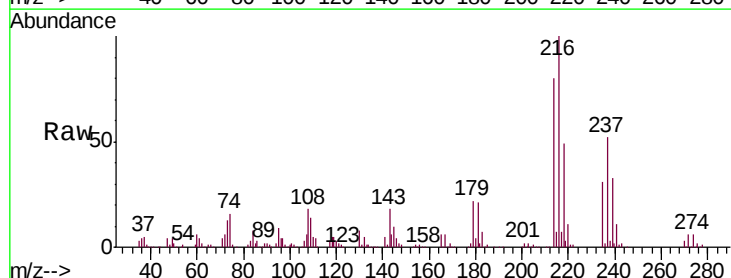
Ion Ratio Lower Upper

216 100

214 79.8 63.8 95.8

179 21.1 17.3 25.9

108 20.2 15.3 22.9



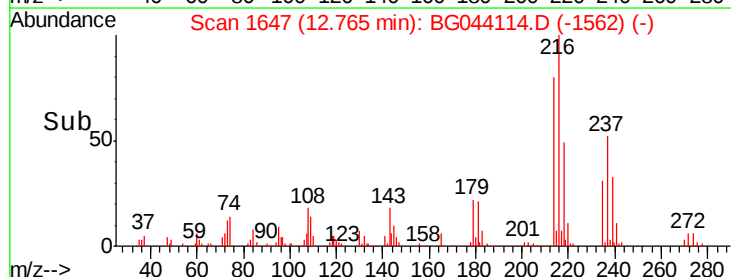
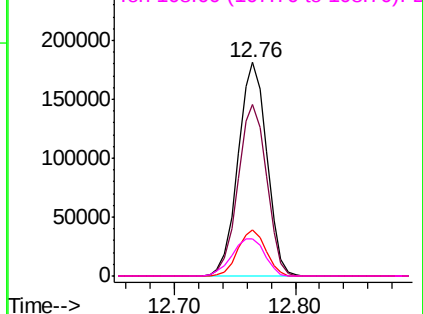
Abundance

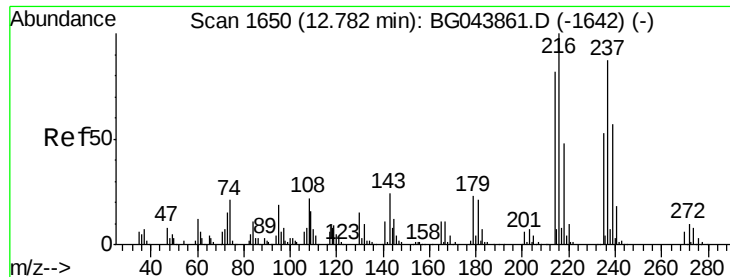
Ion 216.00 (215.70 to 216.70): E

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

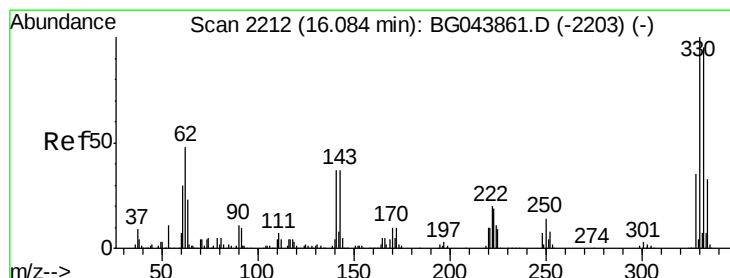
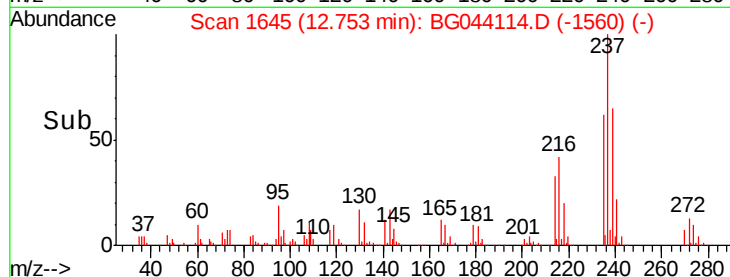
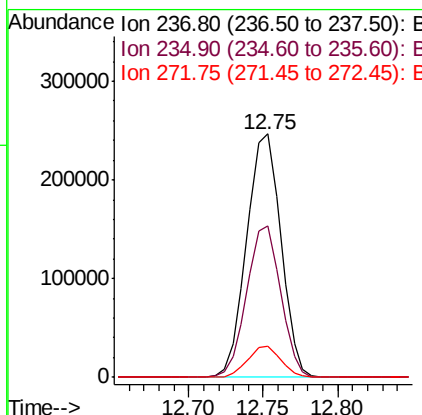
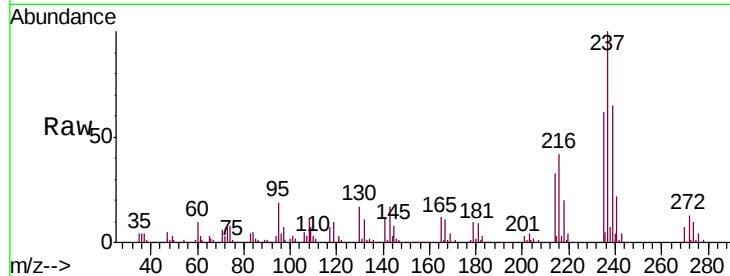




#41
Hexachlorocyclopentadiene
Concen: 105.102 ng
RT: 12.75 min Scan# 1645
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

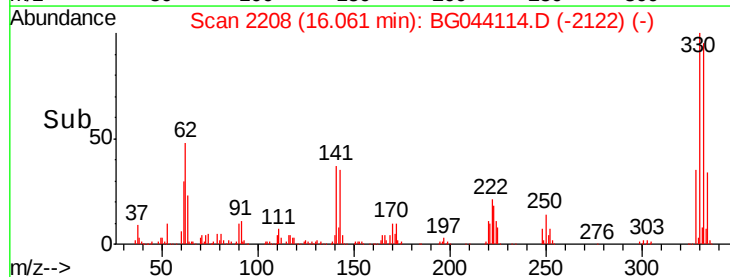
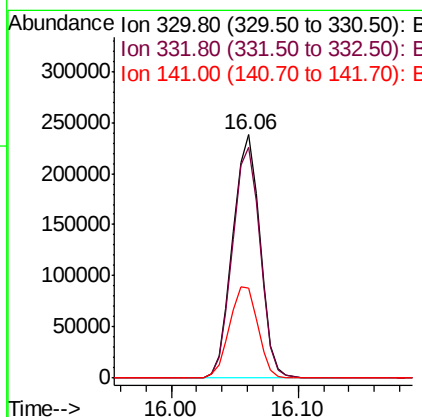
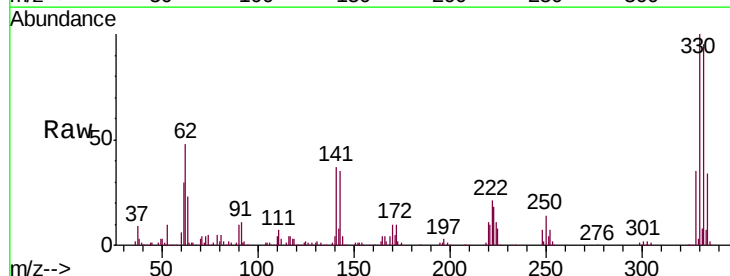
Instrument :
BNA_G
ClientSampleId :
EP-3MS

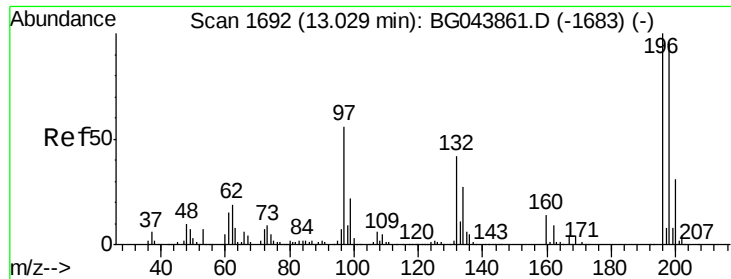
Tgt Ion: 237 Resp: 391666
Ion Ratio Lower Upper
237 100
235 62.4 41.1 81.1
272 13.0 0.0 31.7



#42
2,4,6-Tribromophenol
Concen: 138.502 ng
RT: 16.06 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion: 330 Resp: 355451
Ion Ratio Lower Upper
330 100
332 96.1 77.2 115.8
141 39.0 33.1 49.7

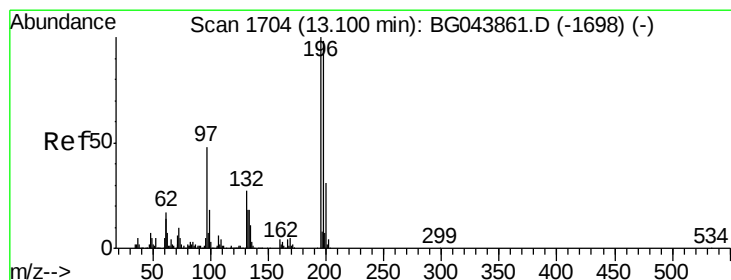
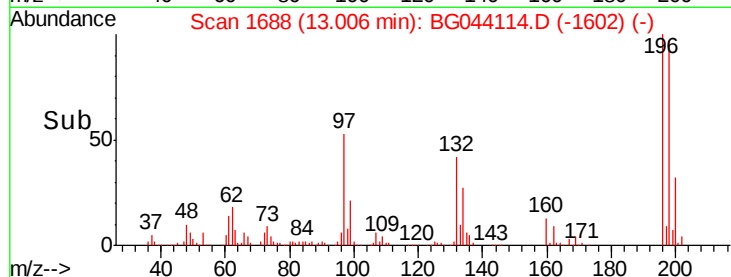
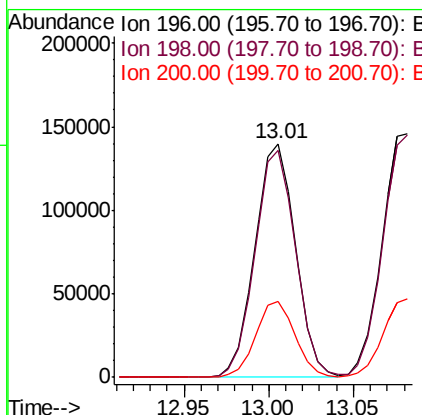
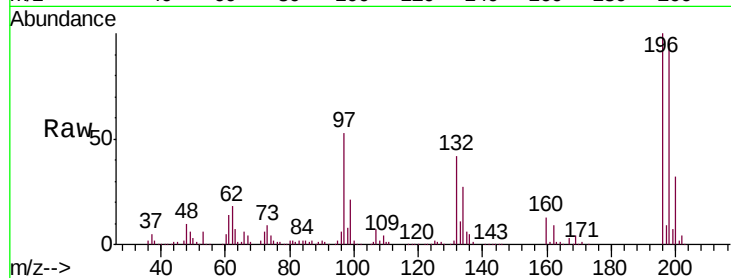




#43
 2,4,6-Trichlorophenol
 Concen: 47.213 ng
 RT: 13.01 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BG044114.D
 Acq: 21 Jan 2020 1:33

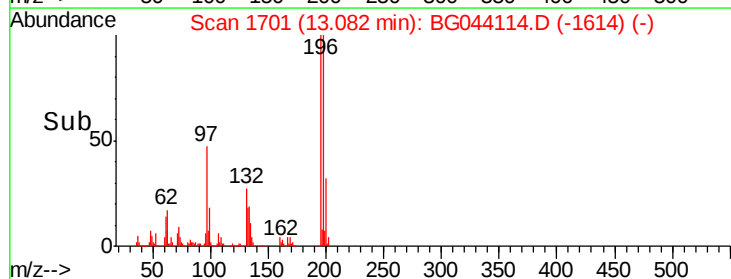
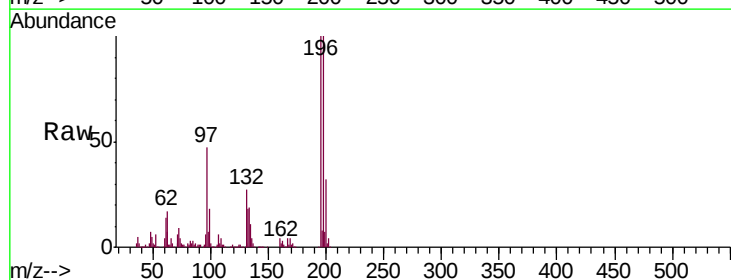
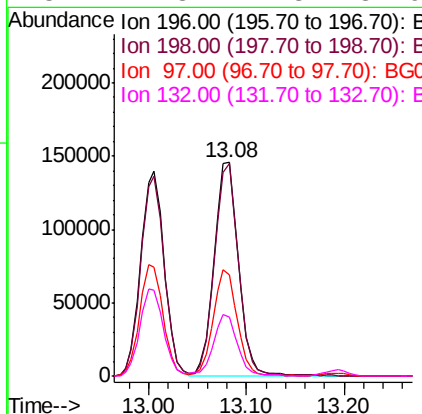
Instrument :
 BNA_G
 ClientSampled :
 EP-3MS

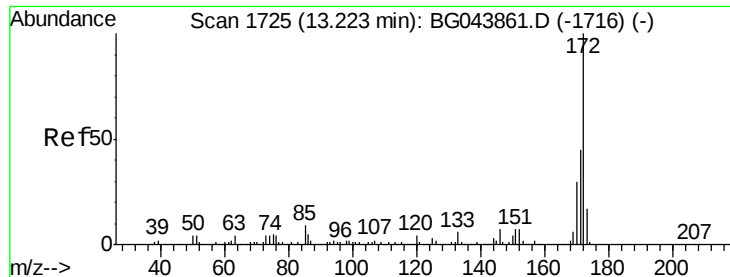
Tgt Ion:196 Resp: 233512
 Ion Ratio Lower Upper
 196 100
 198 97.4 76.6 115.0
 200 32.3 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 49.438 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG044114.D
 Acq: 21 Jan 2020 1:33

Tgt Ion:196 Resp: 252193
 Ion Ratio Lower Upper
 196 100
 198 99.7 78.3 117.5
 97 47.4 38.8 58.2
 132 27.3 21.3 31.9

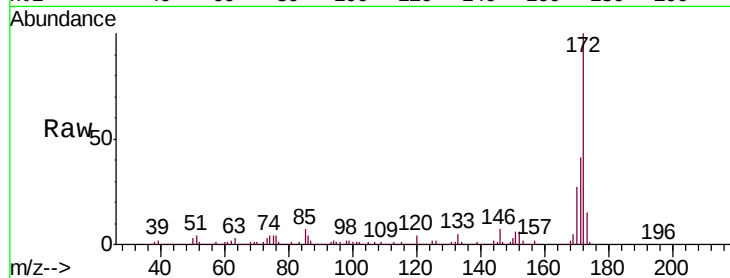




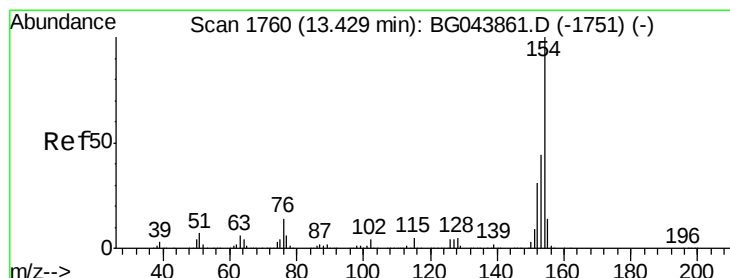
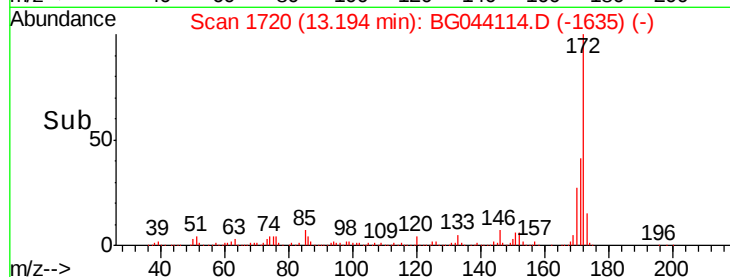
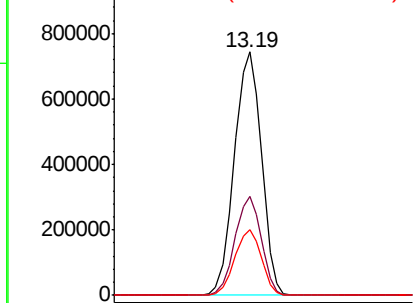
#45
 2-Fluorobiphenyl
 Concen: 89.170 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.03 min
 Lab File: BG044114.D
 Acq: 21 Jan 2020 1:33

Instrument :
 BNA_G
 ClientSampleId :
 EP-3MS

Tgt Ion:172 Resp: 1207001
 Ion Ratio Lower Upper
 172 100
 171 40.8 35.8 53.8
 170 27.0 24.2 36.4

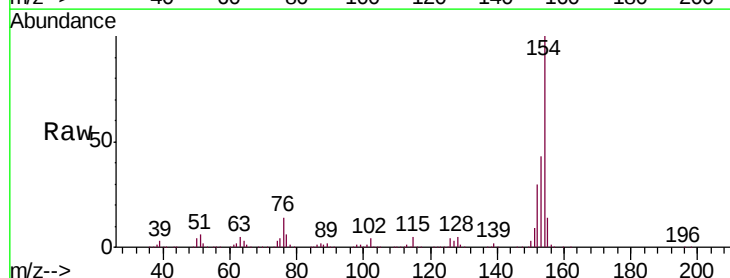


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

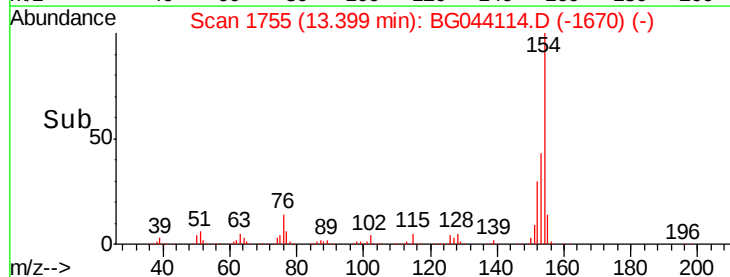
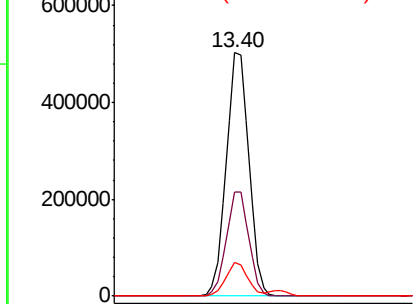


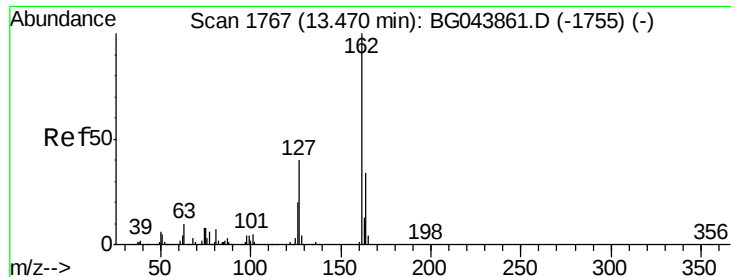
#46
 1,1'-Biphenyl
 Concen: 45.899 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.03 min
 Lab File: BG044114.D
 Acq: 21 Jan 2020 1:33

Tgt Ion:154 Resp: 807059
 Ion Ratio Lower Upper
 154 100
 153 42.7 23.6 63.6
 76 13.8 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: 44.547 ng

RT: 13.44 min Scan# 1762

Delta R.T. -0.03 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Instrument :

BNA_G

ClientSampleId :

EP-3MS

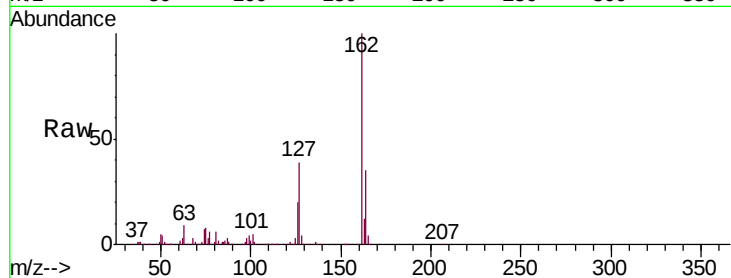
Tgt Ion: 162 Resp: 632940

Ion Ratio Lower Upper

162 100

127 38.8 32.1 48.1

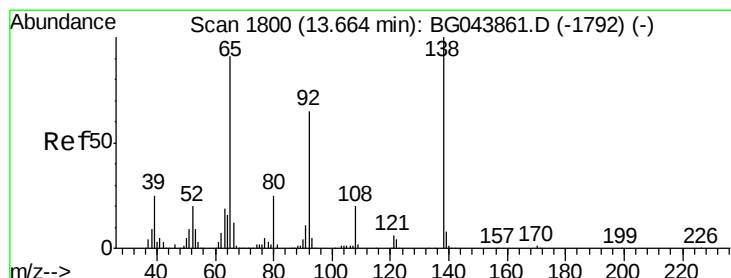
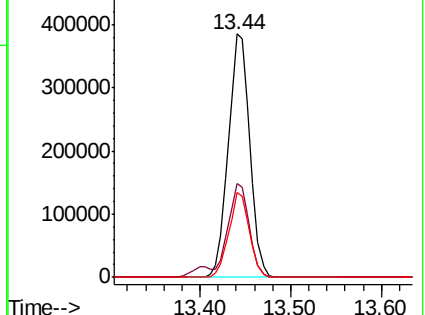
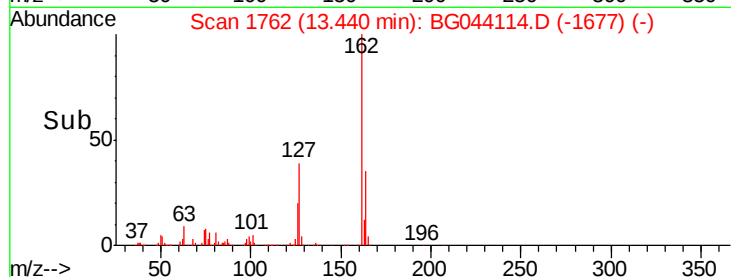
164 34.8 27.5 41.3



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: 43.636 ng

RT: 13.64 min Scan# 1796

Delta R.T. -0.02 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

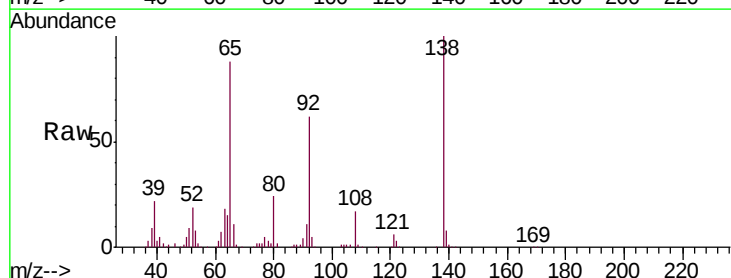
Tgt Ion: 65 Resp: 199439

Ion Ratio Lower Upper

65 100

92 70.4 57.4 86.2

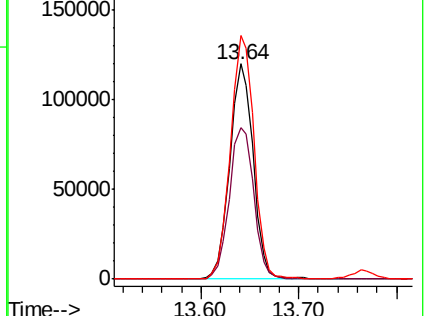
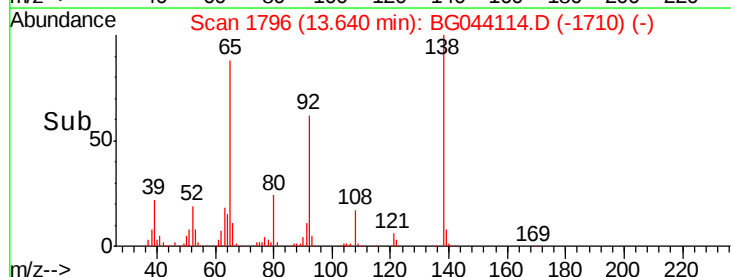
138 113.0 88.2 132.4

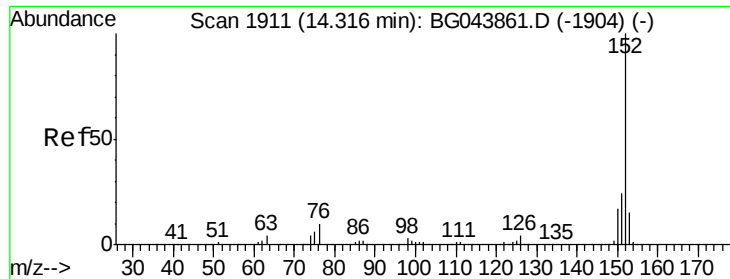


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 49.909 ng

RT: 14.29 min Scan# 1907

Delta R.T. -0.02 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Instrument :

BNA_G

ClientSampleId :

EP-3MS

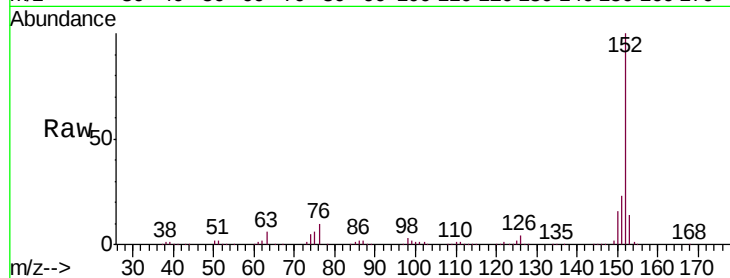
Tgt Ion:152 Resp: 1019235

Ion Ratio Lower Upper

152 100

151 22.8 19.4 29.2

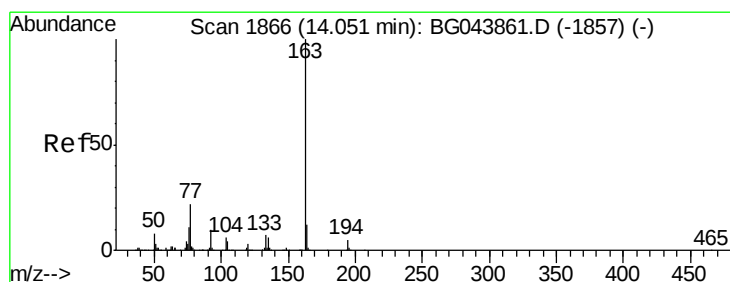
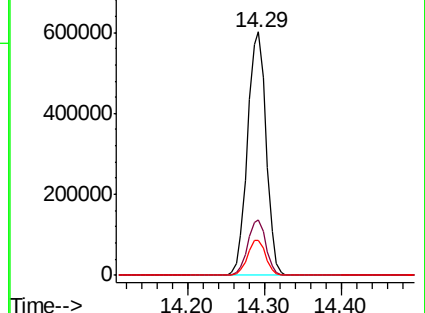
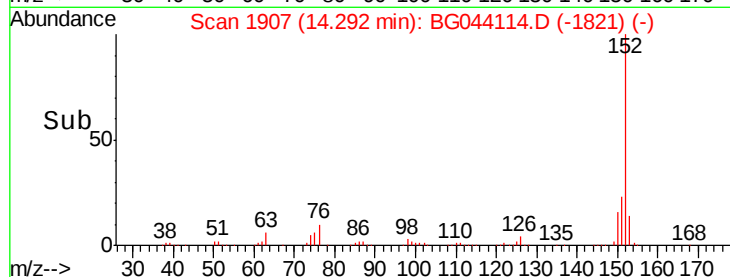
153 14.2 12.0 18.0



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: 52.643 ng

RT: 14.03 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

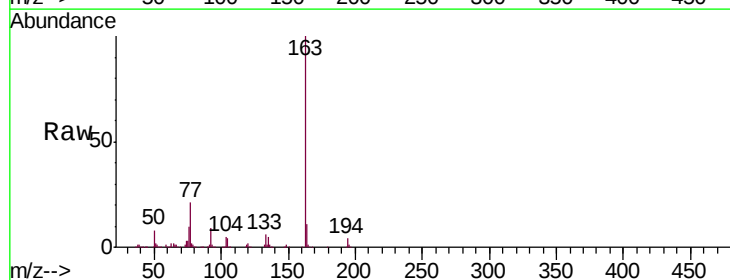
Tgt Ion:163 Resp: 916672

Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

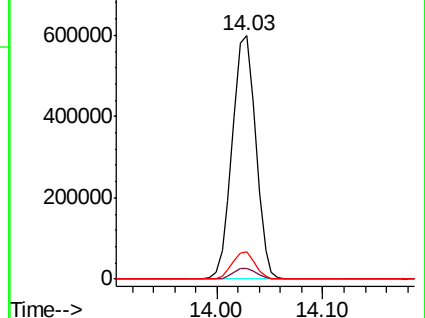
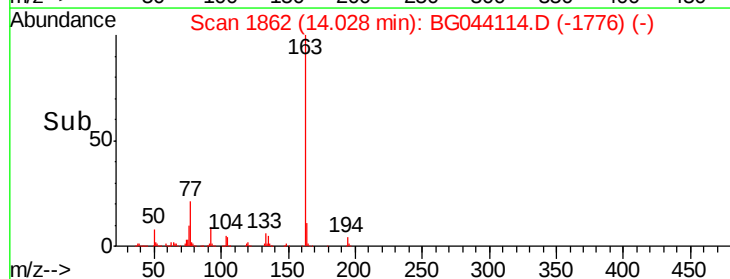
164 11.1 9.3 13.9

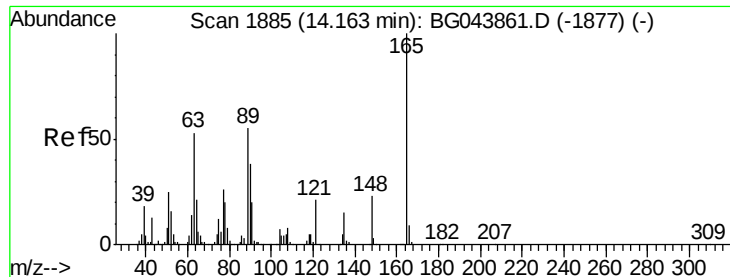


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

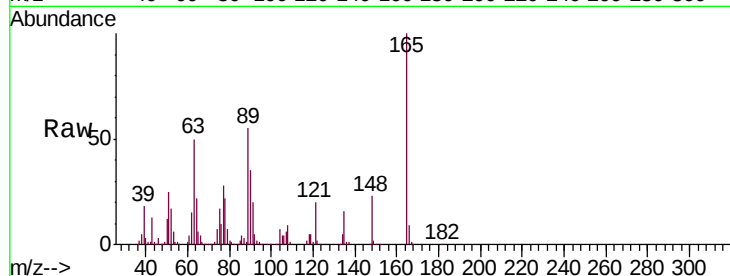




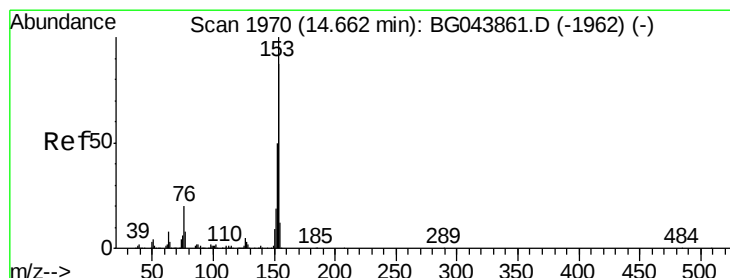
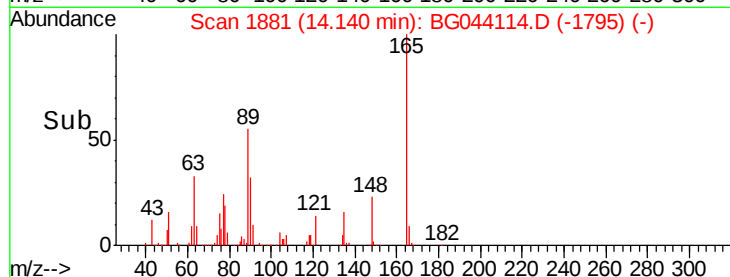
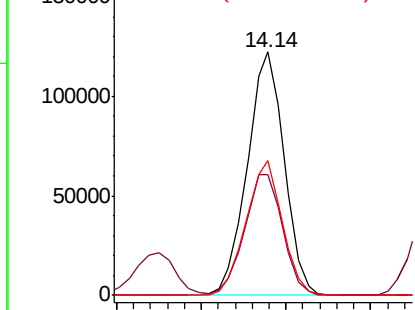
#51
2,6-Dinitrotoluene
Concen: 47.176 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Instrument :
BNA_G
ClientSampleId :
EP-3MS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.7	43.1	64.7
89	55.2	43.8	65.6

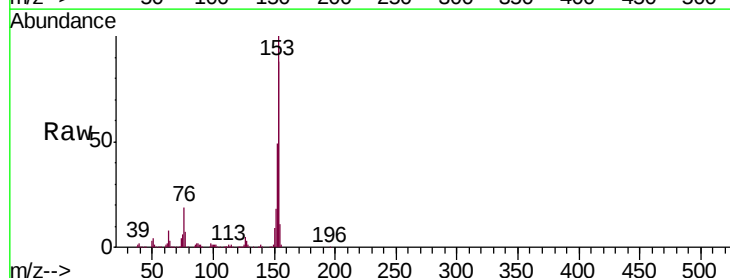


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

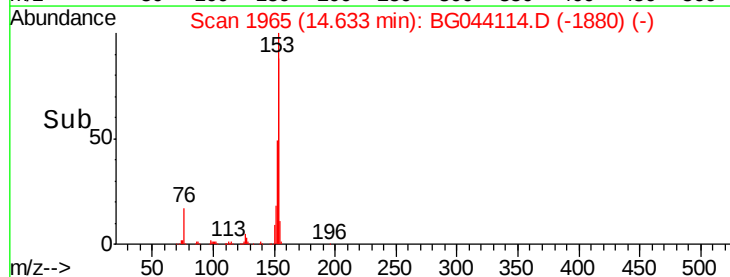
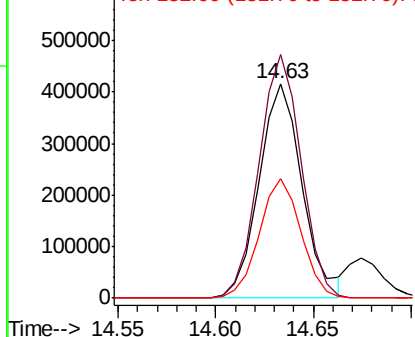


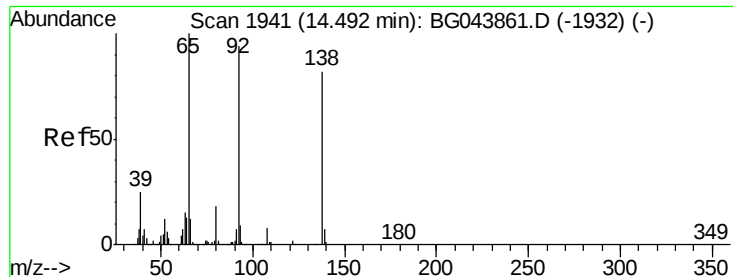
#52
Acenaphthene
Concen: 44.377 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.4	91.6	137.4
152	55.7	45.4	68.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

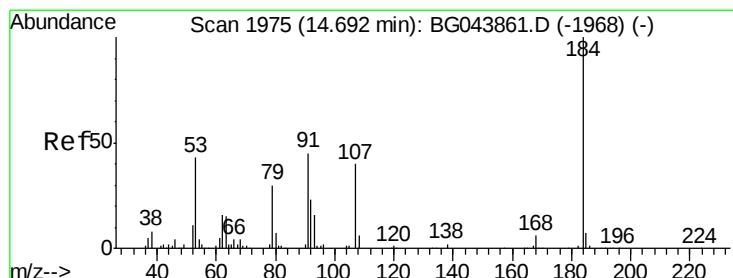
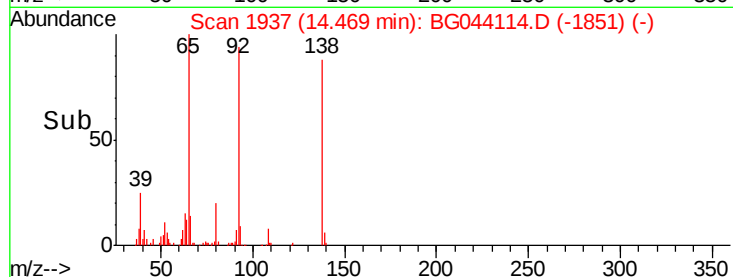
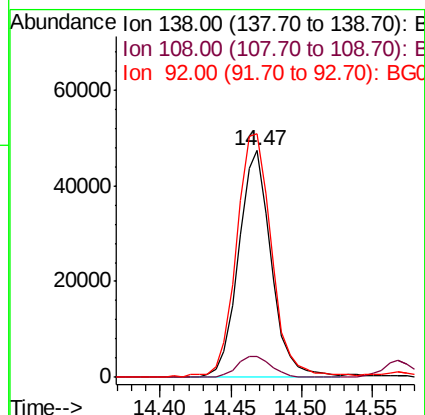
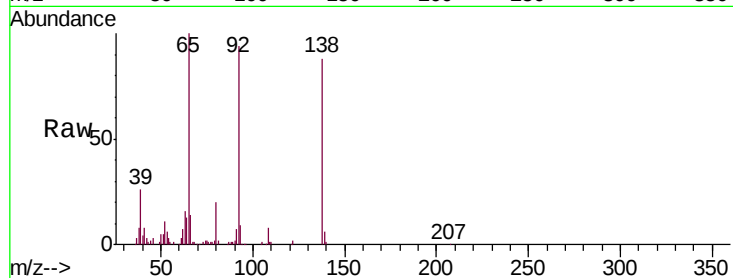




#53
3-Nitroaniline
Concen: 17.137 ng
RT: 14.47 min Scan# 1937
Delta R.T. -0.02 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

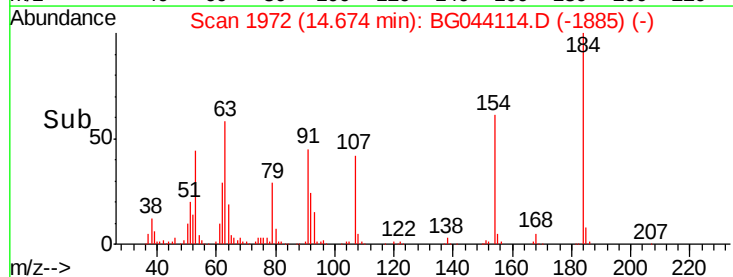
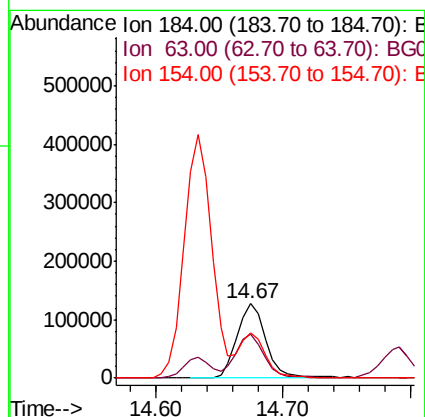
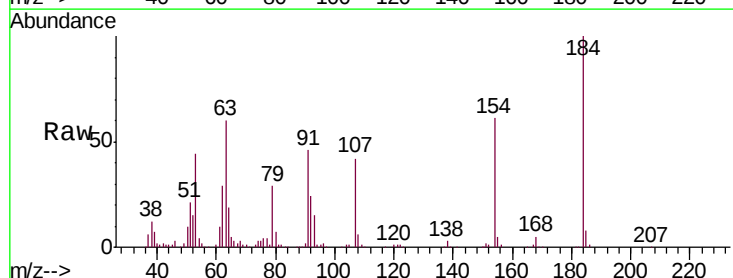
Instrument :
BNA_G
ClientSampleId :
EP-3MS

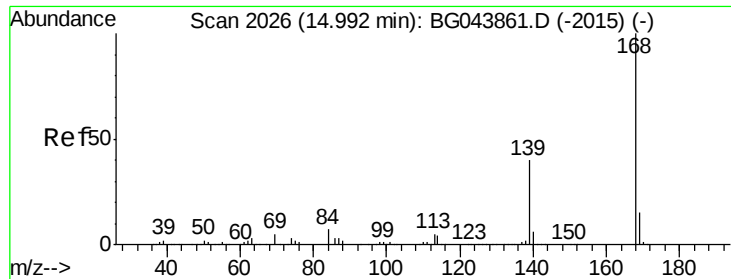
Tgt Ion:138 Resp: 76594
Ion Ratio Lower Upper
138 100
108 9.1 7.4 11.2
92 107.5 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 98.656 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.02 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion:184 Resp: 200565
Ion Ratio Lower Upper
184 100
63 59.9 46.6 70.0
154 60.5 50.2 75.4

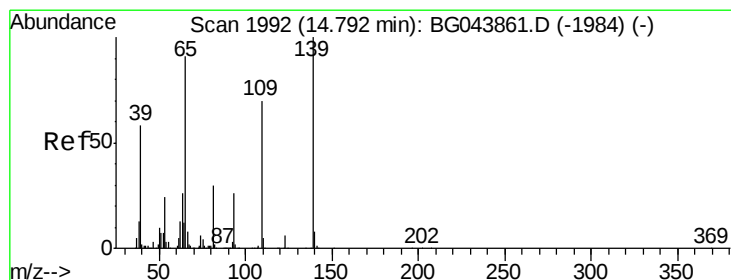
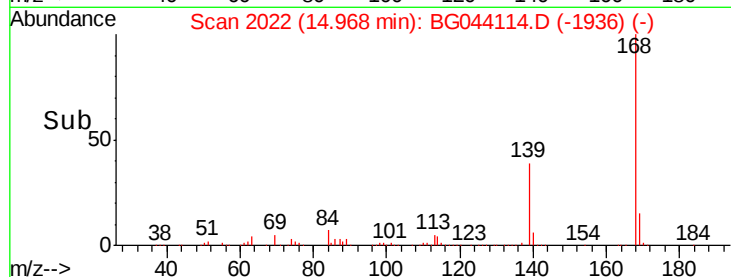
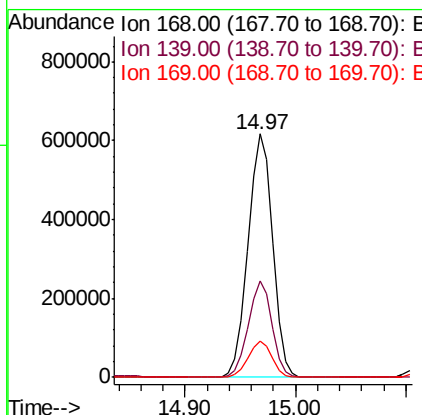
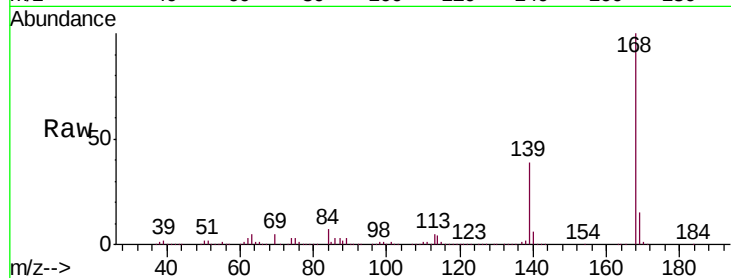




#55
Dibenzenofuran
Concen: 49.032 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

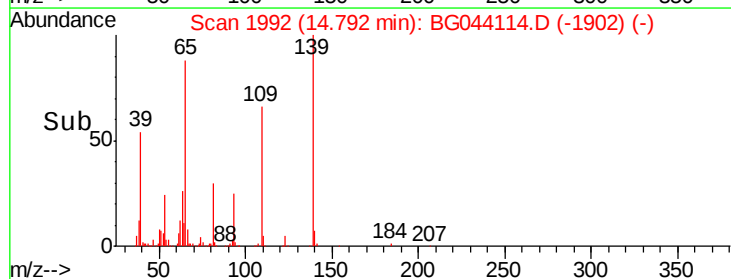
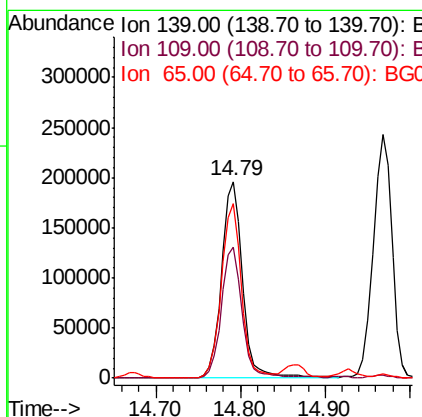
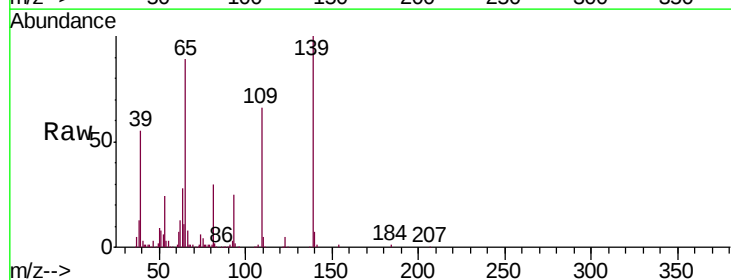
Instrument :
BNA_G
ClientSampleId :
EP-3MS

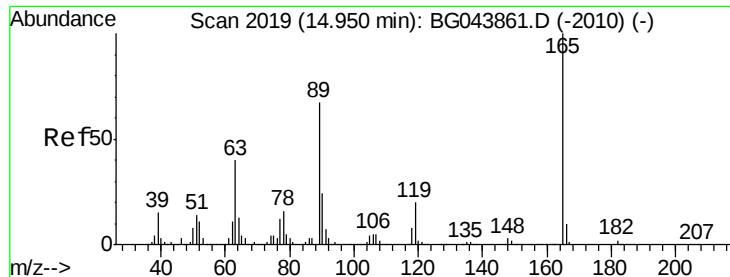
Tgt Ion:168 Resp: 966687
Ion Ratio Lower Upper
168 100
139 39.4 32.2 48.2
169 15.0 12.2 18.2



#56
4-Nitrophenol
Concen: 98.937 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion:139 Resp: 338853
Ion Ratio Lower Upper
139 100
109 66.4 50.4 90.4
65 88.5 71.4 111.4

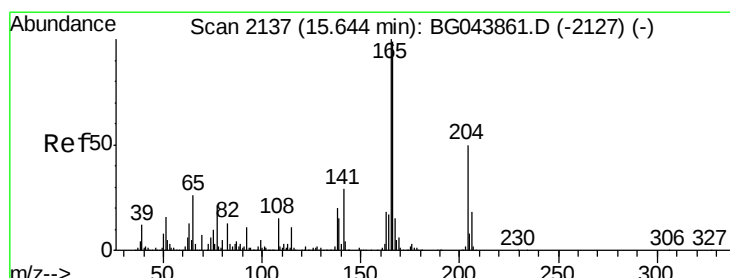
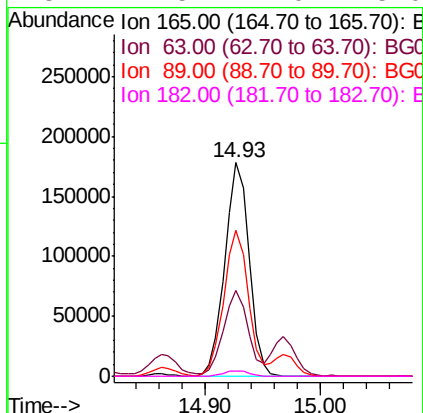
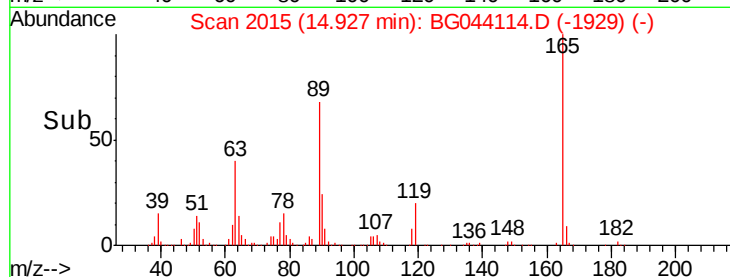
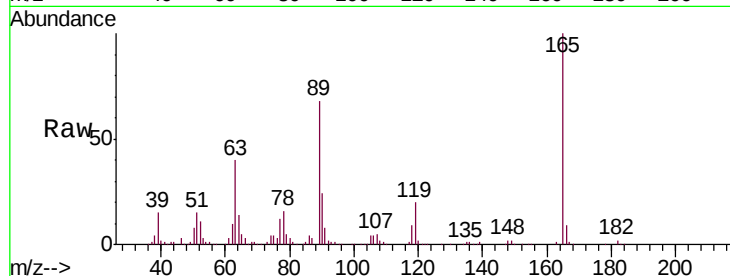




#57
2,4-Dinitrotoluene
Concen: 48.686 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

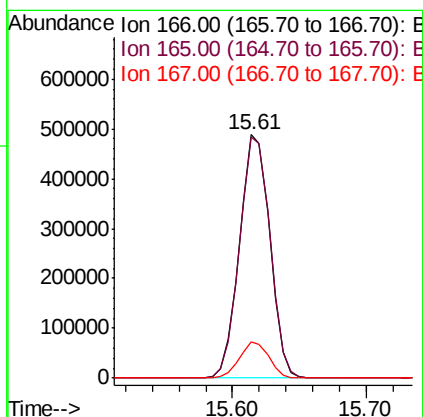
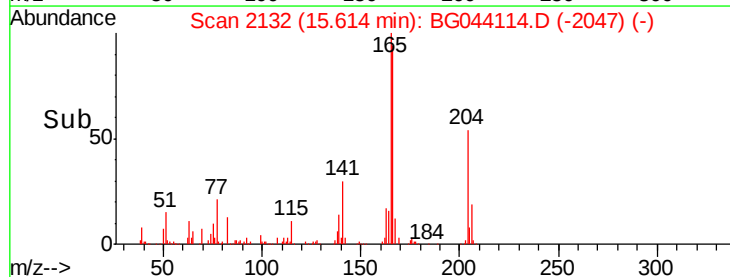
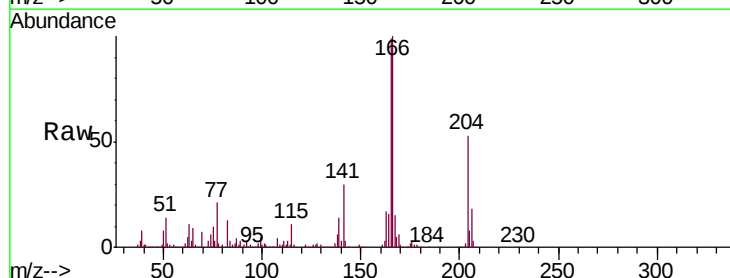
Instrument :
BNA_G
ClientSampleId :
EP-3MS

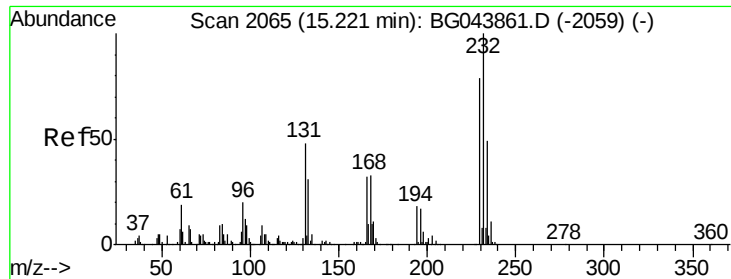
Tgt Ion:165 Resp: 260731
Ion Ratio Lower Upper
165 100
63 40.1 31.9 47.9
89 68.2 53.8 80.6
182 2.5 2.0 3.0



#58
Fluorene
Concen: 49.086 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion:166 Resp: 767037
Ion Ratio Lower Upper
166 100
165 98.8 80.8 121.2
167 14.6 12.1 18.1

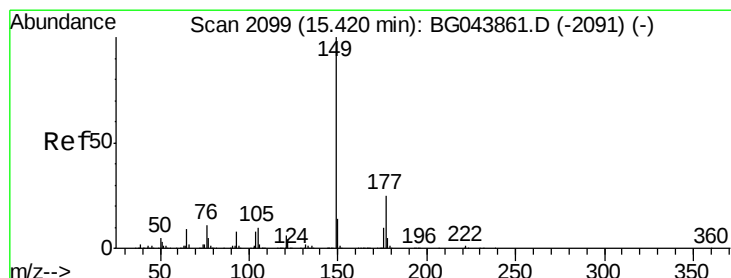
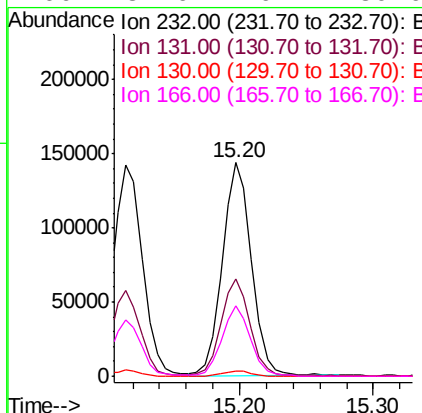
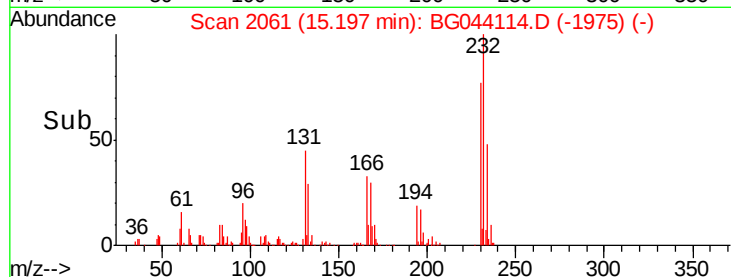
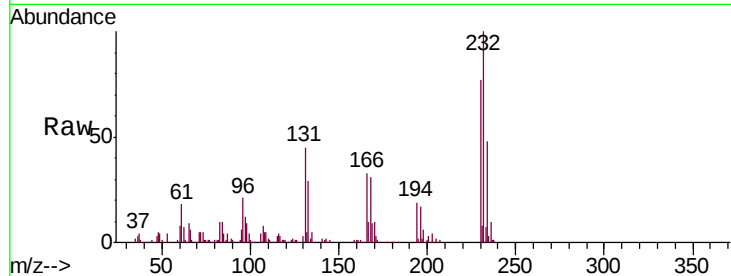




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.889 ng
 RT: 15.20 min Scan# 2061
 Delta R.T. -0.02 min
 Lab File: BG044114.D
 Acq: 21 Jan 2020 1:33

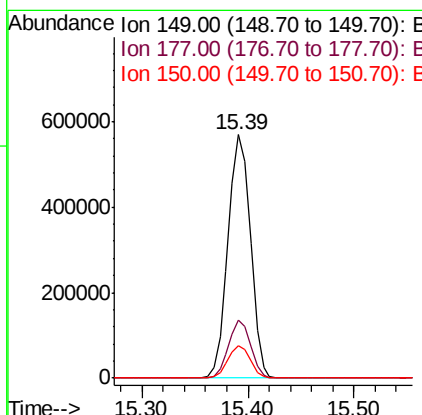
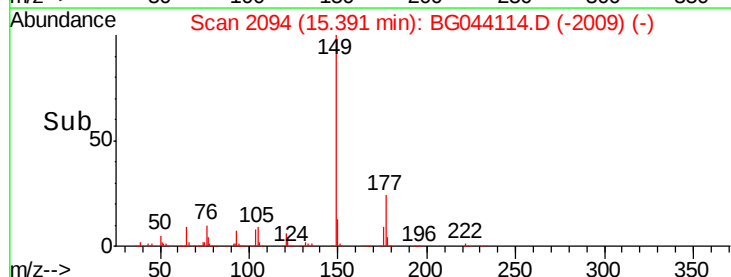
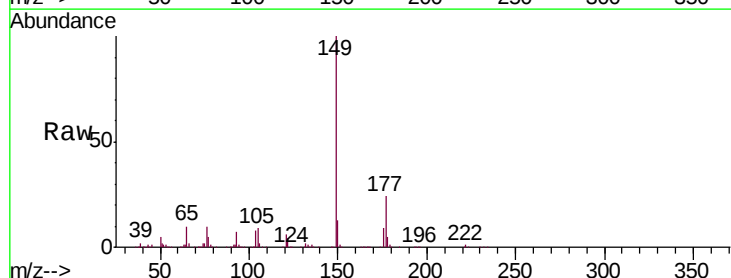
Instrument :
 BNA_G
 ClientSampleId :
 EP-3MS

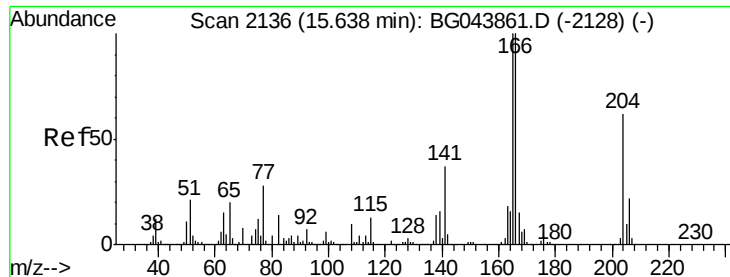
Tgt Ion:	232	Resp:	218834
Ion	Ratio	Lower	Upper
232	100		
131	45.1	38.2	57.2
130	2.5	2.2	3.2
166	32.6	26.4	39.6



#60
 Diethylphthalate
 Concen: 47.918 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.03 min
 Lab File: BG044114.D
 Acq: 21 Jan 2020 1:33

Tgt Ion:	149	Resp:	834555
Ion	Ratio	Lower	Upper
149	100		
177	23.8	20.0	30.0
150	13.4	11.1	16.7

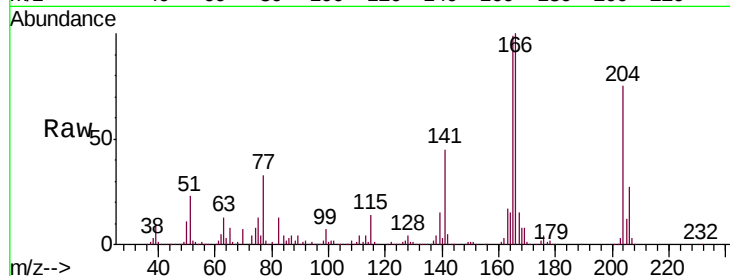




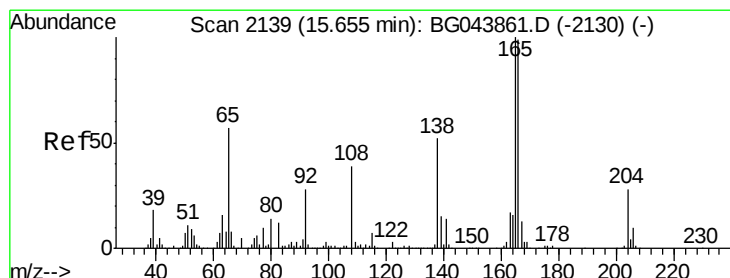
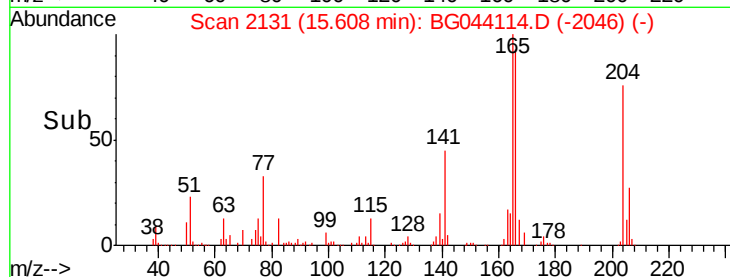
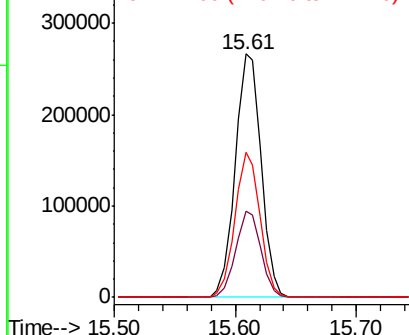
#61
 4-Chlorophenyl-phenylether
 Concen: 46.834 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. -0.03 min
 Lab File: BG044114.D
 Acq: 21 Jan 2020 1:33

Instrument :
 BNA_G
 ClientSampleId :
 EP-3MS

Tgt Ion:204 Resp: 397391
 Ion Ratio Lower Upper
 204 100
 206 35.6 28.2 42.2
 141 59.7 48.2 72.2

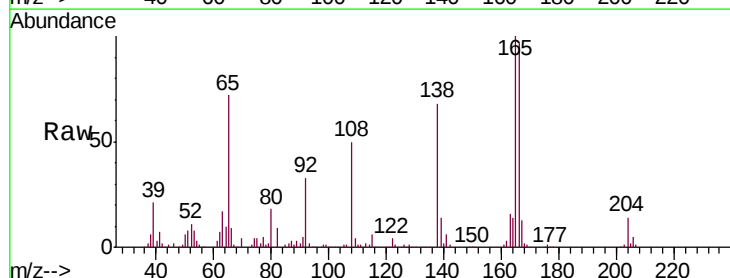


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

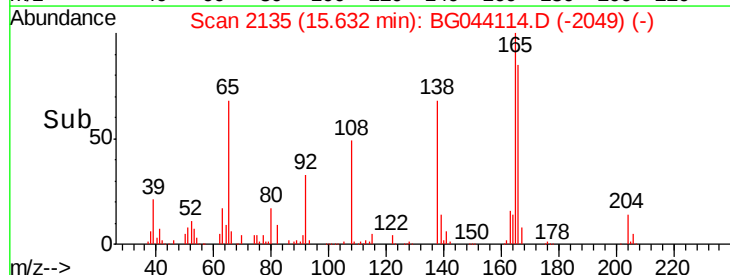
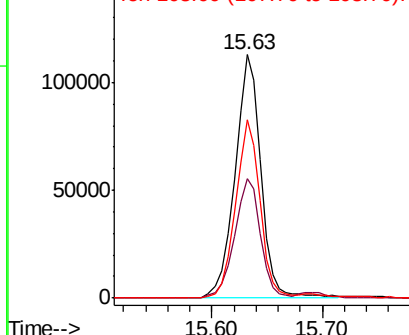


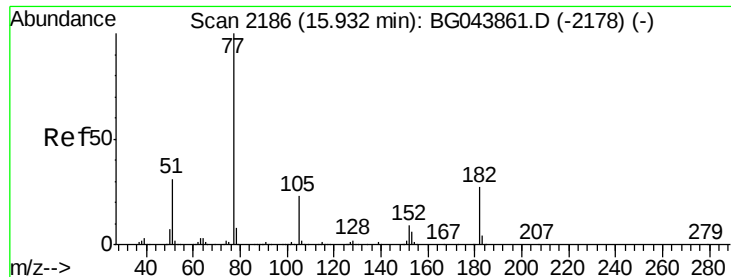
#62
 4-Nitroaniline
 Concen: 42.046 ng
 RT: 15.63 min Scan# 2135
 Delta R.T. -0.02 min
 Lab File: BG044114.D
 Acq: 21 Jan 2020 1:33

Tgt Ion:138 Resp: 185574
 Ion Ratio Lower Upper
 138 100
 92 48.9 34.3 74.3
 108 73.5 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

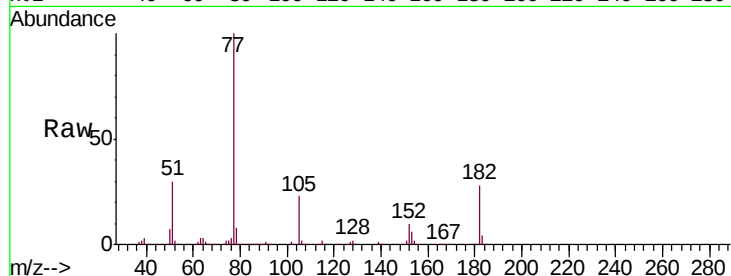




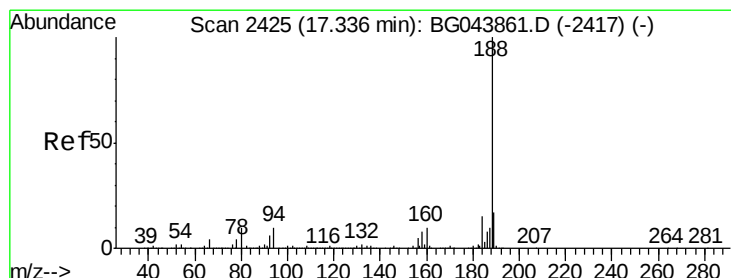
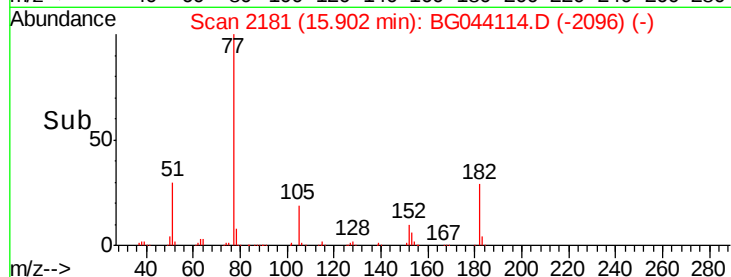
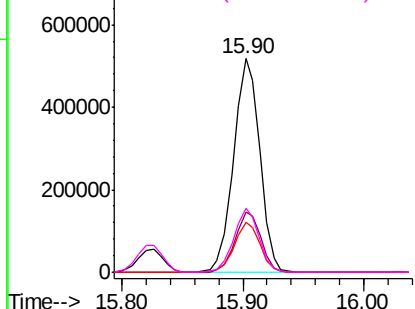
#63
Azobenzene
Concen: 48.284 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Instrument :
BNA_G
ClientSampleId :
EP-3MS

Tgt Ion:	77	Resp:	779884
Ion	Ratio	Lower	Upper
77	100		
182	28.0	7.3	47.3
105	23.5	3.2	43.2
51	30.0	10.6	50.6

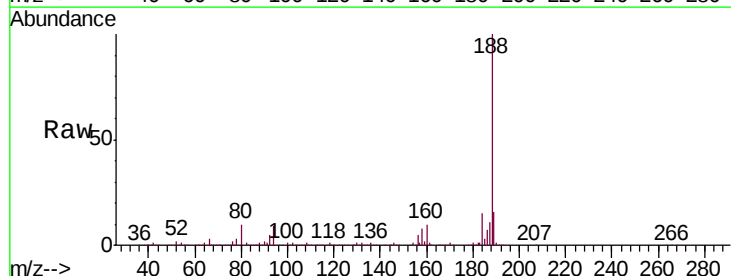


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

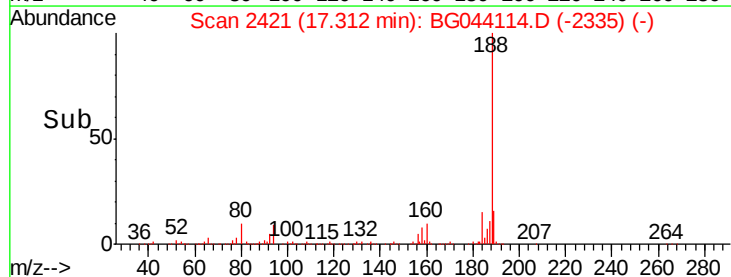
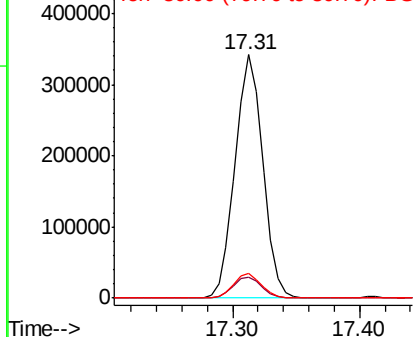


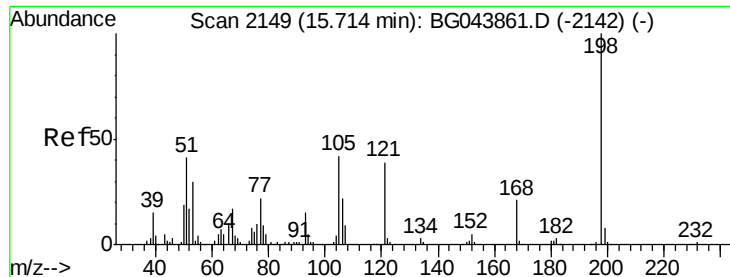
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion:	188	Resp:	517993
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.9	11.9
80	9.9	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

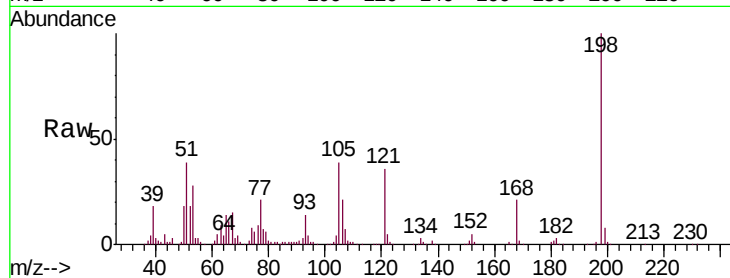




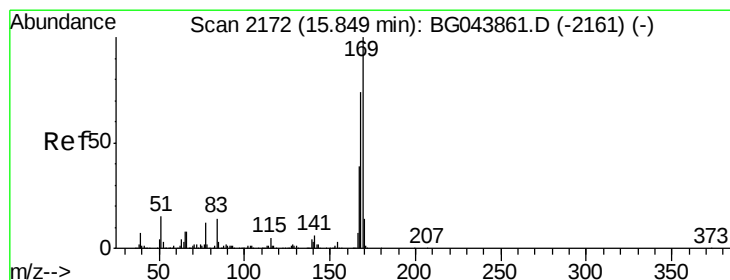
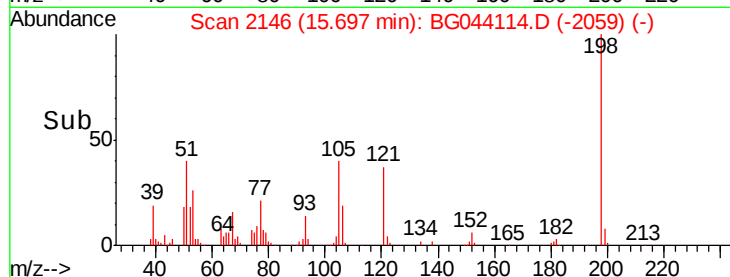
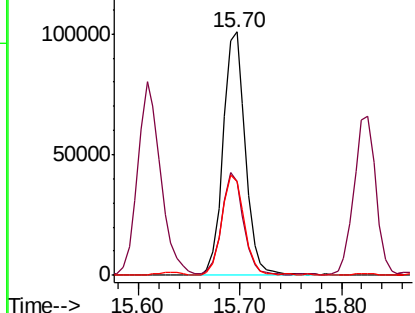
#65
 4,6-Dinitro-2-methylphenol
 Concen: 56.572 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.02 min
 Lab File: BG044114.D
 Acq: 21 Jan 2020 1:33

Instrument :
 BNA_G
 ClientSampleId :
 EP-3MS

Tgt Ion:198 Resp: 153283
 Ion Ratio Lower Upper
 198 100
 51 38.7 22.5 62.5
 105 38.6 22.3 62.3

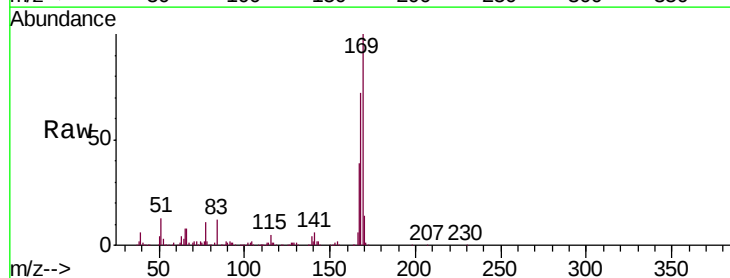


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

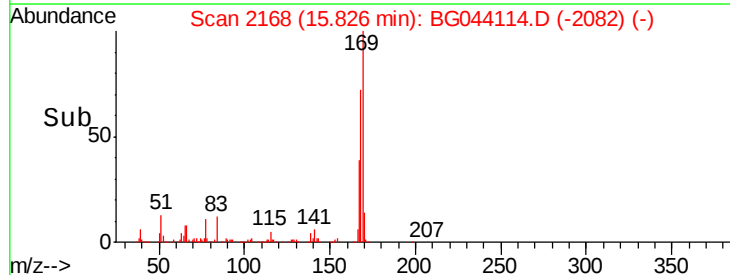
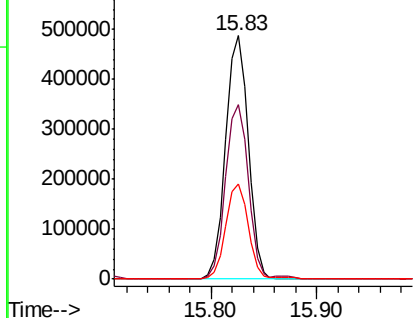


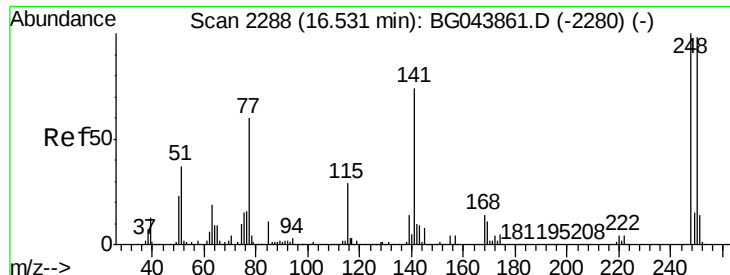
#66
 n-Nitrosodiphenylamine
 Concen: 47.415 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BG044114.D
 Acq: 21 Jan 2020 1:33

Tgt Ion:169 Resp: 723277
 Ion Ratio Lower Upper
 169 100
 168 71.7 59.0 88.6
 167 39.0 31.4 47.0



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

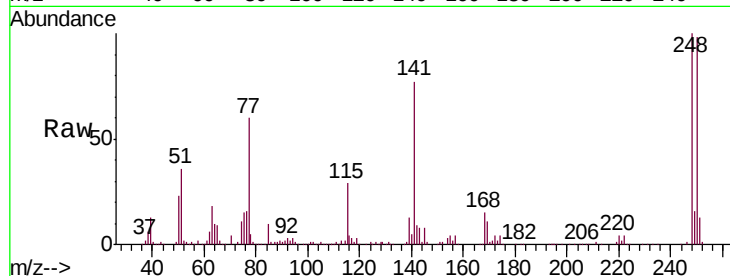




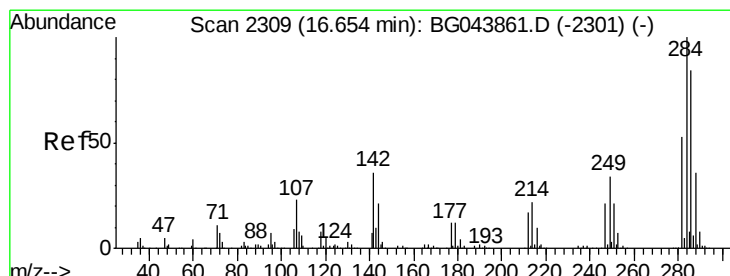
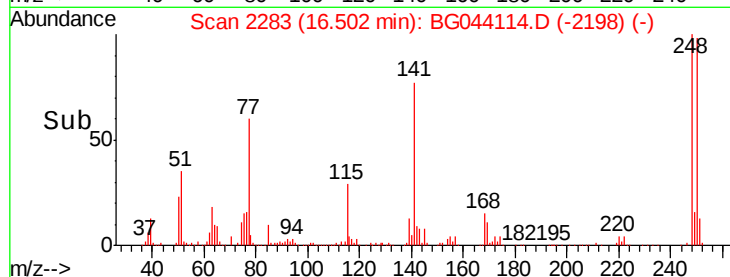
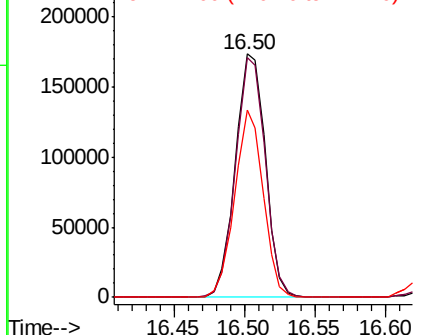
#67
4-Bromophenyl-phenylether
Concen: 44.322 ng
RT: 16.50 min Scan# 2283
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Instrument :
BNA_G
ClientSampleId :
EP-3MS

Tgt Ion:248 Resp: 258214
Ion Ratio Lower Upper
248 100
250 98.3 78.2 117.2
141 76.7 59.3 88.9

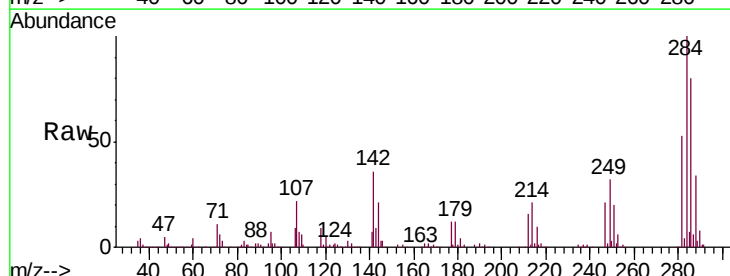


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

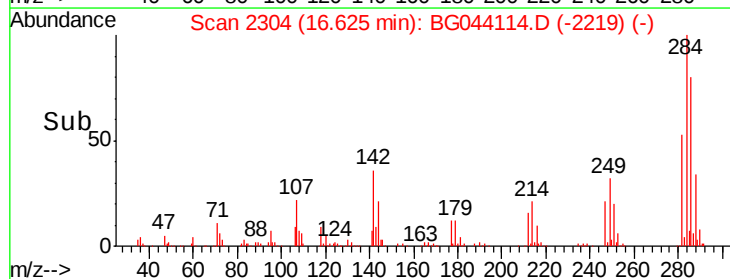
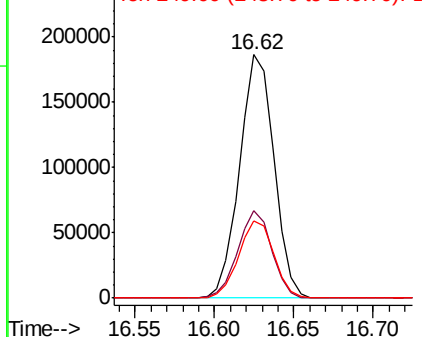


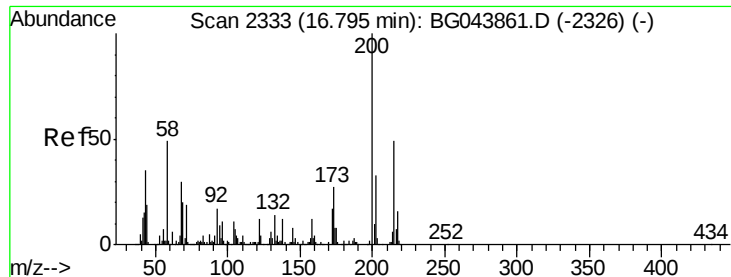
#68
Hexachlorobenzene
Concen: 44.751 ng
RT: 16.62 min Scan# 2304
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion:284 Resp: 280926
Ion Ratio Lower Upper
284 100
142 35.7 28.6 43.0
249 32.0 27.0 40.6



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





#69

Atrazine

Concen: 53.347 ng

RT: 16.78 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Instrument :

BNA_G

ClientSampled :

EP-3MS

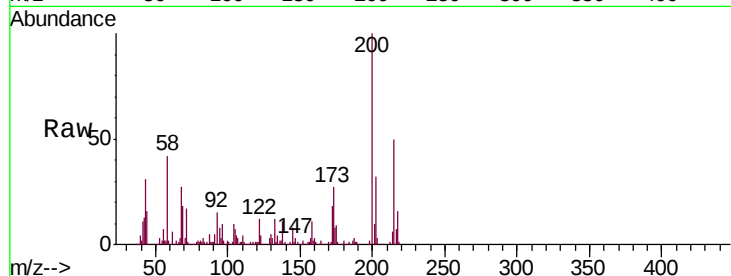
Tgt Ion:200 Resp: 264519

Ion Ratio Lower Upper

200 100

173 27.1 6.6 46.6

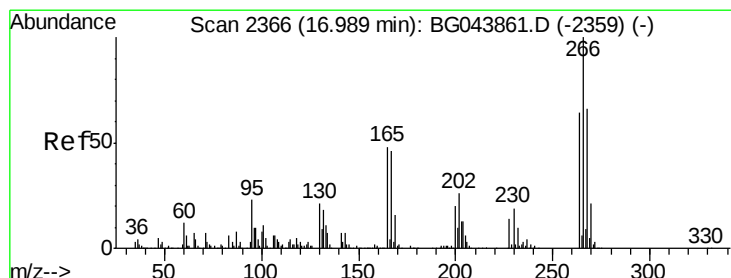
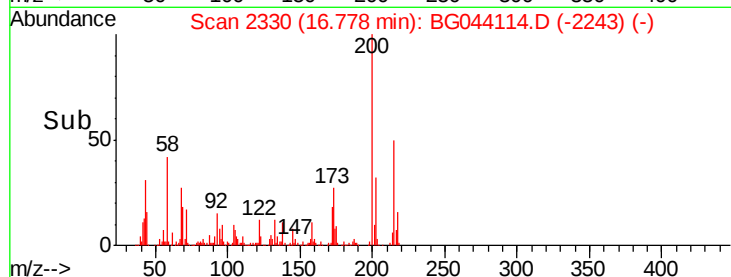
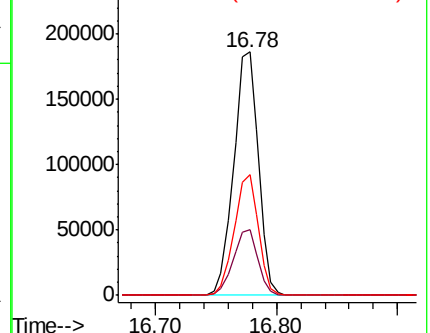
215 49.7 28.6 68.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 86.411 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.02 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

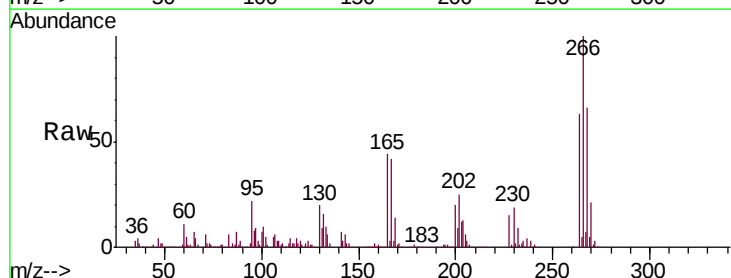
Tgt Ion:266 Resp: 299025

Ion Ratio Lower Upper

266 100

268 66.0 52.6 79.0

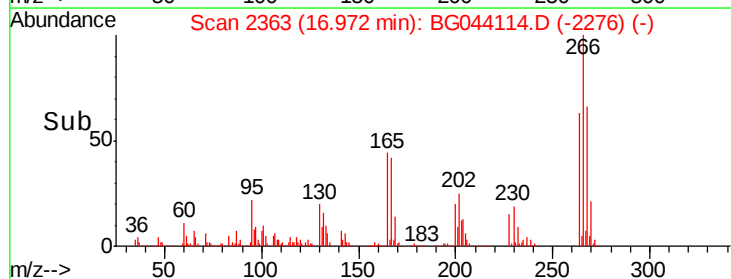
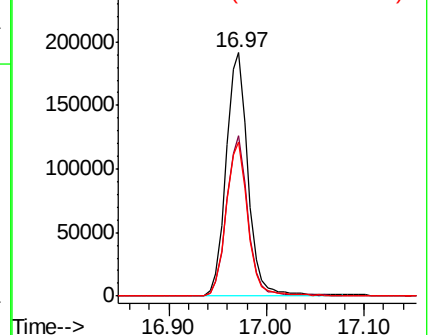
264 63.4 50.8 76.2

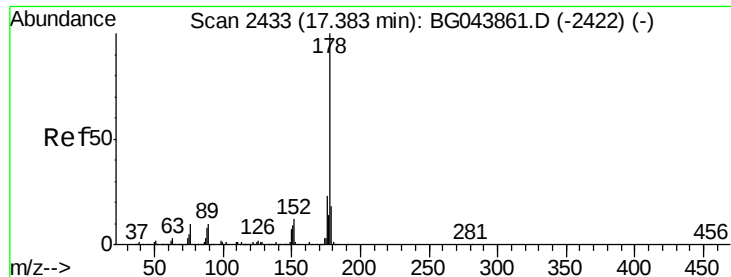


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

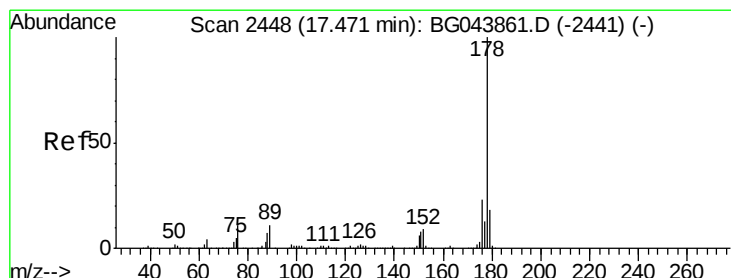
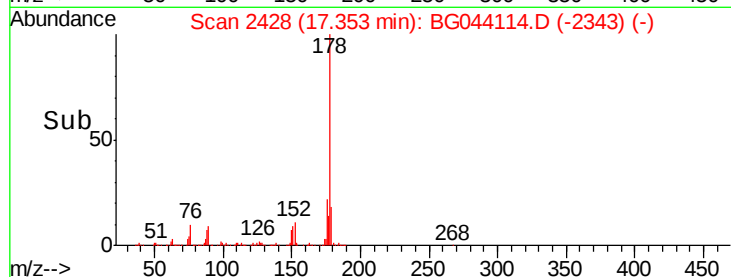
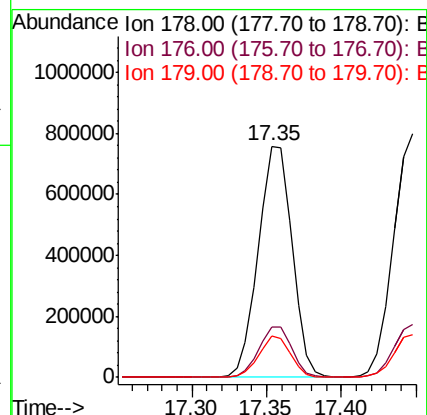
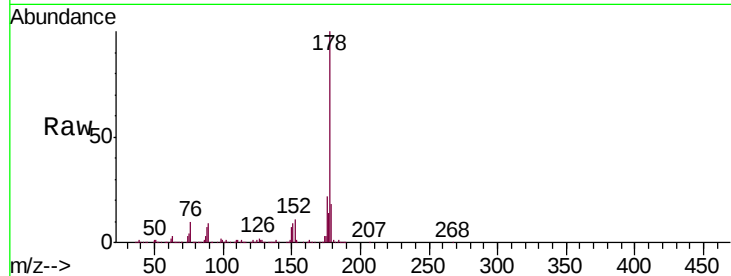




#71
Phenanthrene
Concen: 47.799 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.03 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

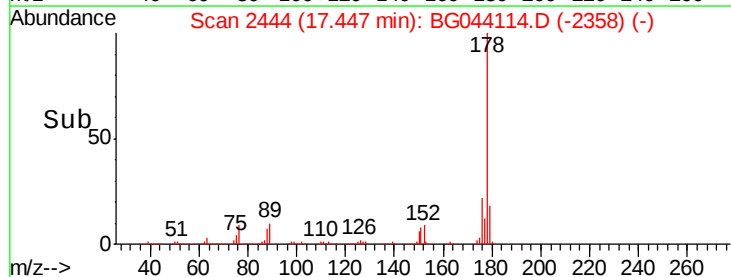
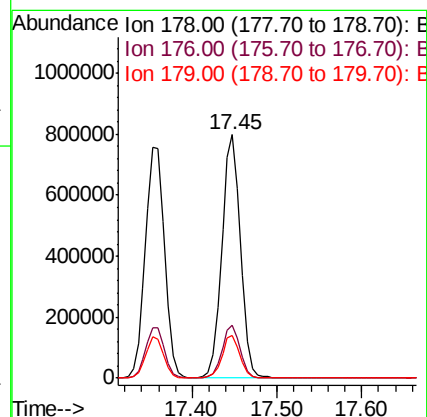
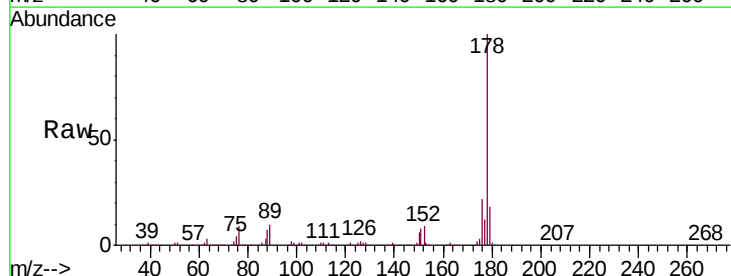
Instrument :
BNA_G
ClientSampleId :
EP-3MS

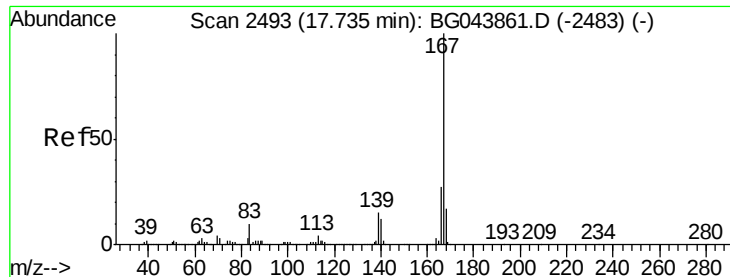
Tgt Ion:178 Resp: 1187600
Ion Ratio Lower Upper
178 100
176 22.1 18.6 28.0
179 18.0 14.4 21.6



#72
Anthracene
Concen: 49.978 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.02 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion:178 Resp: 1227178
Ion Ratio Lower Upper
178 100
176 21.5 18.3 27.5
179 17.5 14.6 22.0

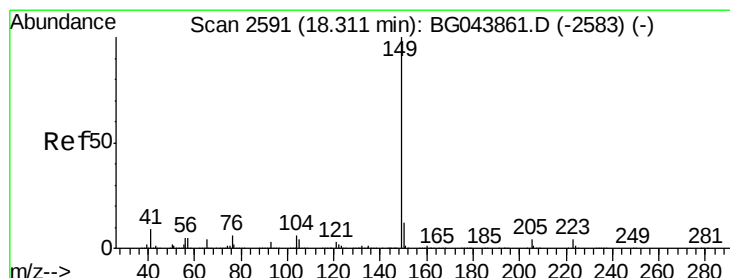
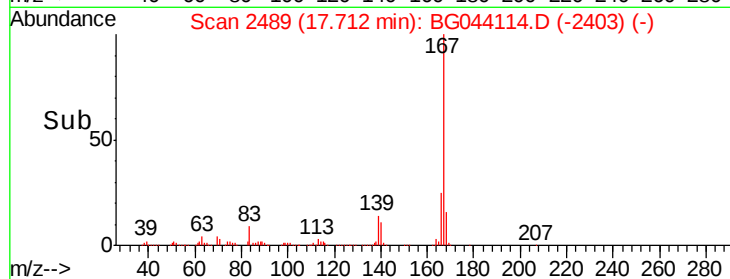
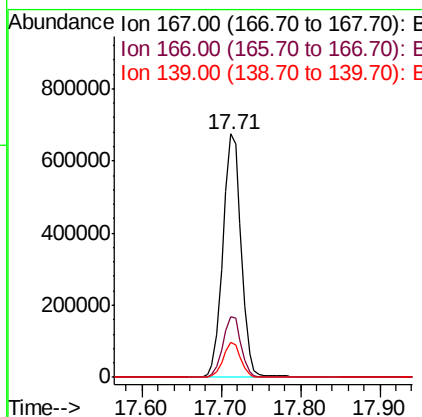
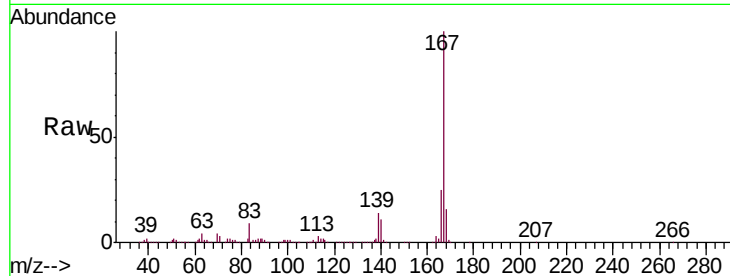




#73
 Carbazole
 Concen: 47.641 ng
 RT: 17.71 min Scan# 2489
 Delta R.T. -0.02 min
 Lab File: BG044114.D
 Acq: 21 Jan 2020 1:33

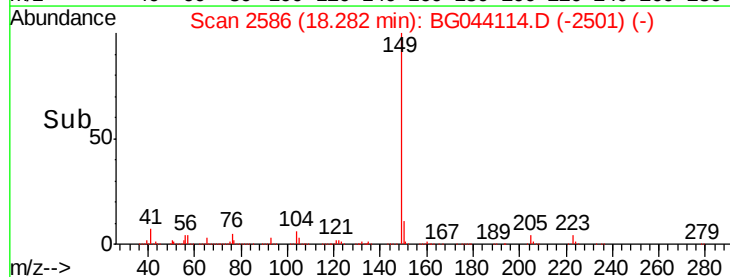
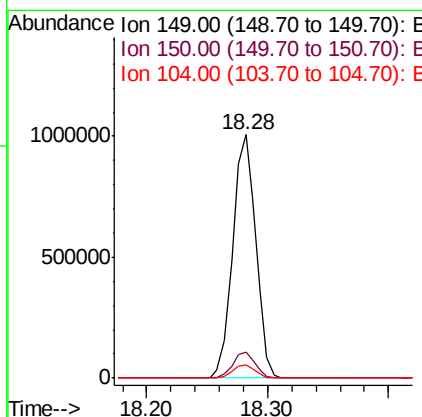
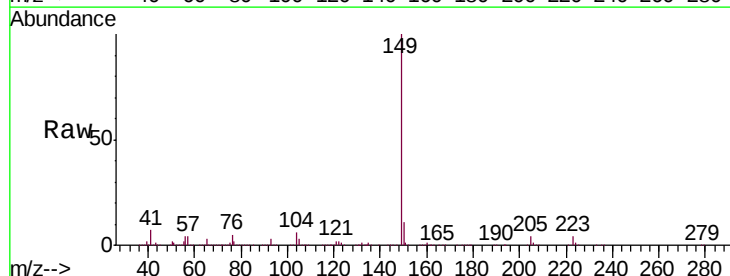
Instrument :
 BNA_G
 ClientSampleId :
 EP-3MS

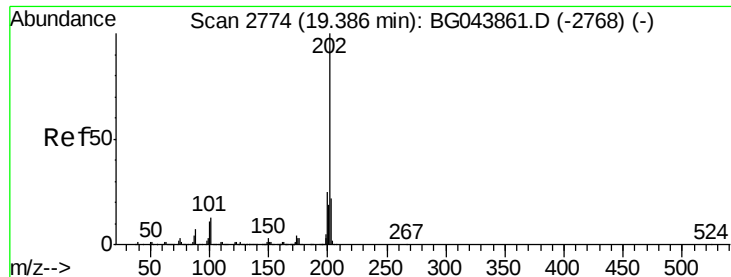
Tgt Ion:167 Resp: 1080563
 Ion Ratio Lower Upper
 167 100
 166 25.0 21.6 32.4
 139 14.2 12.1 18.1



#74
 Di-n-butylphthalate
 Concen: 46.200 ng
 RT: 18.28 min Scan# 2586
 Delta R.T. -0.03 min
 Lab File: BG044114.D
 Acq: 21 Jan 2020 1:33

Tgt Ion:149 Resp: 1337901
 Ion Ratio Lower Upper
 149 100
 150 10.9 9.7 14.5
 104 5.7 5.0 7.4





#75

Fluoranthene

Concen: 47.175 ng

RT: 19.36 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Instrument :

BNA_G

ClientSampleId :

EP-3MS

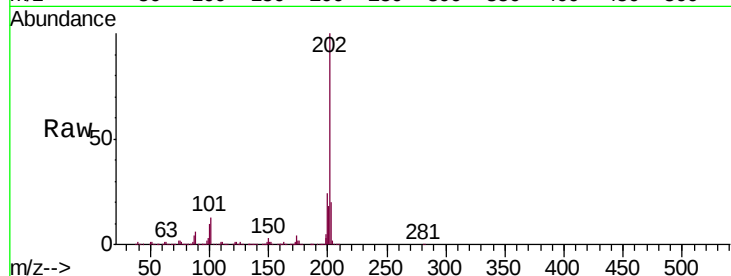
Tgt Ion:202 Resp: 1340442

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.3

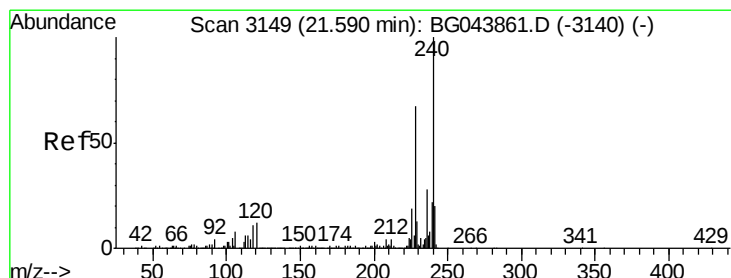
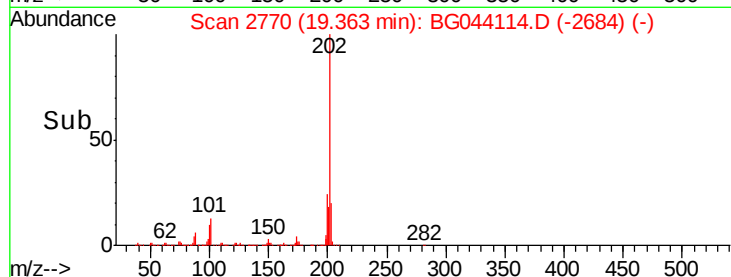
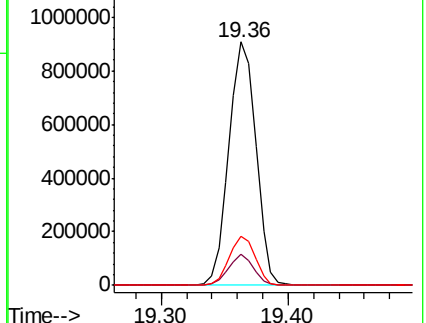
203 20.2 1.6 41.6



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: 21.56 min Scan# 3144

Delta R.T. -0.03 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

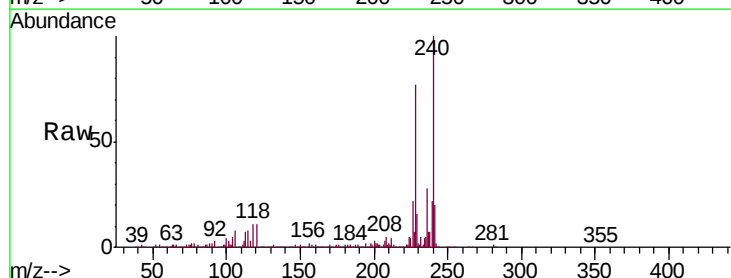
Tgt Ion:240 Resp: 424736

Ion Ratio Lower Upper

240 100

120 11.1 9.6 14.4

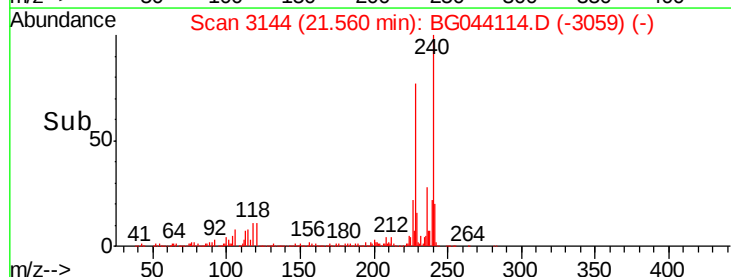
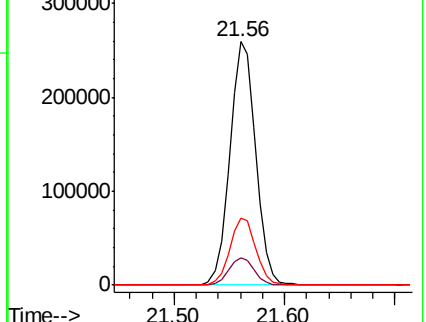
236 27.6 22.2 33.2

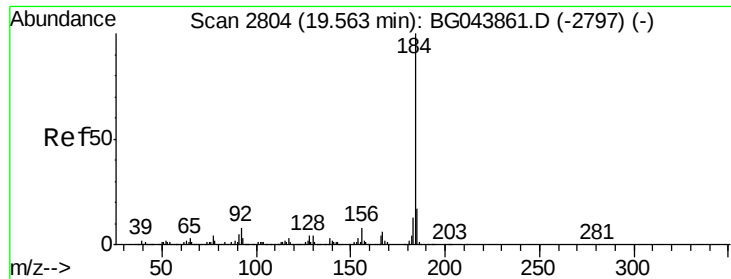


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.943 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.02 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Instrument :

BNA_G

ClientSampled :

EP-3MS

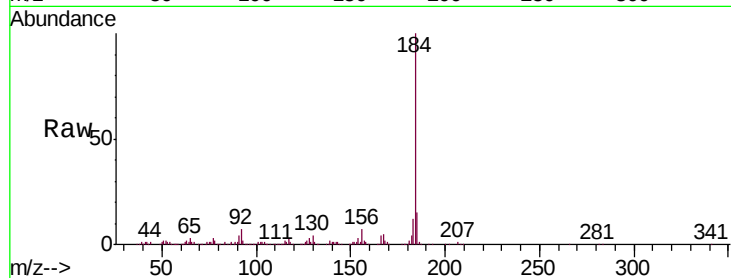
Tgt Ion:184 Resp: 351696

Ion Ratio Lower Upper

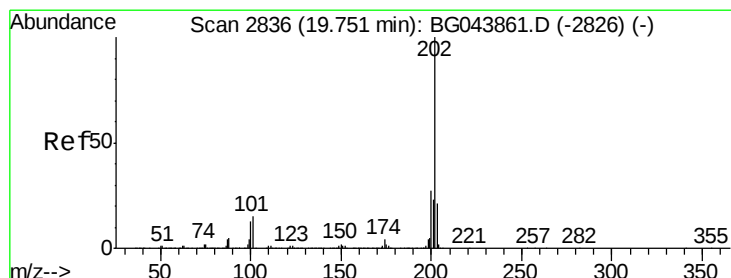
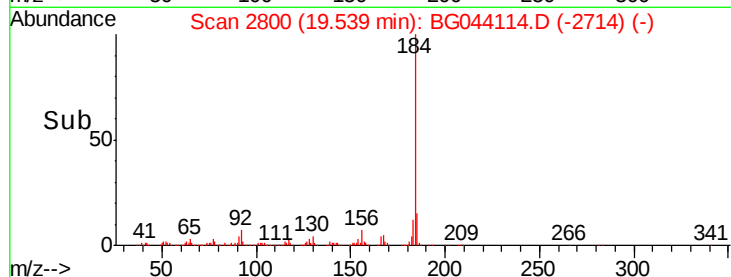
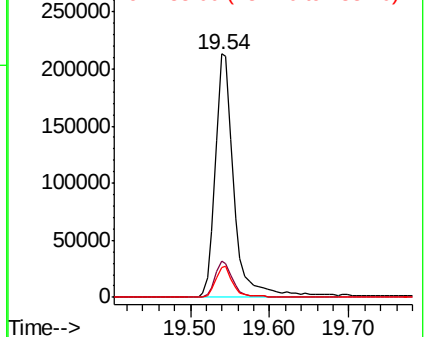
184 100

185 14.6 13.4 20.0

183 12.2 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: 48.699 ng

RT: 19.73 min Scan# 2832

Delta R.T. -0.02 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

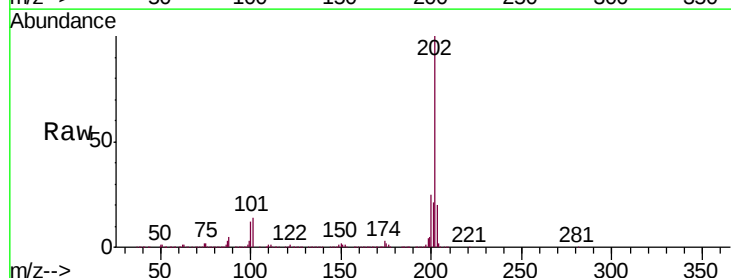
Tgt Ion:202 Resp: 1350153

Ion Ratio Lower Upper

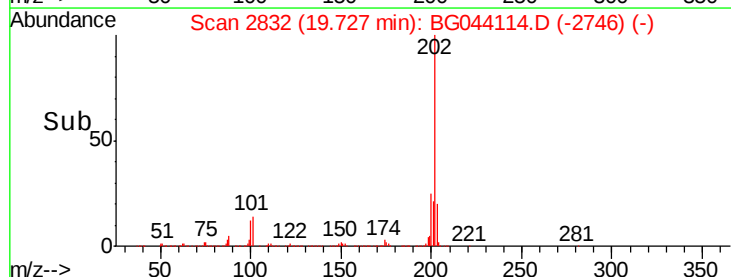
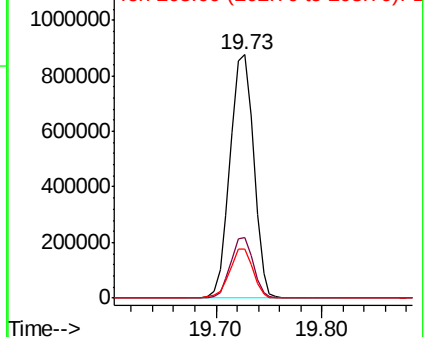
202 100

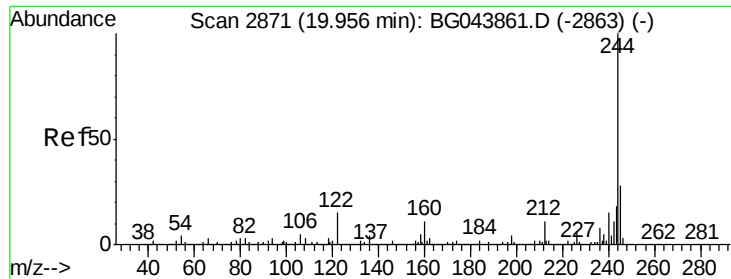
200 25.1 21.7 32.5

203 19.9 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: 102.684 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Instrument :

BNA_G

ClientSampleId :

EP-3MS

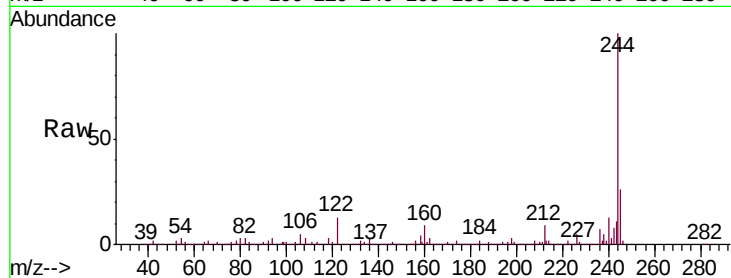
Tgt Ion:244 Resp: 1715784

Ion Ratio Lower Upper

244 100

212 9.4 8.6 13.0

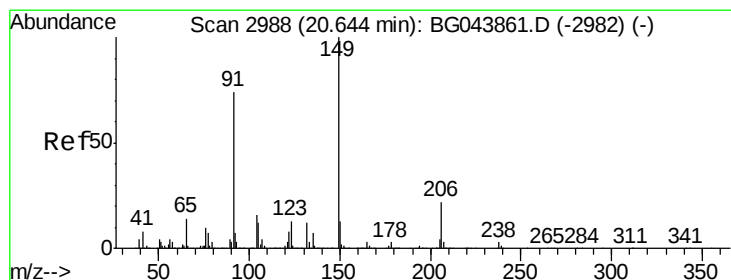
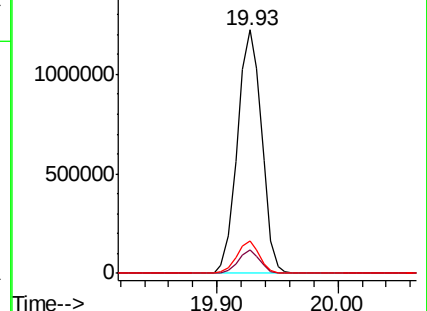
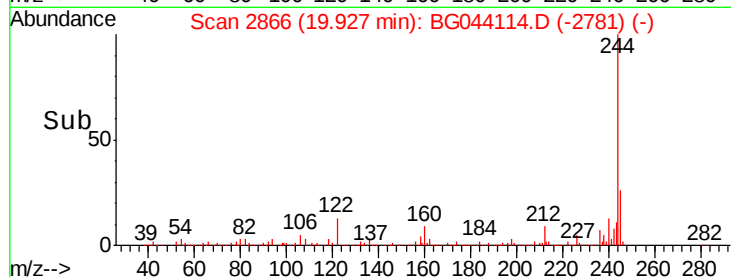
122 13.3 11.9 17.9



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: 47.877 ng

RT: 20.62 min Scan# 2984

Delta R.T. -0.02 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

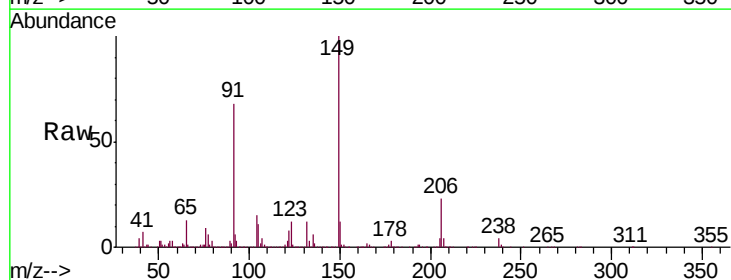
Tgt Ion:149 Resp: 631946

Ion Ratio Lower Upper

149 100

91 68.2 59.5 89.3

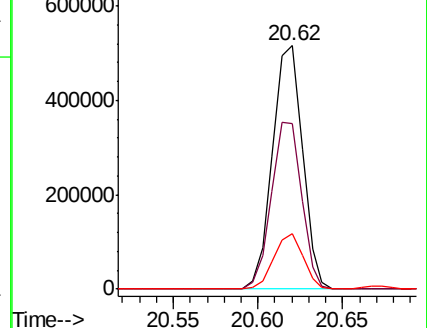
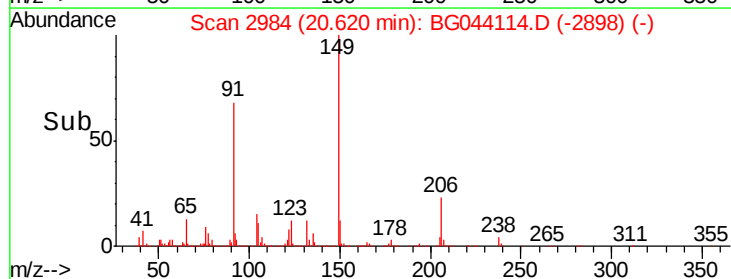
206 22.8 17.8 26.6

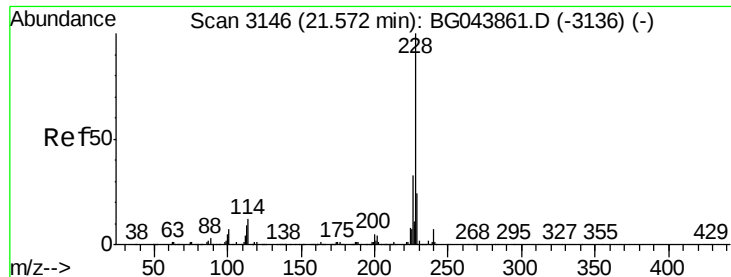


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.846 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.03 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Instrument :

BNA_G

ClientSampleId :

EP-3MS

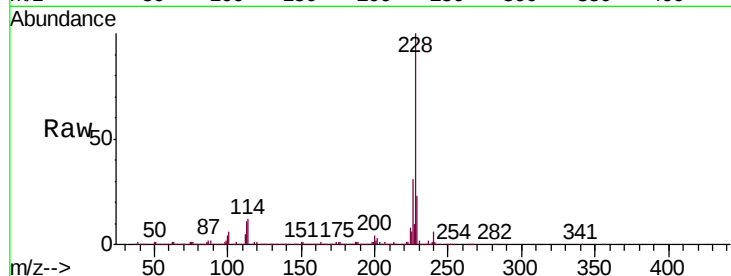
Tgt Ion:228 Resp: 1286433

Ion Ratio Lower Upper

228 100

226 30.8 26.2 39.4

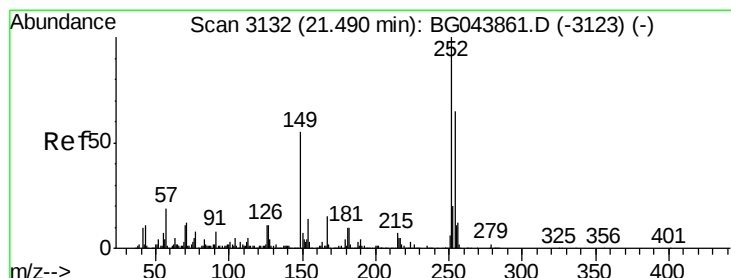
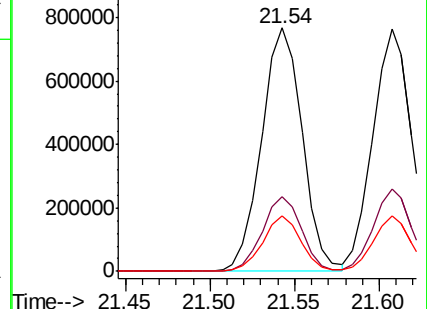
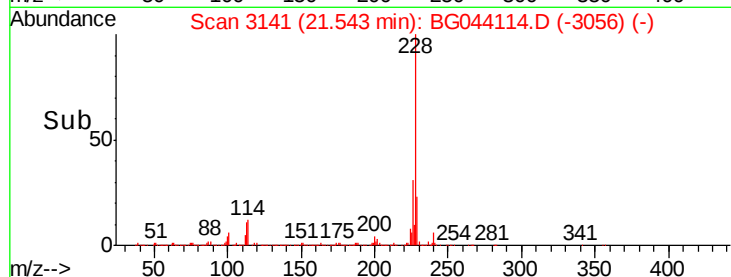
229 22.6 18.9 28.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 20.340 ng

RT: 21.46 min Scan# 3127

Delta R.T. -0.03 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

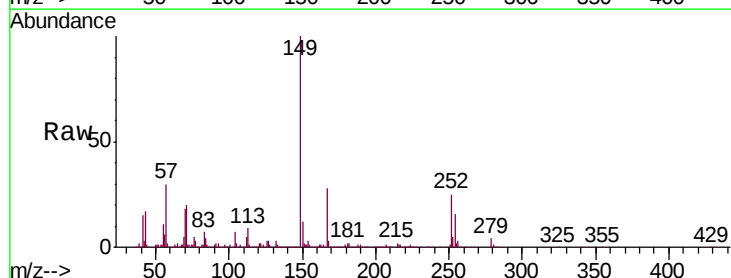
Tgt Ion:252 Resp: 211632

Ion Ratio Lower Upper

252 100

254 62.3 52.1 78.1

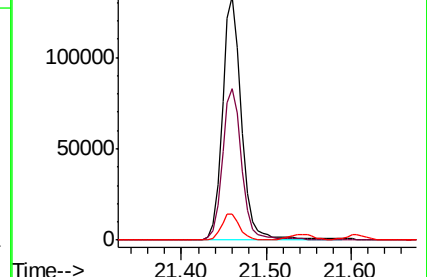
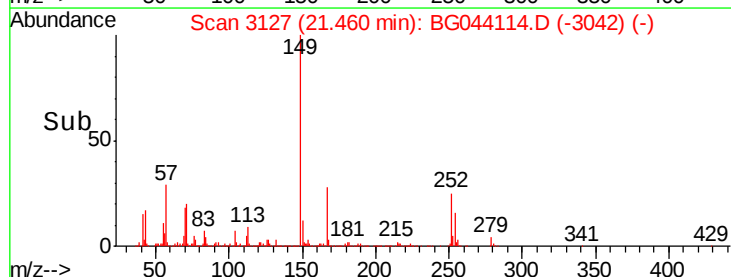
126 10.7 9.1 13.7

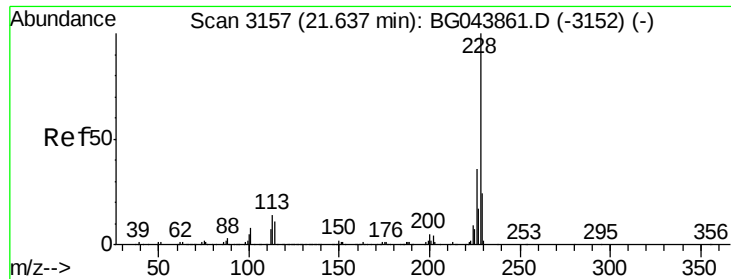


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.698 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.03 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Instrument :

BNA_G

ClientSampleId :

EP-3MS

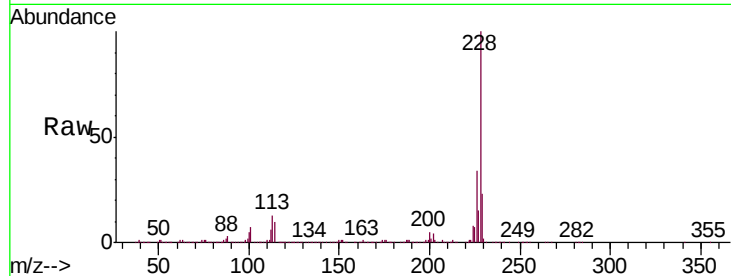
Tgt Ion:228 Resp: 1218654

Ion Ratio Lower Upper

228 100

226 33.8 28.8 43.2

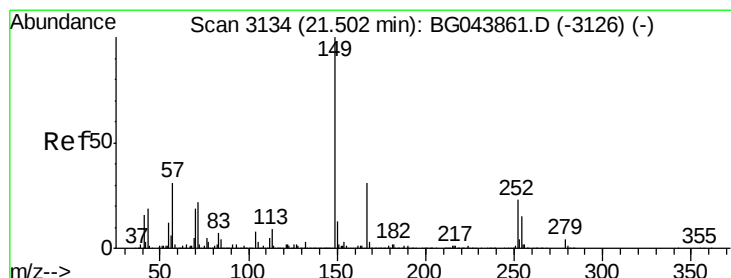
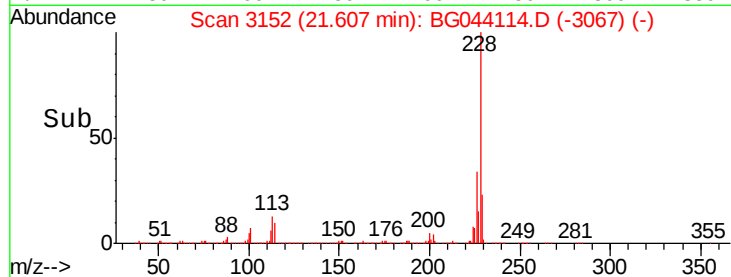
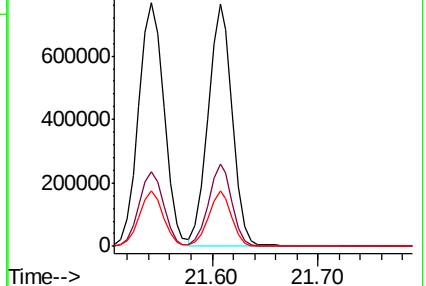
229 22.7 19.0 28.6



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: 48.739 ng

RT: 21.47 min Scan# 3128

Delta R.T. -0.04 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

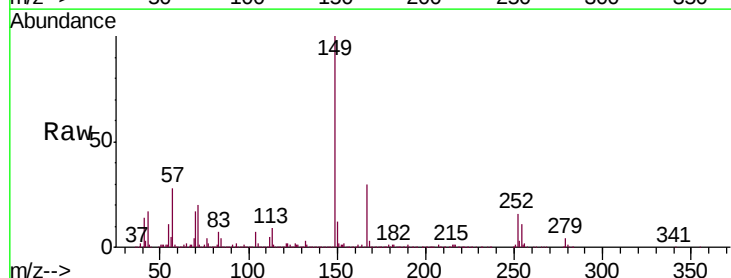
Tgt Ion:149 Resp: 887658

Ion Ratio Lower Upper

149 100

167 29.6 24.7 37.1

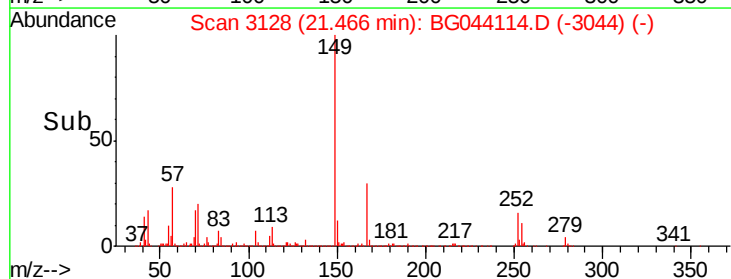
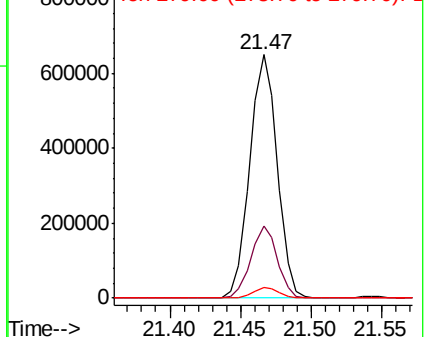
279 4.1 3.3 4.9

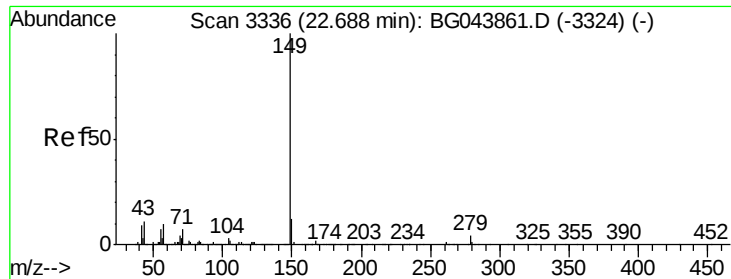


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

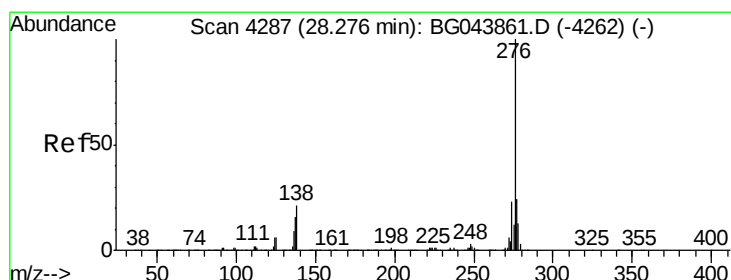
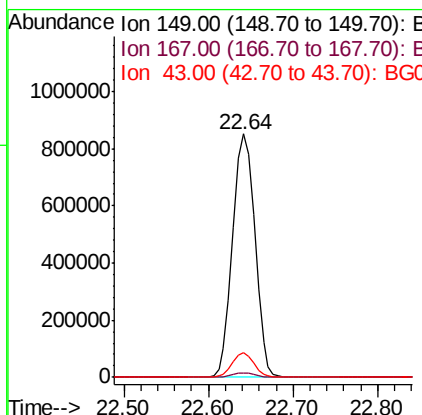
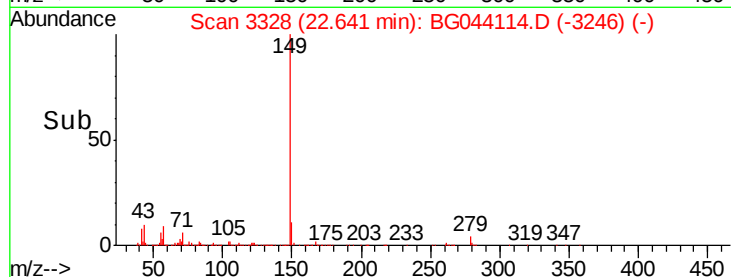
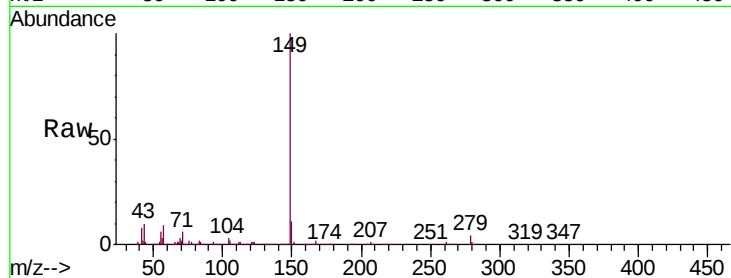




#85
Di-n-octyl phthalate
Concen: 50.603 ng
RT: 22.64 min Scan# 3328
Delta R.T. -0.05 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

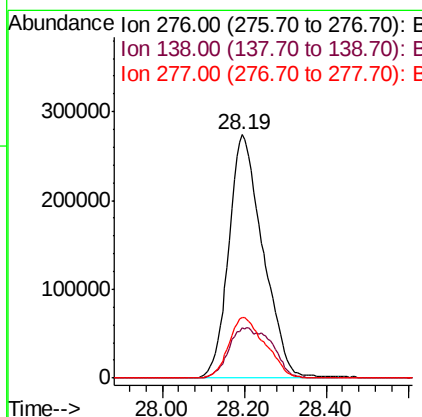
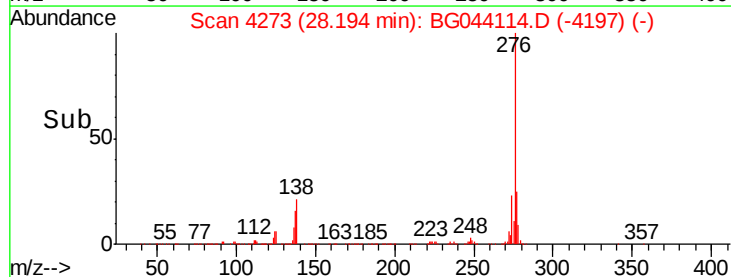
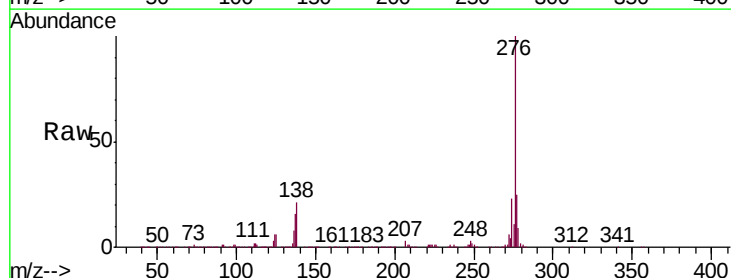
Instrument :
BNA_G
ClientSampleId :
EP-3MS

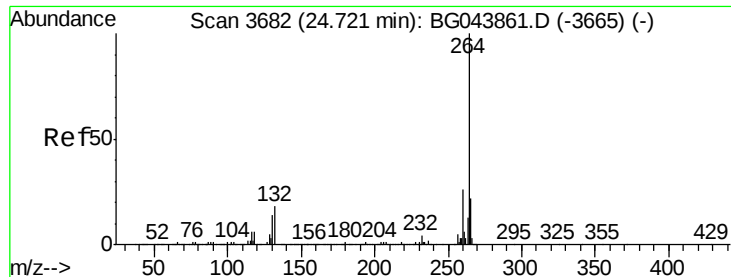
Tgt Ion:149 Resp: 1549363
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 9.6 8.8 13.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 46.755 ng
RT: 28.19 min Scan# 4273
Delta R.T. -0.08 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion:276 Resp: 1590106
Ion Ratio Lower Upper
276 100
138 26.1 21.0 31.4
277 26.6 21.1 31.7

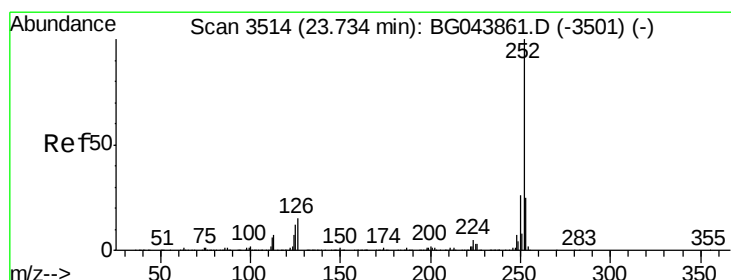
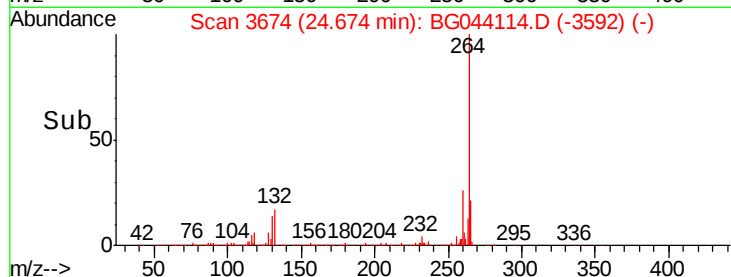
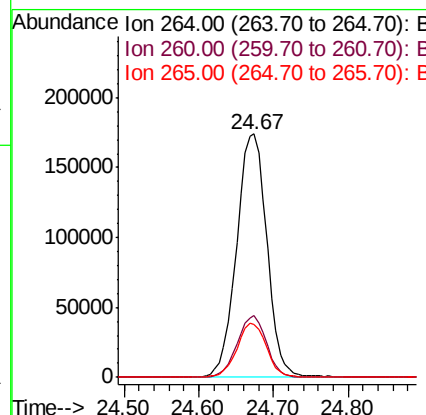
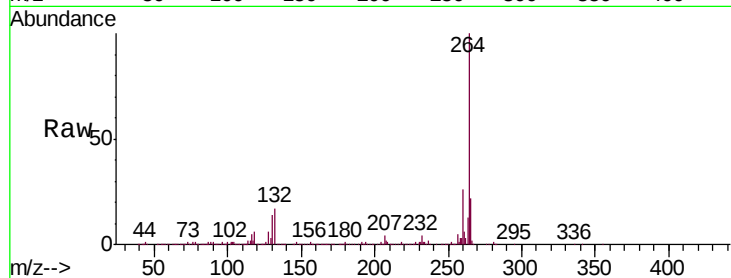




#87
Perylene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.05 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

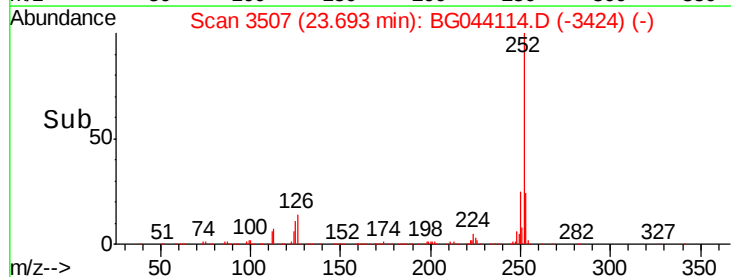
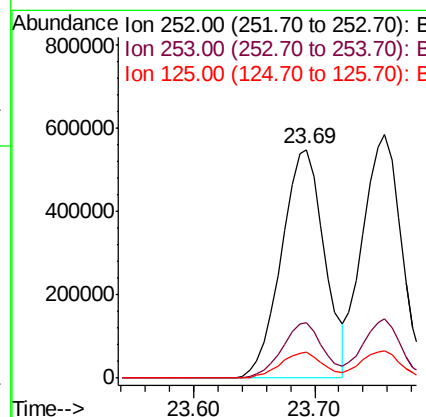
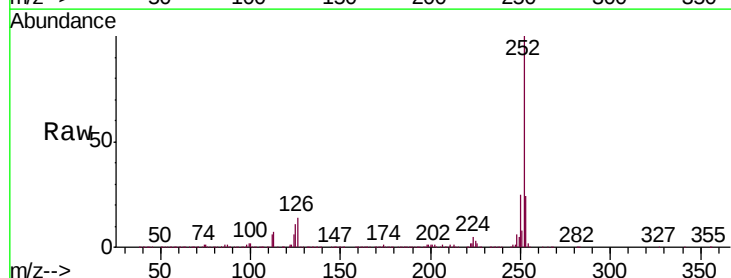
Instrument :
BNA_G
ClientSampleId :
EP-3MS

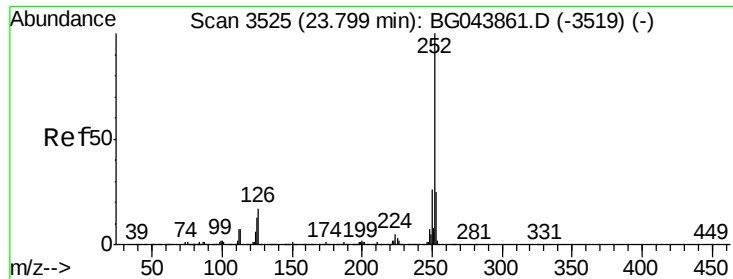
Tgt Ion: 264 Resp: 490912
Ion Ratio Lower Upper
264 100
260 25.6 20.4 30.6
265 21.5 17.4 26.2



#88
Benzo(b)fluoranthene
Concen: 46.645 ng
RT: 23.69 min Scan# 3507
Delta R.T. -0.04 min
Lab File: BG044114.D
Acq: 21 Jan 2020 1:33

Tgt Ion: 252 Resp: 1353720
Ion Ratio Lower Upper
252 100
253 24.1 19.7 29.5
125 11.2 9.4 14.2





#89

Benzo(k)fluoranthene

Concen: 47.446 ng

RT: 23.76 min Scan# 3518

Delta R.T. -0.04 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Instrument :

BNA_G

ClientSampleId :

EP-3MS

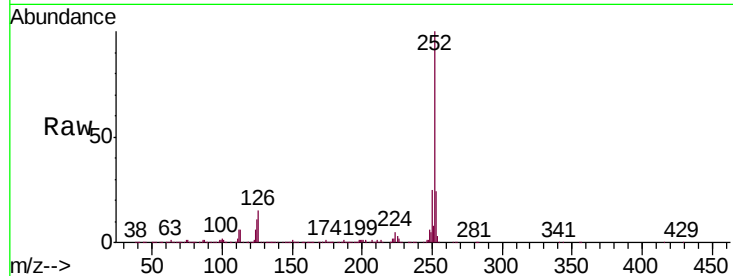
Tgt Ion:252 Resp: 1309399

Ion Ratio Lower Upper

252 100

253 24.4 19.4 29.2

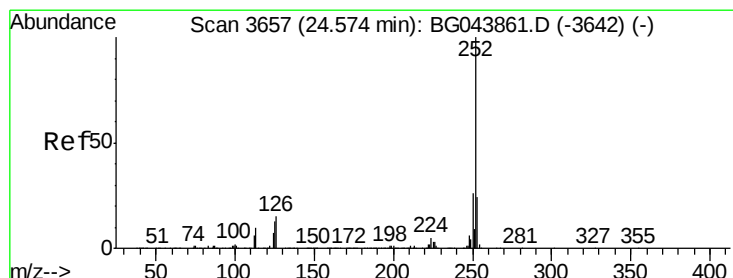
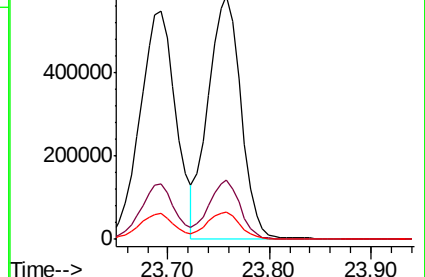
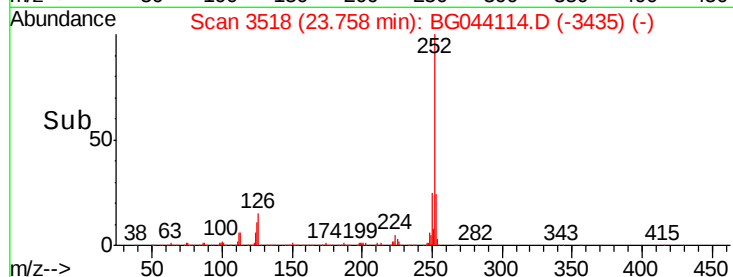
125 11.4 9.9 14.9



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: 45.723 ng

RT: 24.53 min Scan# 3649

Delta R.T. -0.05 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

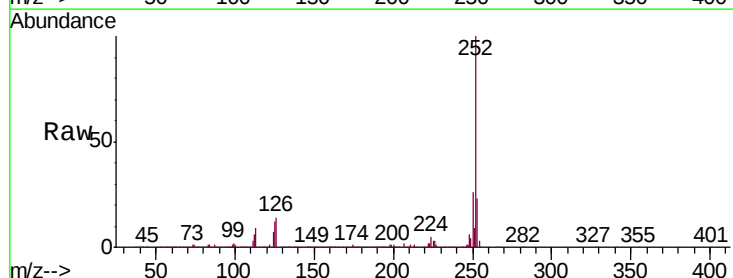
Tgt Ion:252 Resp: 1252413

Ion Ratio Lower Upper

252 100

253 23.4 19.3 28.9

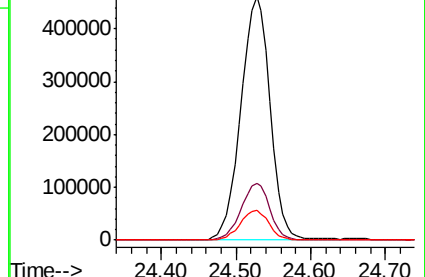
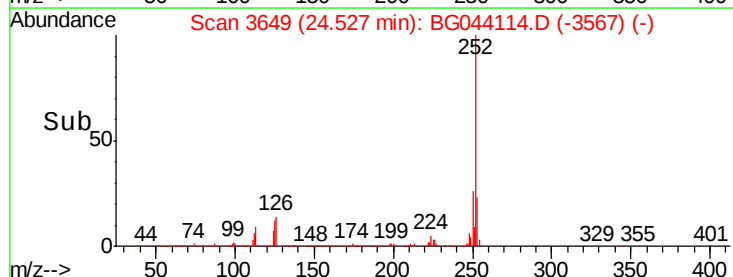
125 12.3 10.4 15.6

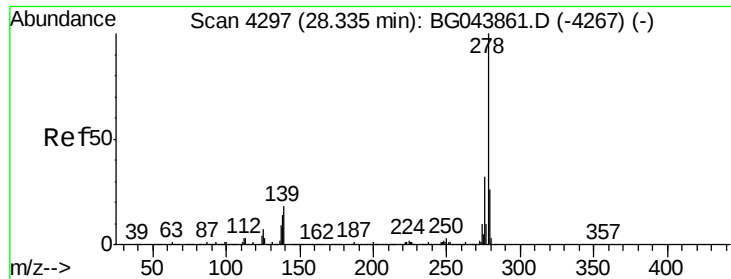


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 47.701 ng

RT: 28.26 min Scan# 4284

Delta R.T. -0.08 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

Instrument :

BNA_G

ClientSampleId :

EP-3MS

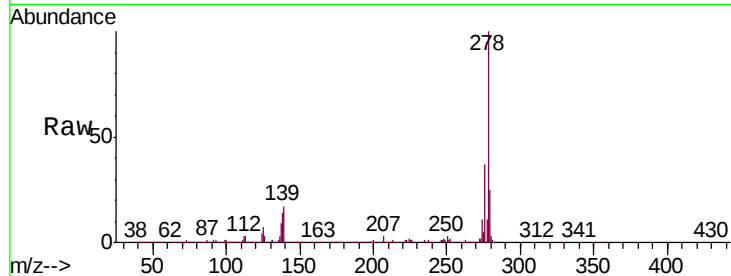
Tgt Ion:278 Resp: 1312190

Ion Ratio Lower Upper

278 100

139 16.9 14.2 21.4

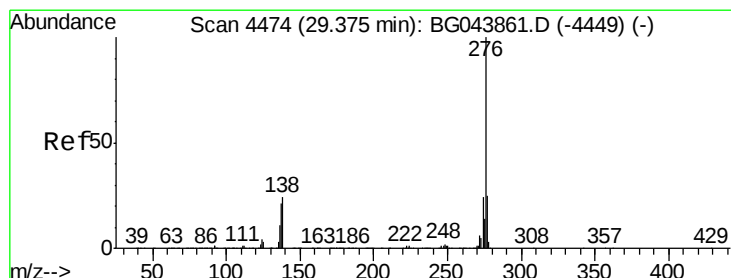
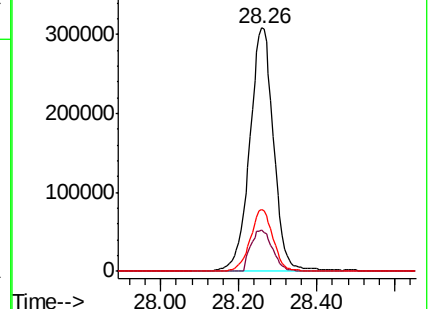
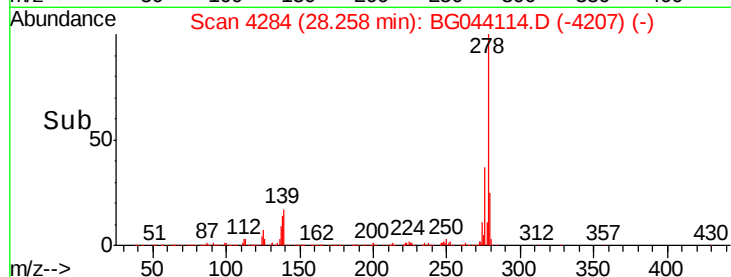
279 25.2 20.6 30.8



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: 48.524 ng

RT: 29.30 min Scan# 4461

Delta R.T. -0.08 min

Lab File: BG044114.D

Acq: 21 Jan 2020 1:33

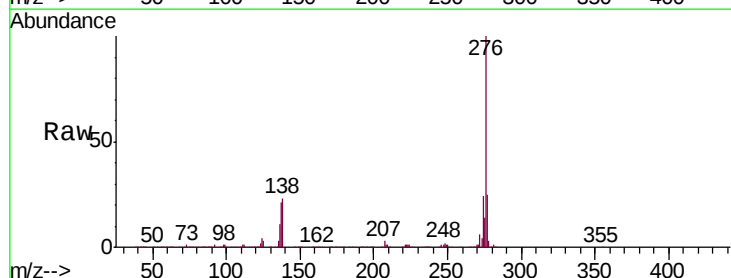
Tgt Ion:276 Resp: 1325908

Ion Ratio Lower Upper

276 100

277 24.7 20.2 30.4

138 22.8 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

