

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
 Data File : BG044226.D
 Acq On : 27 Jan 2020 22:05
 Operator : CG/JU
 Sample : L1269-05MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-22-21-COMPMS

Quant Time: Jan 28 00:41:22 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	82560	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	376121	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	251694	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	528240	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	452170	20.00	ng	-0.03
87) Perylene-d12	24.67	264	523417	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	594988	132.32	ng	-0.03
7) Phenol-d6	7.10	99	800926	127.43	ng	-0.02
23) Nitrobenzene-d5	9.09	82	475609	67.65	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	316635	120.21	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1043872	75.14	ng	-0.04
79) Terphenyl-d14	19.93	244	1495835	78.01	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	76937	39.243	ng	95
3) Pyridine	3.79	79	196556	33.937	ng	93
4) n-Nitrosodimethylamine	3.70	42	105038	40.735	ng	97
6) Aniline	7.25	93	146584	17.756	ng	97
8) 2-Chlorophenol	7.49	128	275054	52.106	ng	95
9) Benzaldehyde	7.06	77	126366	31.413	ng	100
10) Phenol	7.13	94	352778	54.477	ng	98
11) bis(2-Chloroethyl)ether	7.35	93	241065	43.125	ng	98
12) 1,3-Dichlorobenzene	7.82	146	269080	43.560	ng	99
13) 1,4-Dichlorobenzene	7.96	146	269704	44.251	ng	99
14) 1,2-Dichlorobenzene	8.29	146	259125	44.294	ng	100
15) Benzyl Alcohol	8.17	79	221189	44.591	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	324555	37.529	ng	99
17) 2-Methylphenol	8.38	107	232581	49.631	ng	99
18) Hexachloroethane	9.02	117	99845	42.100	ng	96
19) n-Nitroso-di-n-propylamine	8.73	70	193428	41.325	ng	97
20) 3+4-Methylphenols	8.70	107	321275	49.144	ng	98
22) Acetophenone	8.75	105	369788	39.547	ng	# 97
24) Nitrobenzene	9.13	77	277502	39.851	ng	98
25) Isophorone	9.65	82	537816	40.773	ng	100
26) 2-Nitrophenol	9.84	139	151397	45.954	ng	96
27) 2,4-Dimethylphenol	9.91	122	262014	52.833	ng	98
28) bis(2-Chloroethoxy)methane	10.14	93	347183	39.480	ng	99
29) 2,4-Dichlorophenol	10.38	162	275088	46.502	ng	97
30) 1,2,4-Trichlorobenzene	10.60	180	270045	40.714	ng	98
31) Naphthalene	10.78	128	806789	44.327	ng	99
32) Benzoic acid	10.06	122	106120	29.110	ng	96
33) 4-Chloroaniline	10.88	127	90542	10.430	ng	95
34) Hexachlorobutadiene	11.08	225	157833	38.974	ng	100
35) Caprolactam	11.65	113	80323	36.474	ng	89
36) 4-Chloro-3-methylphenol	12.02	107	292175	46.396	ng	97
37) 2-Methylnaphthalene	12.39	142	606448	44.257	ng	97
38) 1-Methylnaphthalene	12.61	142	577512	44.468	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	296934	40.250	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	324563	84.862	ng	99
43) 2,4,6-Trichlorophenol	13.00	196	214738	42.304	ng	99
44) 2,4,5-Trichlorophenol	13.08	196	231789	44.274	ng	99
46) 1,1'-Biphenyl	13.40	154	773736	42.876	ng	98
47) 2-Chloronaphthalene	13.44	162	608235	41.710	ng	97
48) 2-Nitroaniline	13.64	65	180306	38.439	ng	95
49) Acenaphthylene	14.29	152	958924	45.752	ng	97
50) Dimethylphthalate	14.02	163	896456	50.162	ng	99
51) 2,6-Dinitrotoluene	14.13	165	176764	43.761	ng	95
52) Acenaphthene	14.63	154	600495	40.854	ng	98
53) 3-Nitroaniline	14.46	138	81884	17.851	ng	97
54) 2,4-Dinitrophenol	14.67	184	139996	68.851	ng	98
55) Dibenzofuran	14.97	168	924058	45.668	ng	97
56) 4-Nitrophenol	14.79	139	308128	87.660	ng	94
57) 2,4-Dinitrotoluene	14.93	165	240823	43.816	ng	99
58) Fluorene	15.61	166	723893	45.137	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	206717	45.918	ng	95
60) Diethylphthalate	15.39	149	780570	43.669	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	381043	43.756	ng	97
62) 4-Nitroaniline	15.63	138	173314	38.261	ng	94
63) Azobenzene	15.90	77	715970	43.191	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	130260	47.874	ng	94
66) n-Nitrosodiphenylamine	15.82	169	672922	43.258	ng	98
67) 4-Bromophenyl-phenylether	16.50	248	248209	41.778	ng	98
68) Hexachlorobenzene	16.62	284	266403	41.614	ng	96
69) Atrazine	16.77	200	251714	49.780	ng	99
70) Pentachlorophenol	16.97	266	273685	77.554	ng	99
71) Phenanthrene	17.35	178	1116742	44.075	ng	99
72) Anthracene	17.45	178	1158562	46.268	ng	98
73) Carbazole	17.71	167	1023423	44.246	ng	97
74) Di-n-butylphthalate	18.28	149	1268206	42.944	ng	97
75) Fluoranthene	19.36	202	1292875	44.618	ng	96
77) Benzidine	19.54	184	339066	29.833	ng	97
78) Pyrene	19.72	202	1290067	43.709	ng	96
80) Butylbenzylphthalate	20.61	149	592423	42.160	ng	96
81) Benzo(a)anthracene	21.54	228	1237877	44.150	ng	96
82) 3,3'-Dichlorobenzidine	21.46	252	242258	21.870	ng	98
83) Chrysene	21.61	228	1185620	44.503	ng	97
84) Bis(2-ethylhexyl)phthalate	21.47	149	842935	43.475	ng	98
85) Di-n-octyl phthalate	22.64	149	1467303	45.015	ng	96
86) Indeno(1,2,3-cd)pyrene	28.20	276	1551924	42.864	ng	# 89
88) Benzo(b)fluoranthene	23.69	252	1328077	42.920	ng	98
89) Benzo(k)fluoranthene	23.75	252	1274290	43.307	ng	99
90) Benzo(a)pyrene	24.53	252	1216922	41.668	ng	98
91) Dibenzo(a,h)anthracene	28.26	278	1271453	43.349	ng	97
92) Benzo(g,h,i)perylene	29.30	276	1301689	44.679	ng	97

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

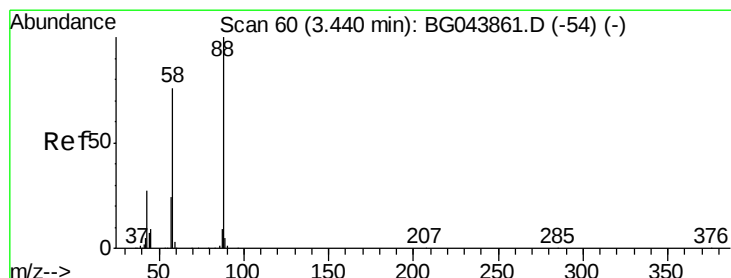
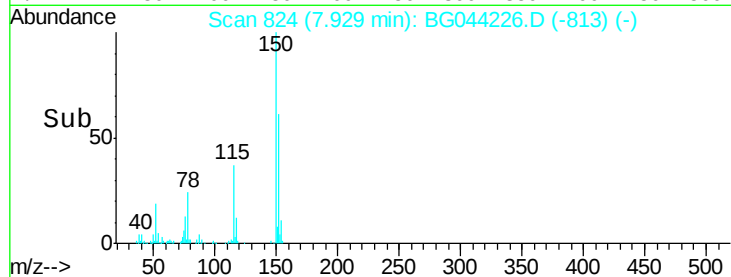
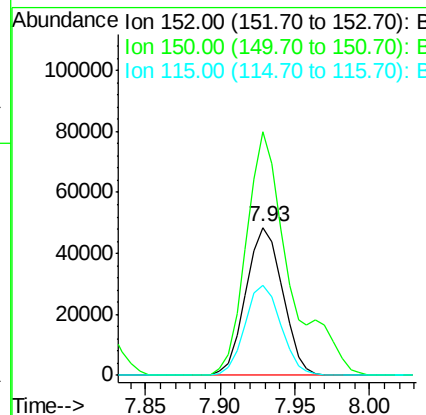
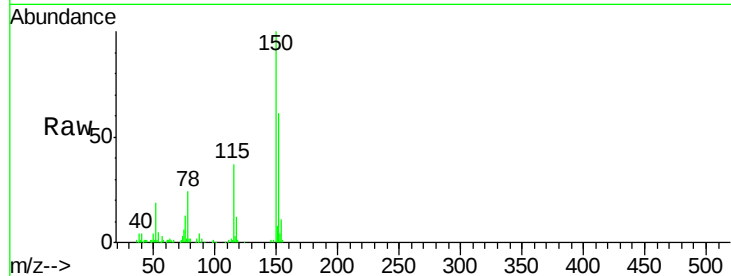


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Instrument :
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TP-22-21-COMPMS

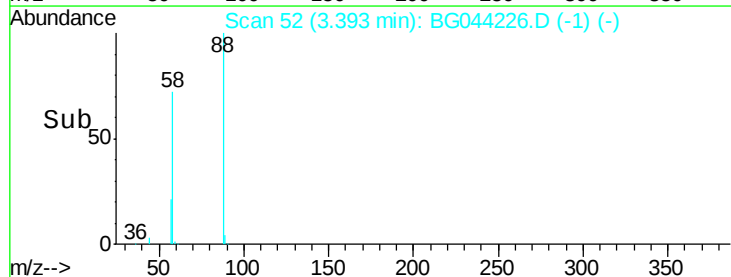
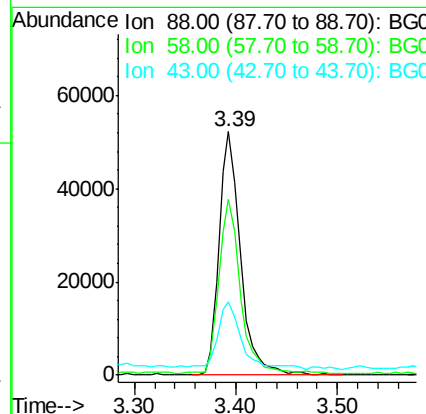
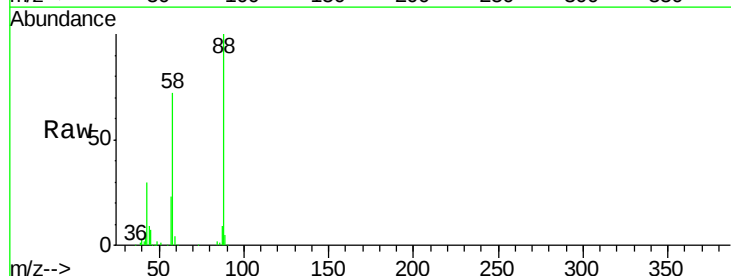
Tot Ion:152 Resp: 82560
Ion Ratio Lower Upper
152 100
150 164.5 127.0 190.4
115 60.5 47.8 71.8



#2

1,4-Dioxane
Concen: 39.243 ng
RT: 3.39 min Scan# 52
Delta R.T. -0.05 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion: 88 Resp: 76937
Ion Ratio Lower Upper
88 100
58 70.6 59.8 89.8
43 25.0 22.9 34.3





#3

Pvridine

Concen: 33.937 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.04 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMS

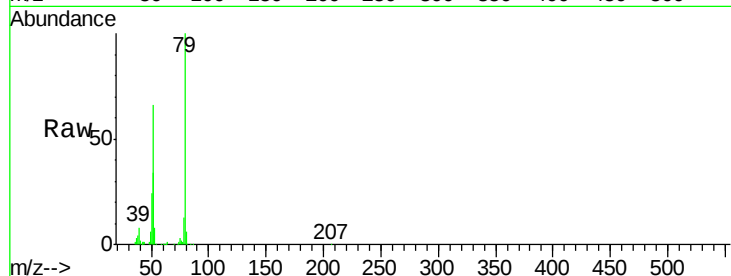
Tot Ion: 79 Resp: 196556

Ion Ratio Lower Upper

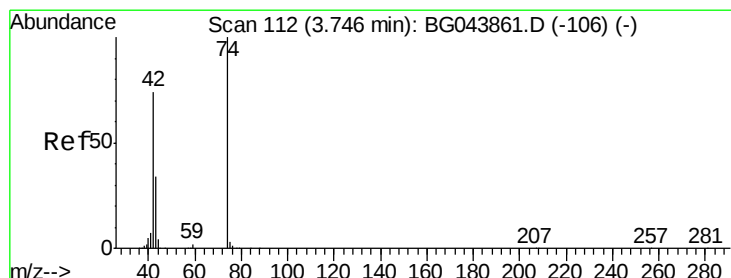
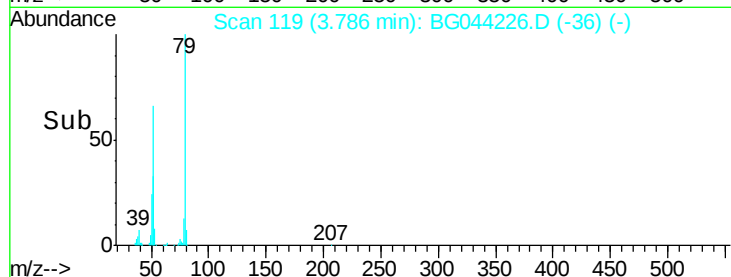
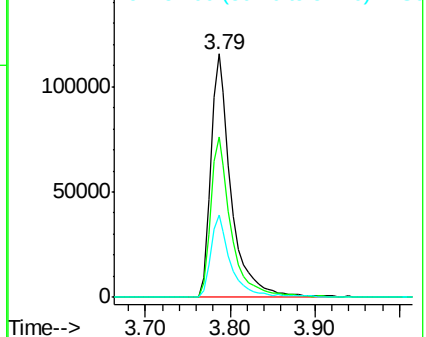
79 100

52 65.9 58.9 88.3

51 33.6 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: 40.735 ng

RT: 3.70 min Scan# 104

Delta R.T. -0.05 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

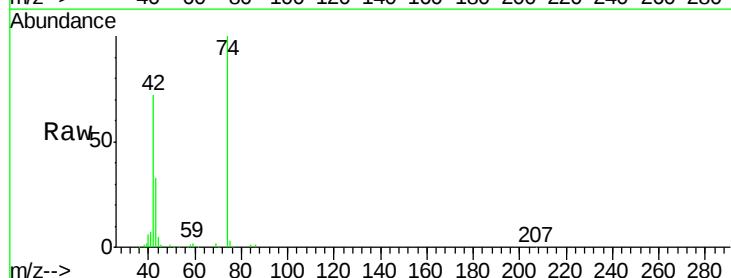
Tgt Ion: 42 Resp: 105038

Ion Ratio Lower Upper

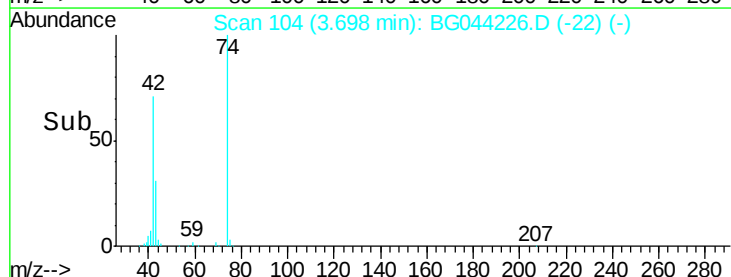
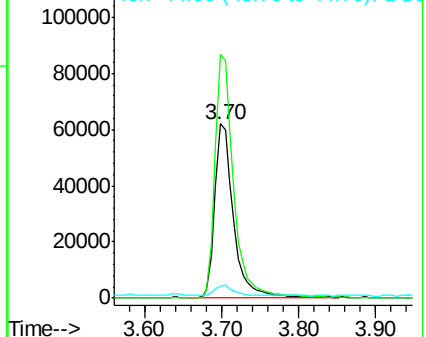
42 100

74 139.6 108.6 162.8

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: 132.324 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Instrument :

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ClientSampleId :

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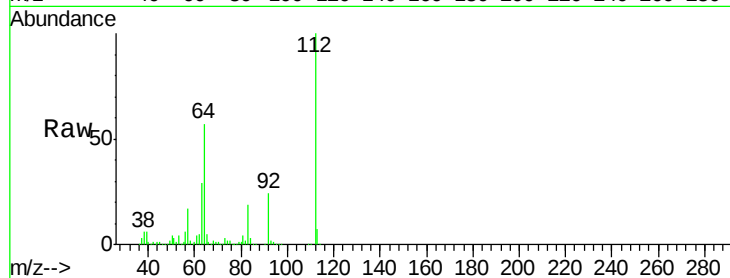
Tot Ion:112 Resp: 594988

Ion Ratio Lower Upper

112 100

64 56.5 47.8 71.6

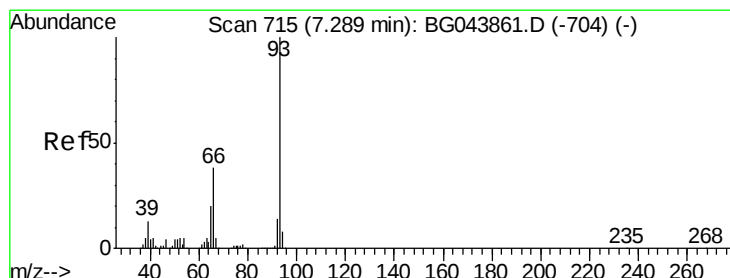
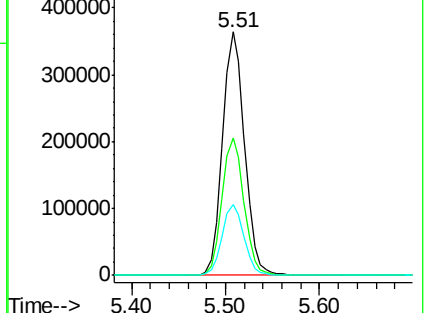
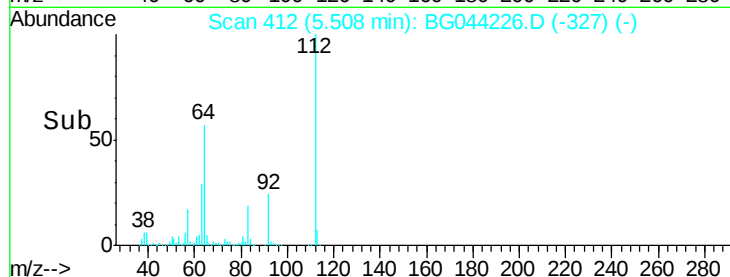
63 29.2 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 17.756 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.04 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

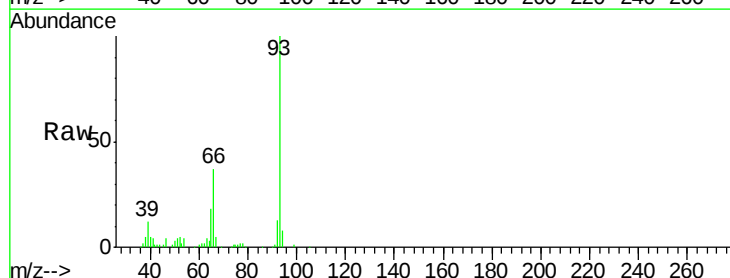
Tgt Ion: 93 Resp: 146584

Ion Ratio Lower Upper

93 100

66 36.6 30.8 46.2

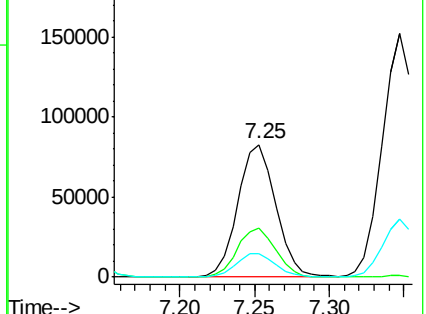
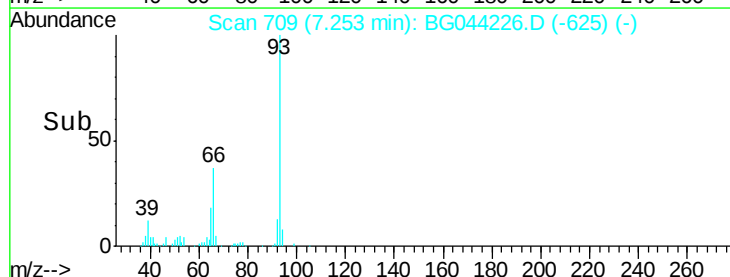
65 18.0 16.0 24.0

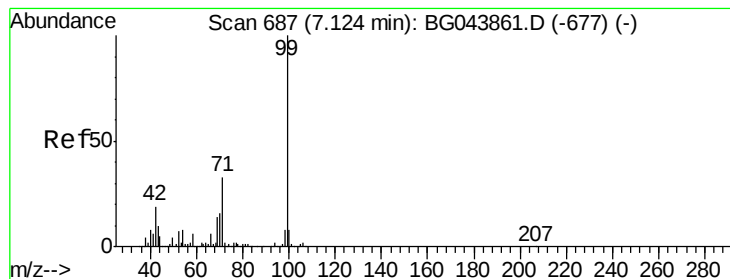


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 127.430 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044226.D

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ClientSampleId :

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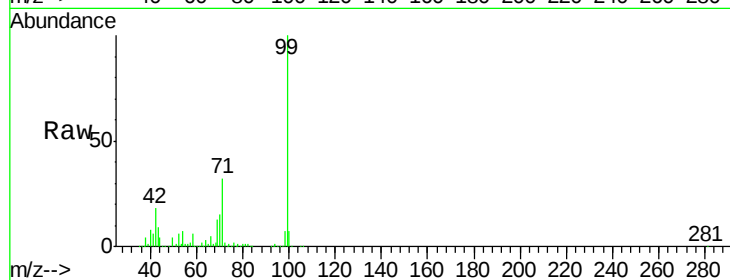
Tot Ion: 99 Resp: 800926

Ion Ratio Lower Upper

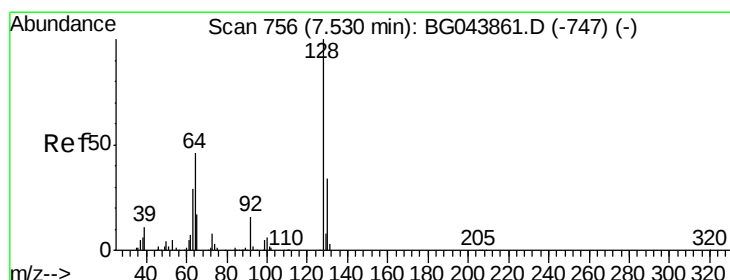
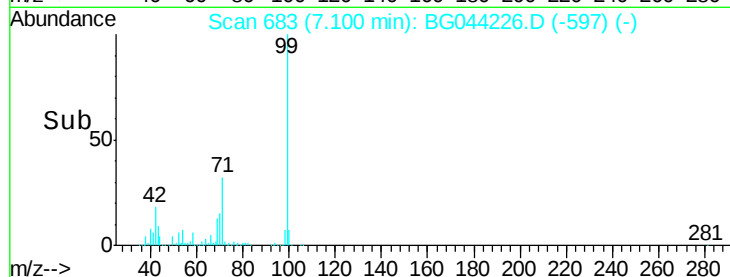
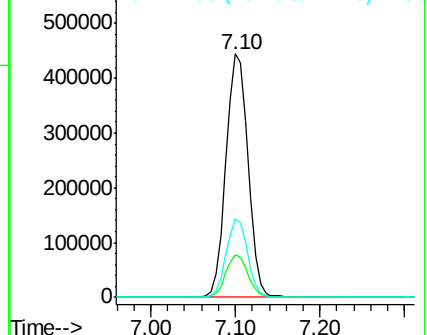
99 100

42 17.7 14.9 22.3

71 32.3 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: 52.106 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.04 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

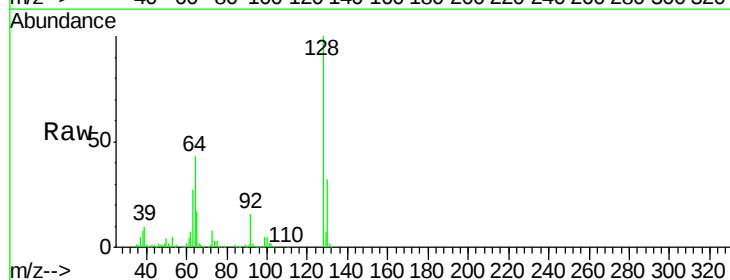
Tgt Ion: 128 Resp: 275054

Ion Ratio Lower Upper

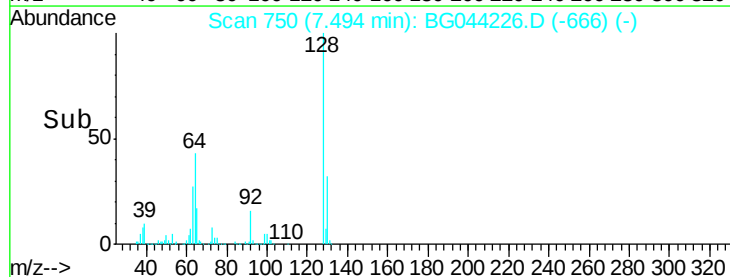
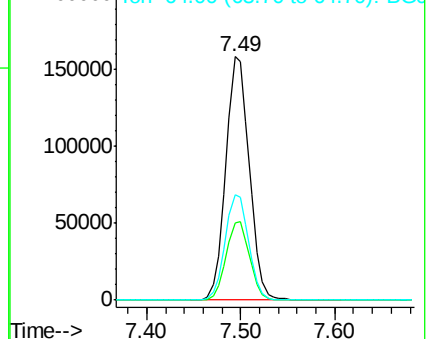
128 100

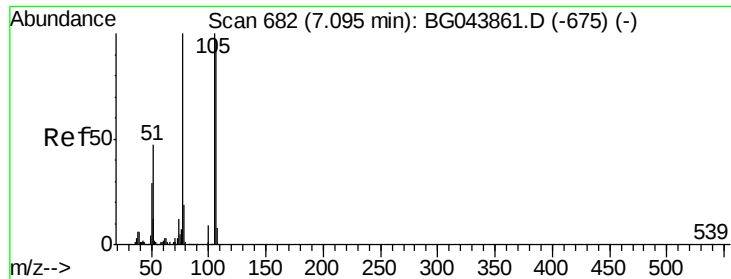
130 31.6 13.8 53.8

64 43.4 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: 31.413 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.04 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Instrument :

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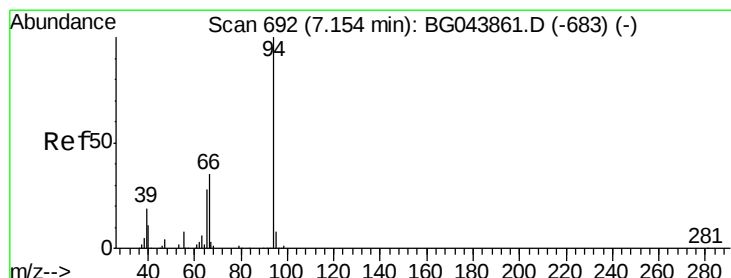
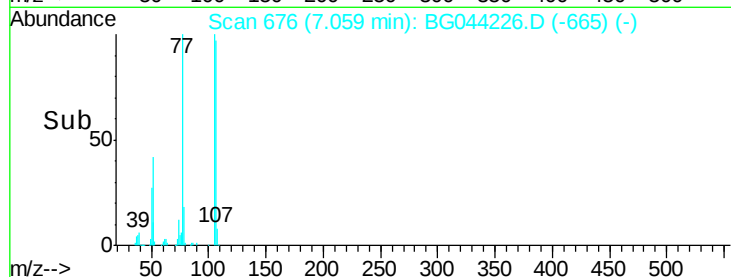
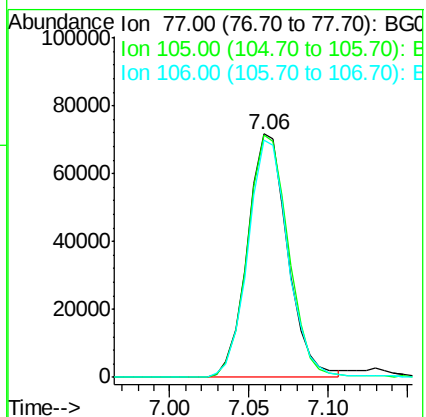
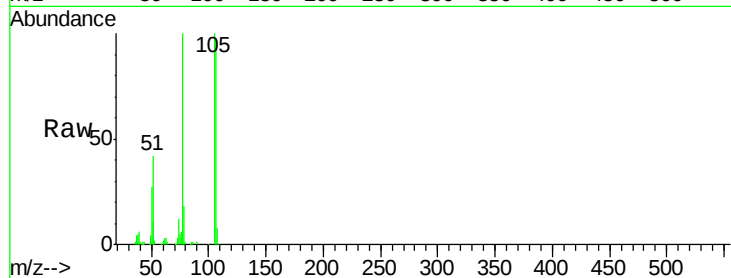
Tot Ion: 77 Resp: 126366

Ion Ratio Lower Upper

77 100

105 99.6 80.2 120.2

106 97.3 77.2 117.2



#10

Phenol

Concen: 54.477 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

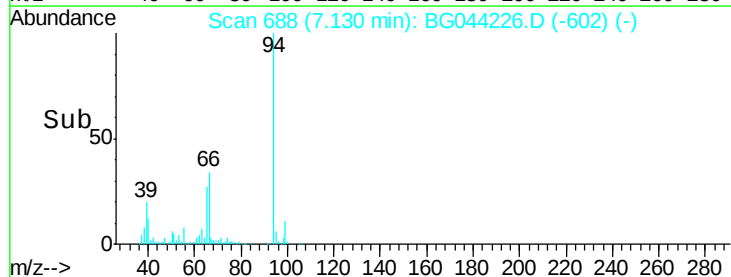
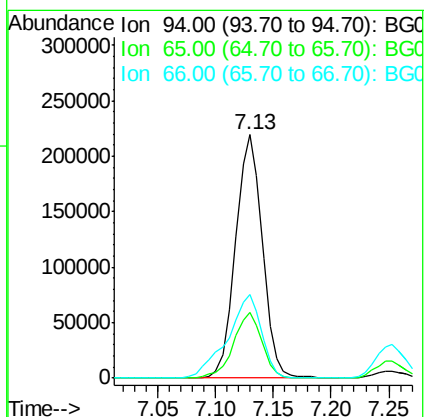
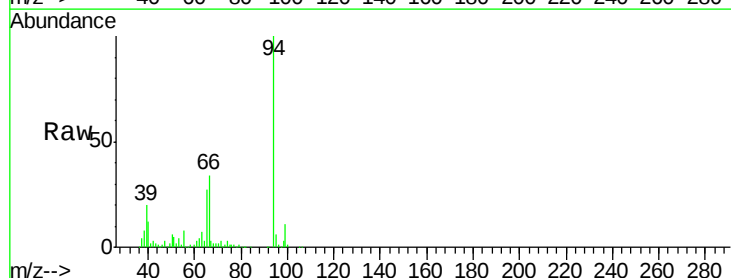
Tgt Ion: 94 Resp: 352778

Ion Ratio Lower Upper

94 100

65 27.0 8.1 48.1

66 34.2 15.6 55.6

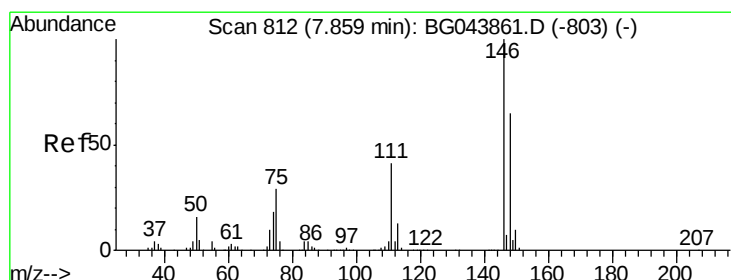
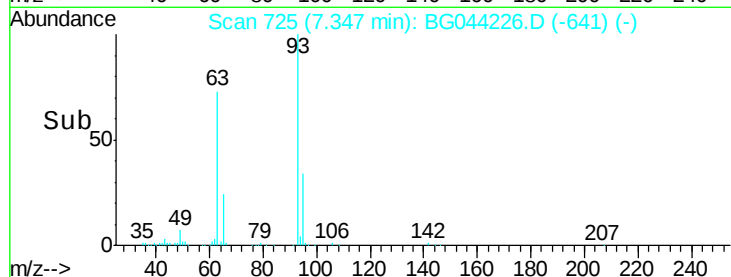
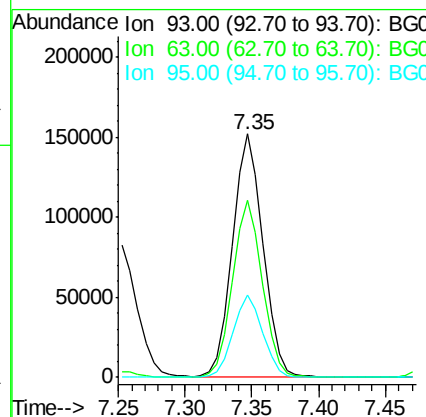
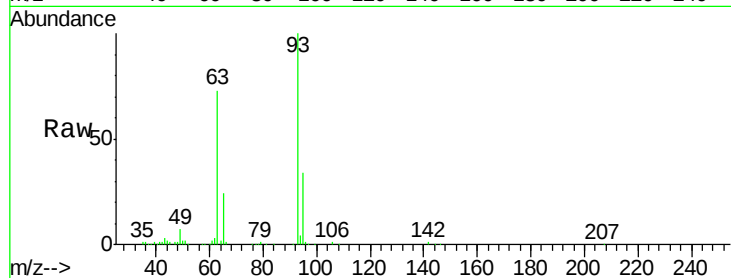




#11
bis(2-Chloroethyl)ether
Concen: 43.125 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.04 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

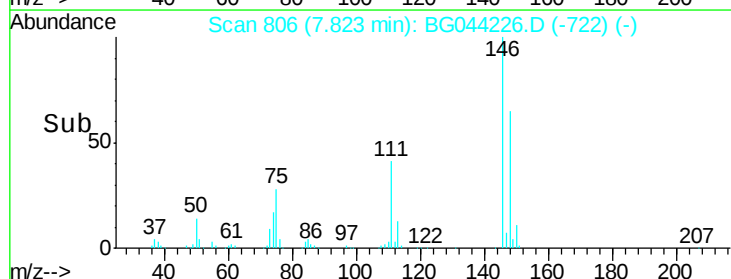
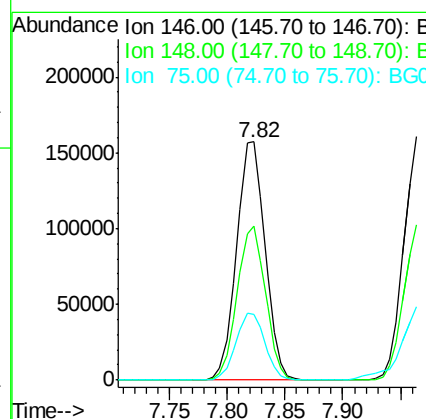
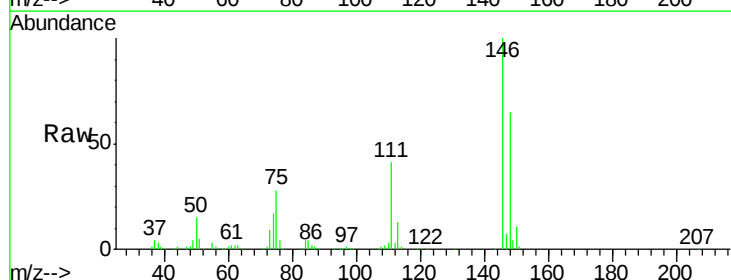
Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

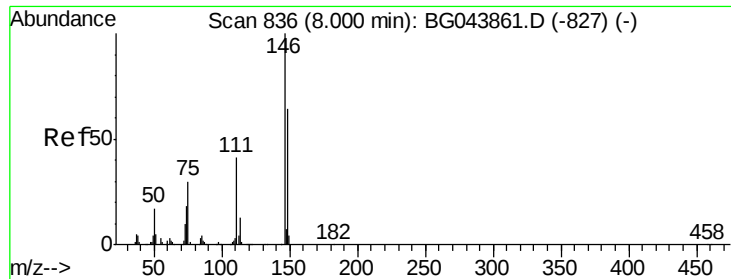
Tot Ion: 93 Resp: 241065
Ion Ratio Lower Upper
93 100
63 72.5 55.0 95.0
95 34.0 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 43.560 ng
RT: 7.82 min Scan# 806
Delta R.T. -0.04 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion: 146 Resp: 269080
Ion Ratio Lower Upper
146 100
148 64.7 52.1 78.1
75 27.7 23.0 34.4

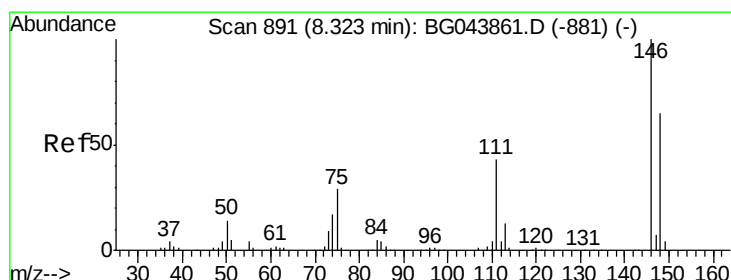
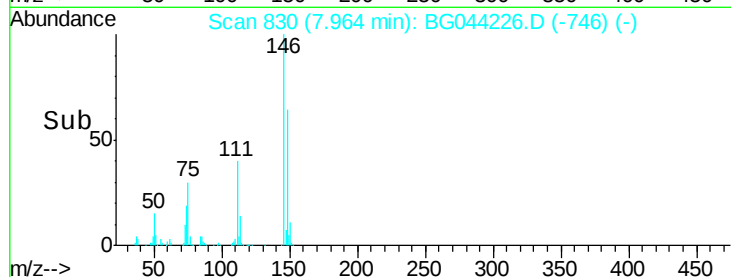
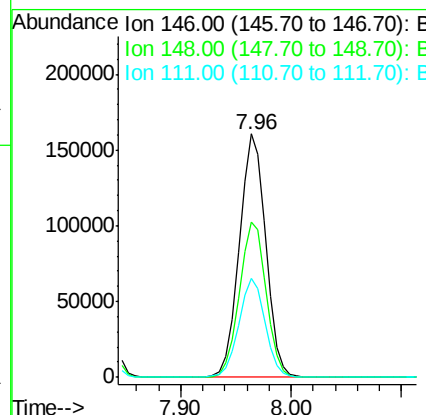
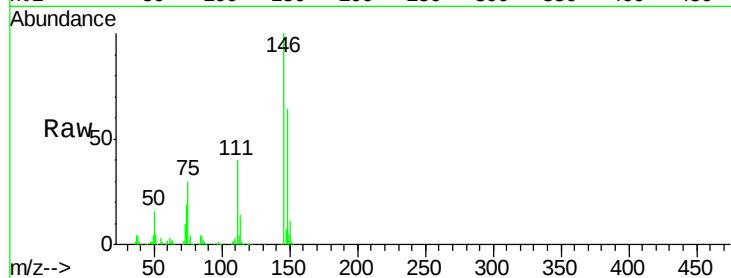




#13
 1,4-Dichlorobenzene
 Concen: 44.251 ng
 RT: 7.96 min Scan# 830
 Delta R.T. -0.04 min
 Lab File: BG044226.D
 Acq: 27 Jan 2020 22:05

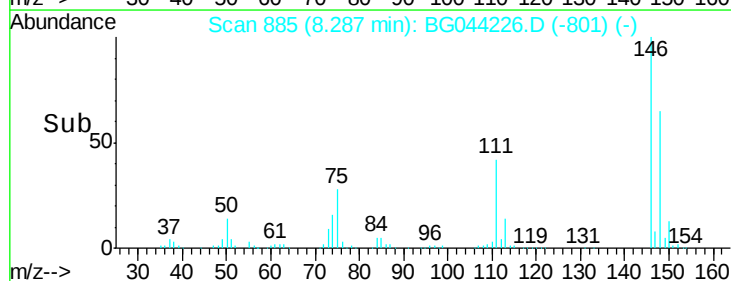
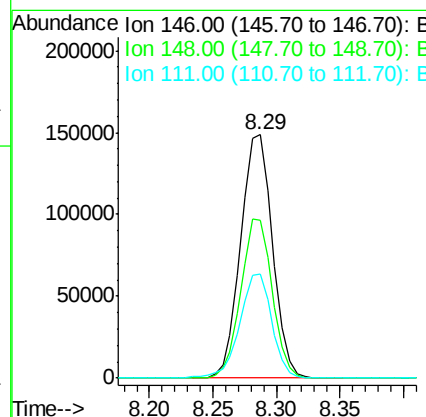
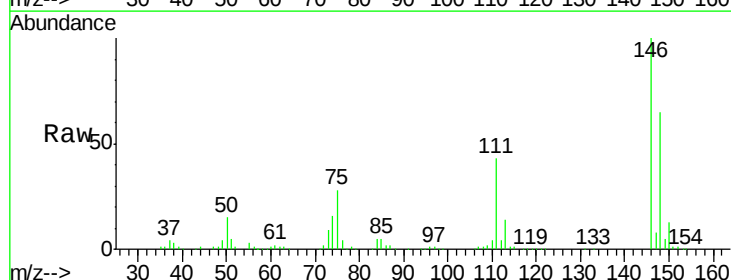
Instrument :
 BNA_G
 ClientSampleId :
 TP-22-21-COMPMS

Tot Ion:146 Resp: 269704
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.2 76.8
 111 40.5 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 44.294 ng
 RT: 8.29 min Scan# 885
 Delta R.T. -0.04 min
 Lab File: BG044226.D
 Acq: 27 Jan 2020 22:05

Tgt Ion:146 Resp: 259125
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.7 77.5
 111 42.6 34.4 51.6





#15

Benzyl Alcohol

Concen: 44.591 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.03 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMS

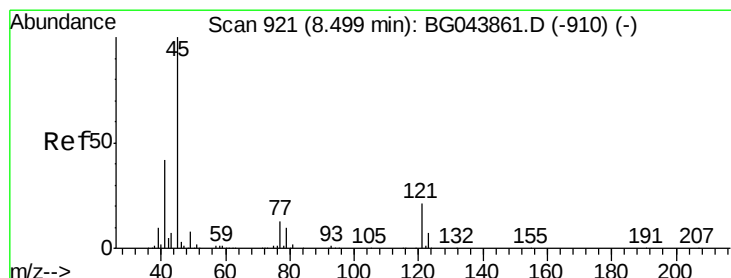
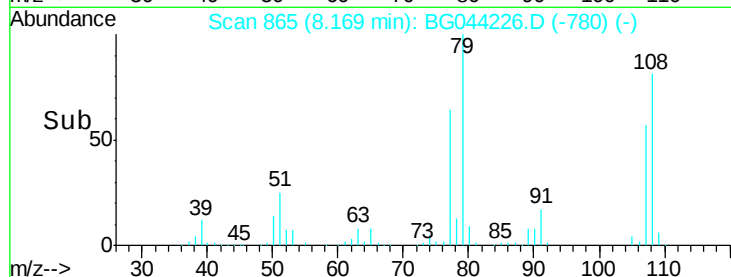
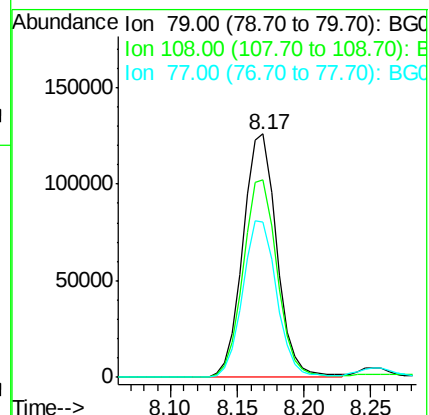
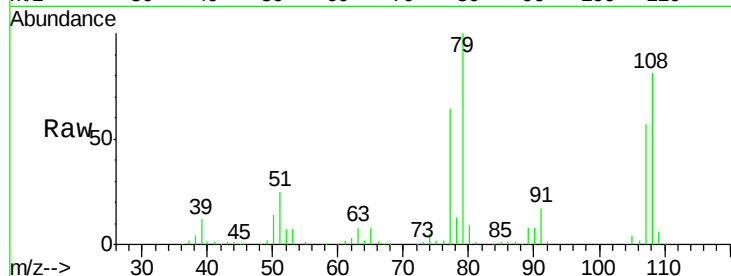
Tot Ion: 79 Resp: 221189

Ion Ratio Lower Upper

79 100

108 81.3 65.6 98.4

77 63.9 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.529 ng

RT: 8.46 min Scan# 915

Delta R.T. -0.04 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

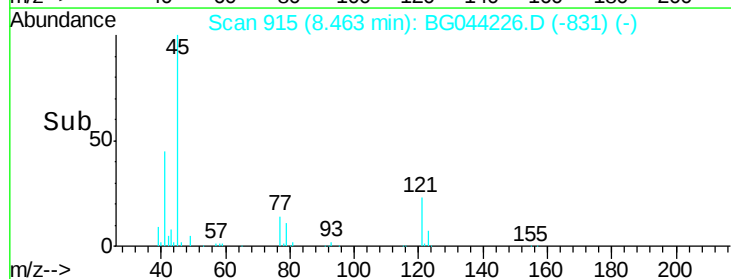
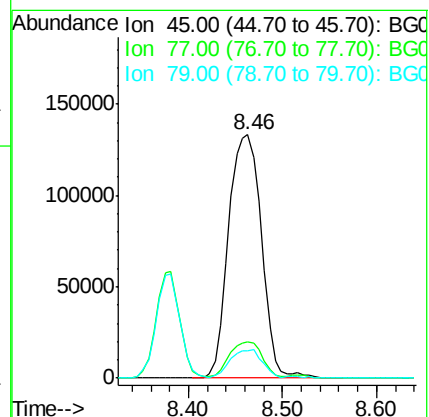
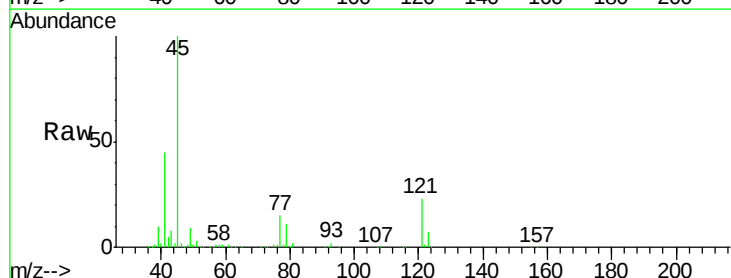
Tgt Ion: 45 Resp: 324555

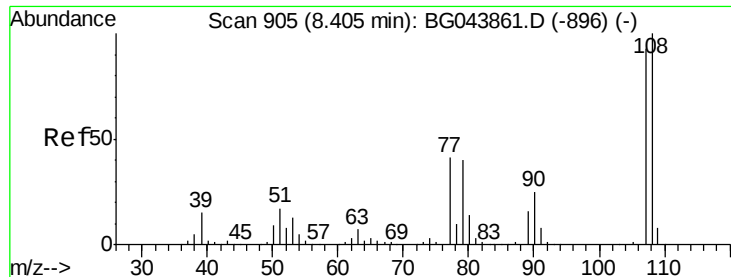
Ion Ratio Lower Upper

45 100

77 14.7 0.0 33.8

79 11.2 0.0 31.0

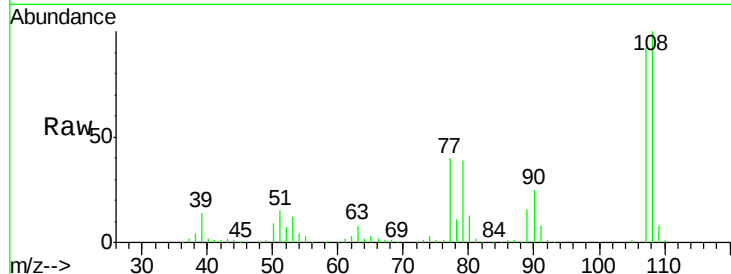




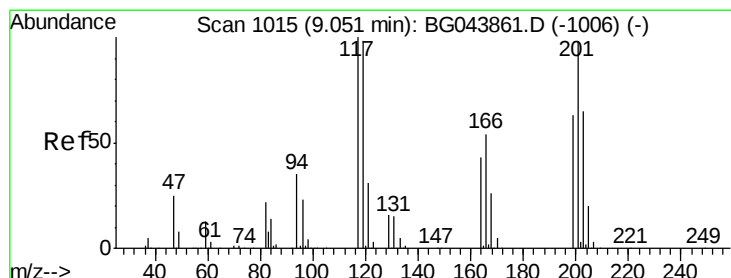
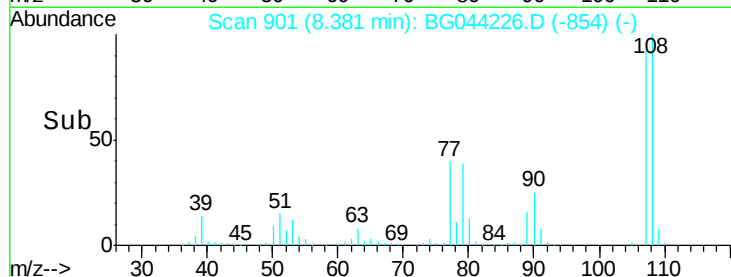
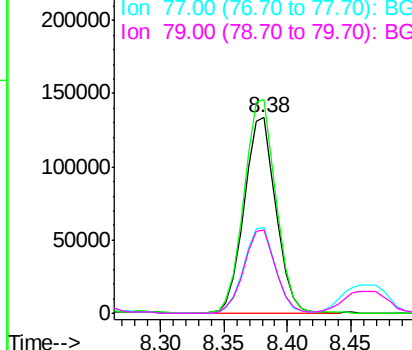
#17
2-Methylphenol
Concen: 49.631 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.02 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

Tot Ion:	107	Resp:	232581
Ion	Ratio	Lower	Upper
107	100		
108	109.1	86.1	129.1
77	43.9	35.4	53.0
79	42.8	34.8	52.2

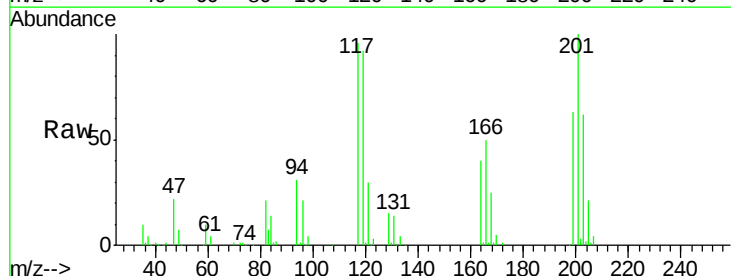


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

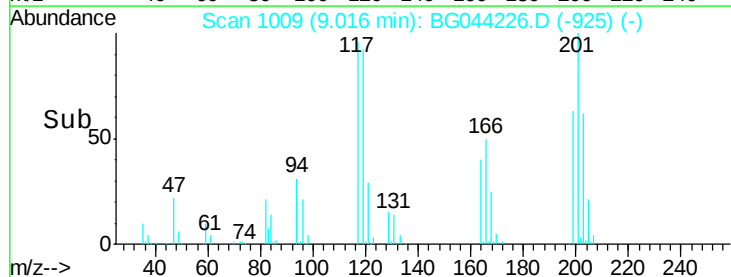
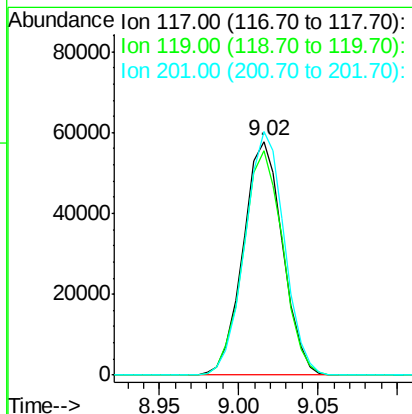


#18
Hexachloroethane
Concen: 42.100 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.04 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion:	117	Resp:	99845
Ion	Ratio	Lower	Upper
117	100		
119	96.1	78.1	117.1
201	104.3	78.6	117.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

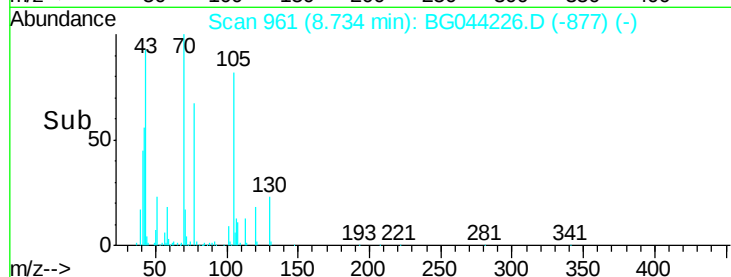
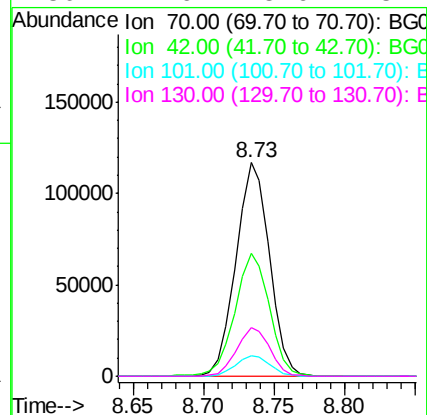
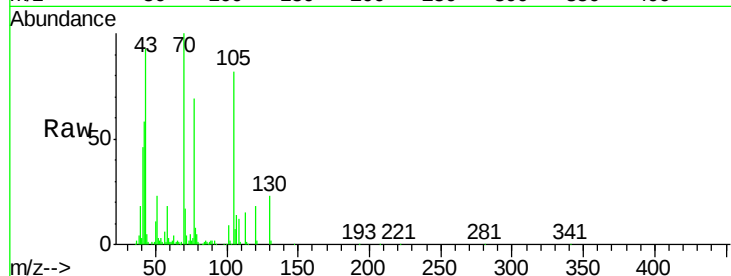




#19
n-Nitroso-di-n-propylamine
Concen: 41.325 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.04 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

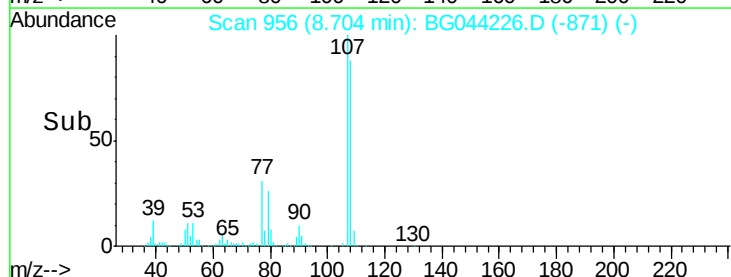
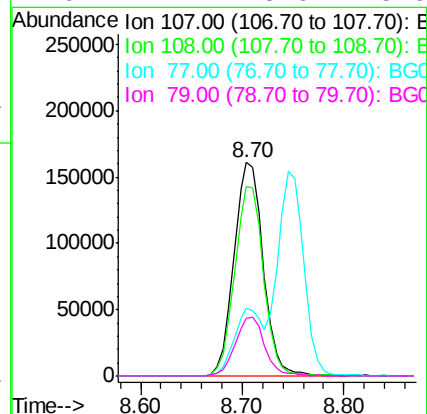
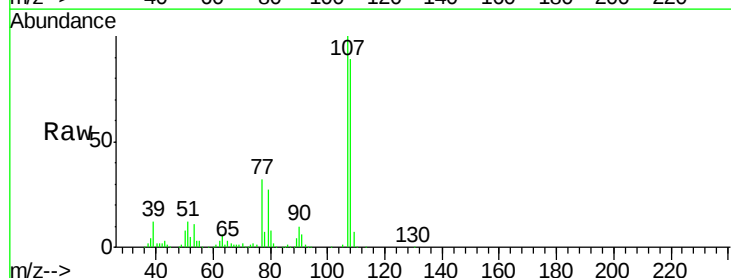
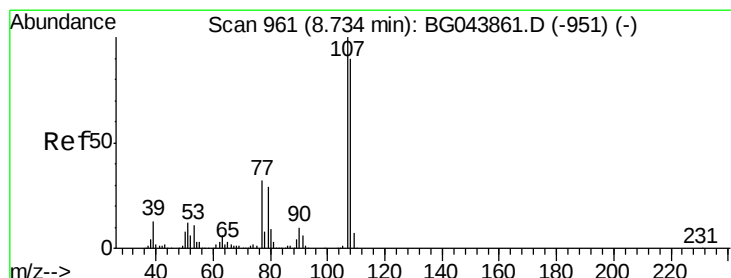
Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

Tot Ion:	70	Resp:	193428
Ion	Ratio	Lower	Upper
70	100		
42	57.7	47.0	70.4
101	9.4	7.2	10.8
130	22.6	15.6	23.4



#20
3+4-Methylphenols
Concen: 49.144 ng
RT: 8.70 min Scan# 956
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion:	107	Resp:	321275
Ion	Ratio	Lower	Upper
107	100		
108	88.8	70.3	110.3
77	31.9	12.4	52.4
79	27.1	8.6	48.6

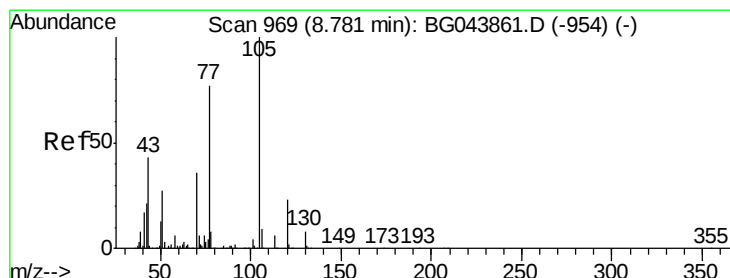
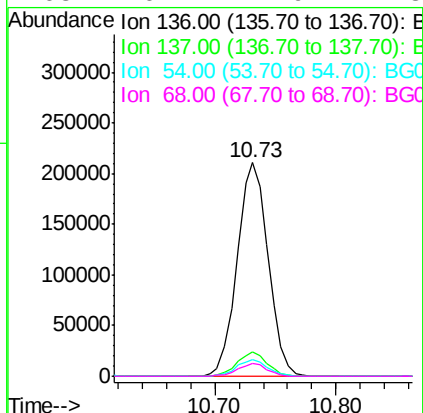
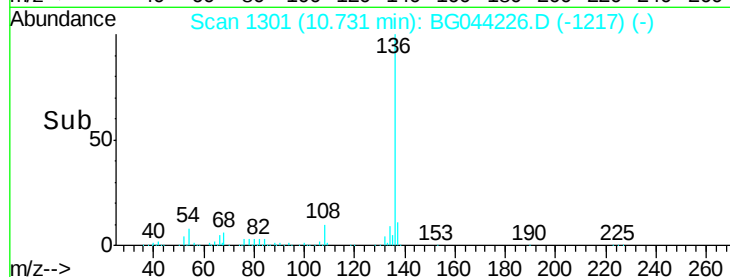
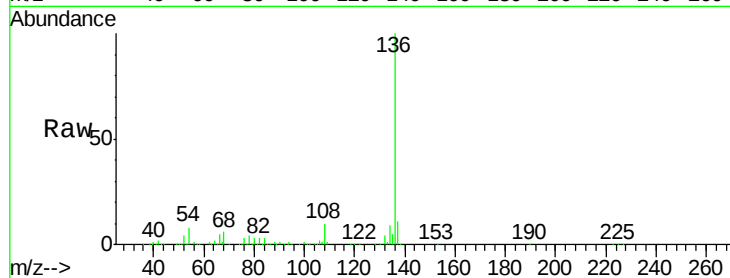




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

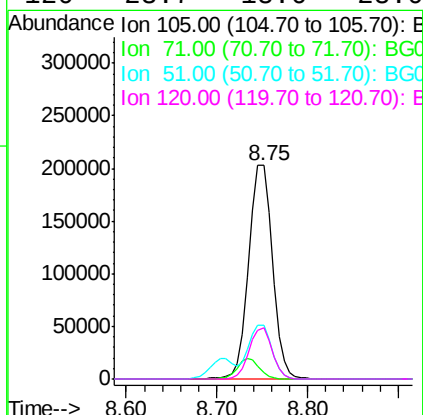
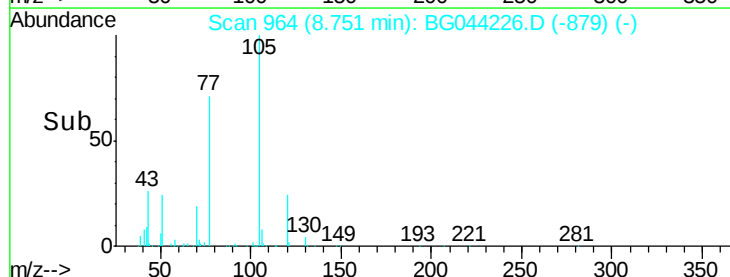
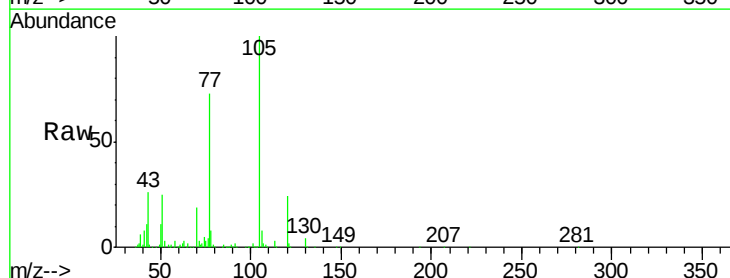
Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

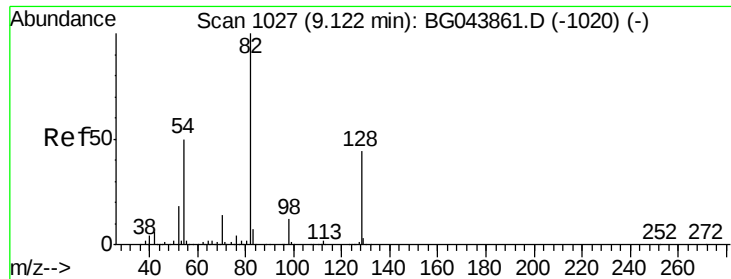
Tot Ion:136	Resp:	376121
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.8	13.2
54 7.9	7.0	10.4
68 6.1	4.9	7.3



#22
Acetophenone
Concen: 39.547 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt	Ion:105	Resp:	369788
Ion	Ratio	Lower	Upper
105	100		
71	3.3	4.8	7.2#
51	25.0	21.4	32.0
120	23.7	18.6	28.0

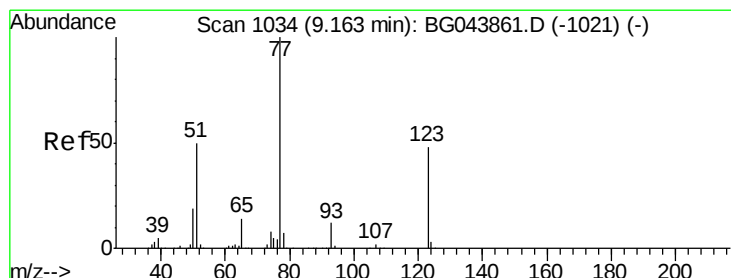
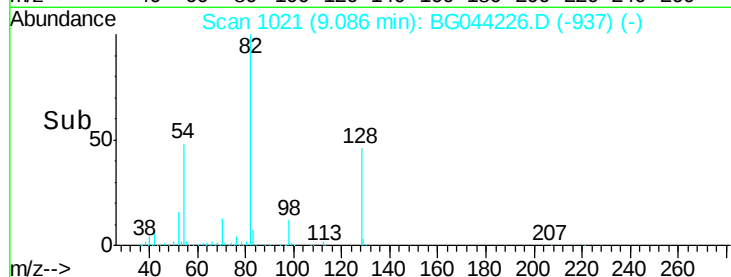
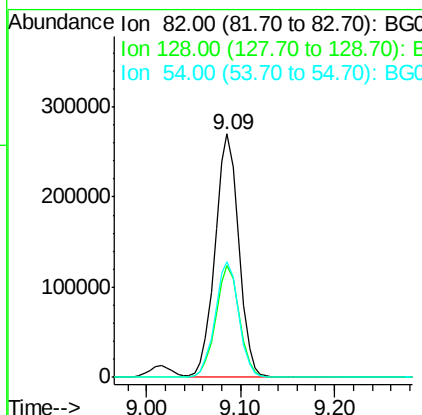
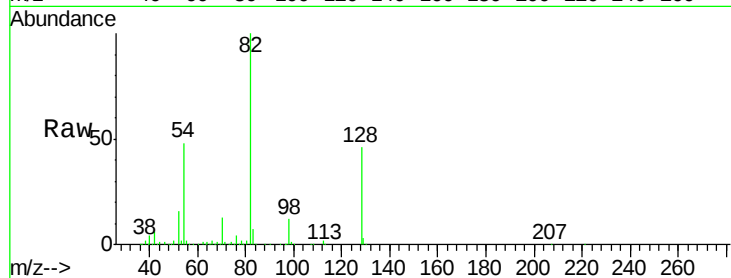




#23
Nitrobenzene-d5
Concen: 67.646 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

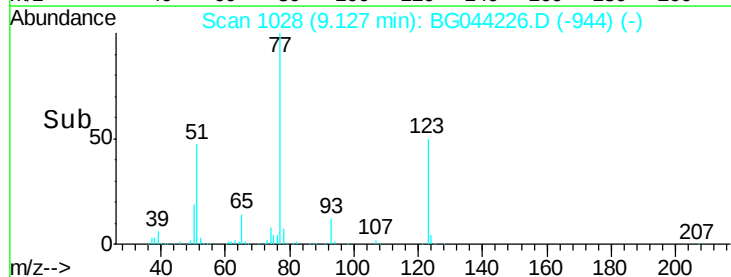
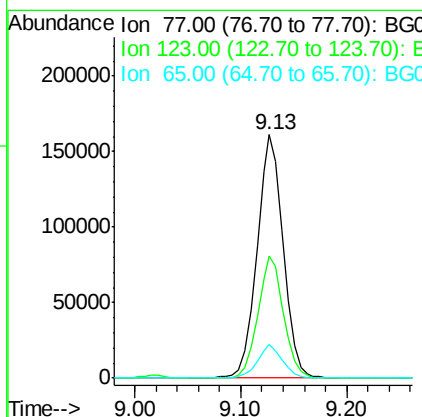
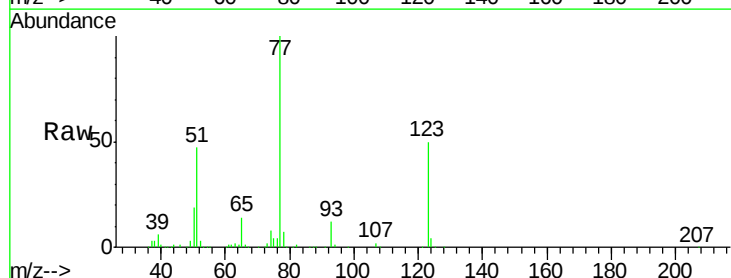
Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

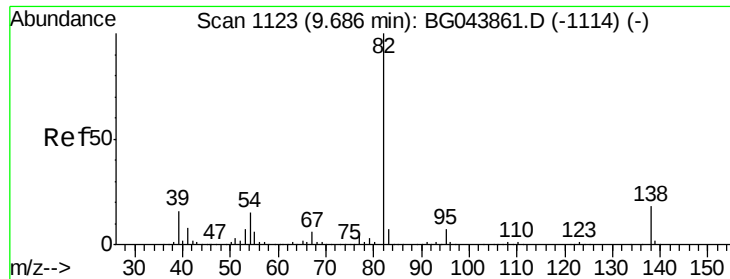
Tot Ion: 82 Resp: 475609
Ion Ratio Lower Upper
82 100
128 45.8 35.1 52.7
54 47.7 40.1 60.1



#24
Nitrobenzene
Concen: 39.851 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.04 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion: 77 Resp: 277502
Ion Ratio Lower Upper
77 100
123 50.1 38.7 58.1
65 13.7 11.1 16.7





#25

Isophorone

Concen: 40.773 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.04 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMS

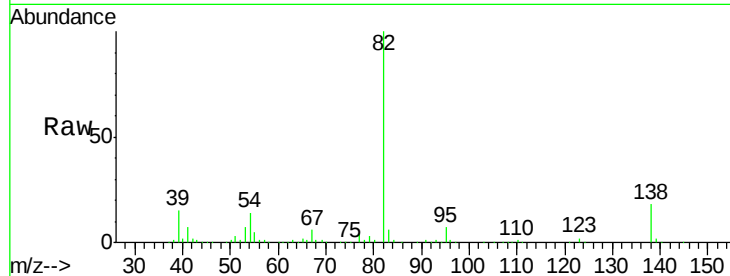
Tot Ion: 82 Resp: 537816

Ion Ratio Lower Upper

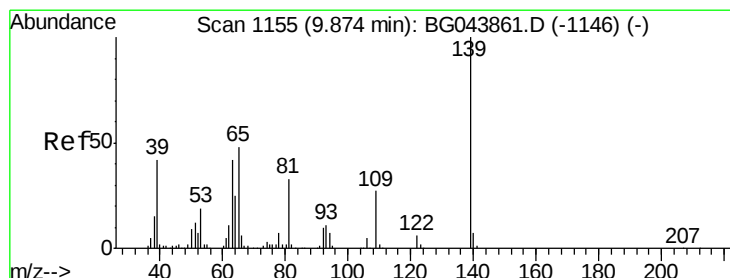
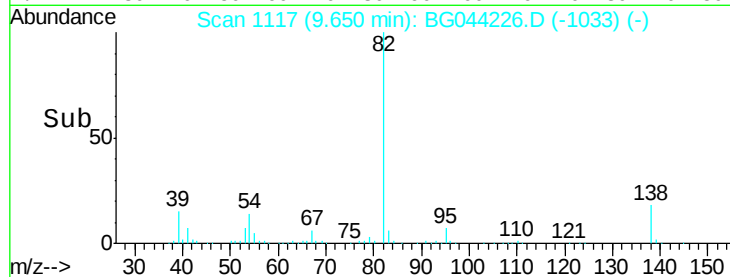
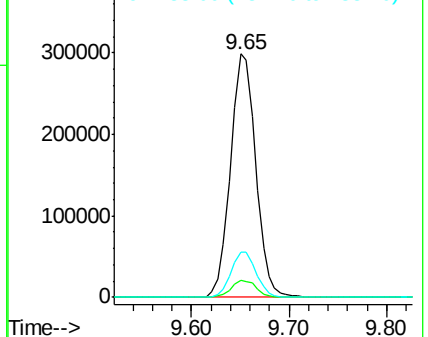
82 100

95 7.1 5.8 8.6

138 18.3 14.6 22.0



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



#26

2-Nitrophenol

Concen: 45.954 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.04 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

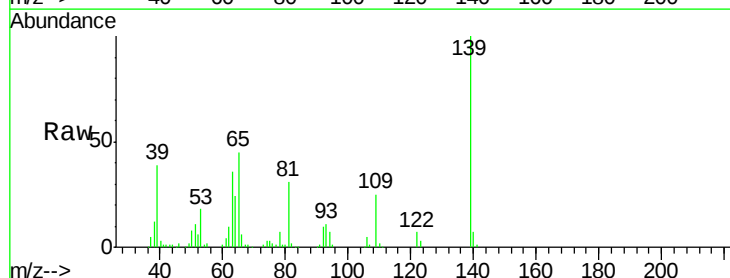
Tgt Ion: 139 Resp: 151397

Ion Ratio Lower Upper

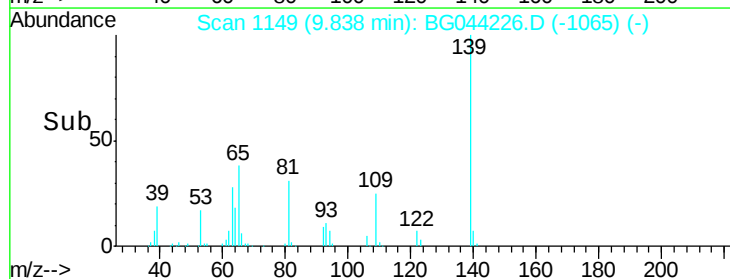
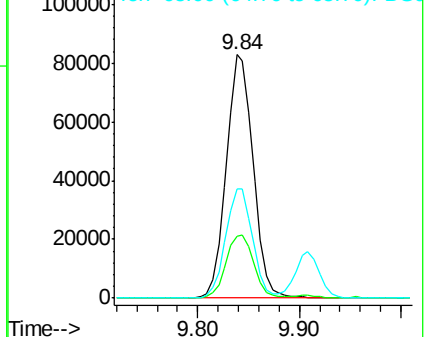
139 100

109 25.4 21.3 31.9

65 44.8 38.6 57.8



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

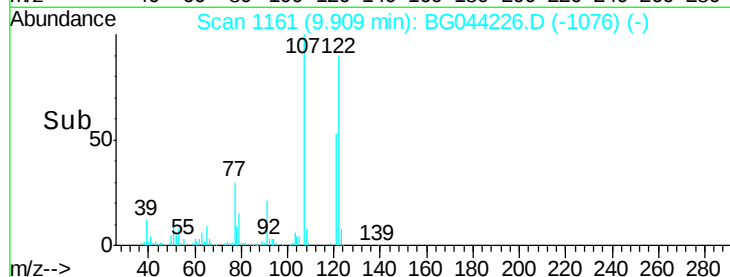
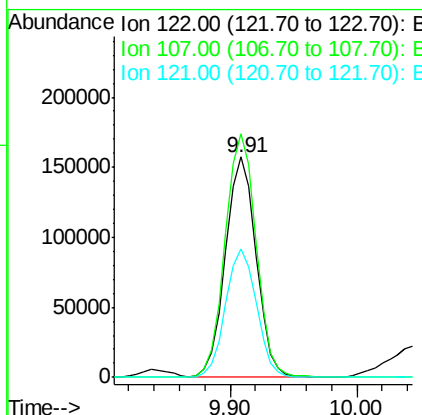
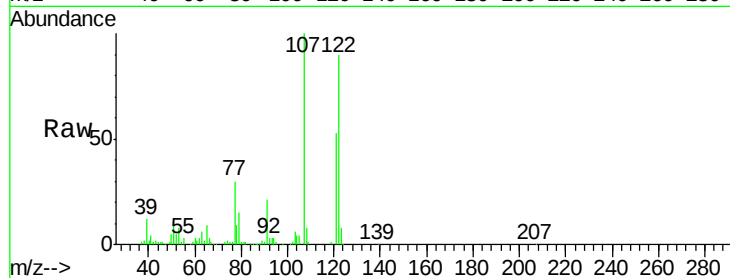




#27
 2,4-Dimethylphenol
 Concen: 52.833 ng
 RT: 9.91 min Scan# 1161
 Delta R.T. -0.03 min
 Lab File: BG044226.D
 Acq: 27 Jan 2020 22:05

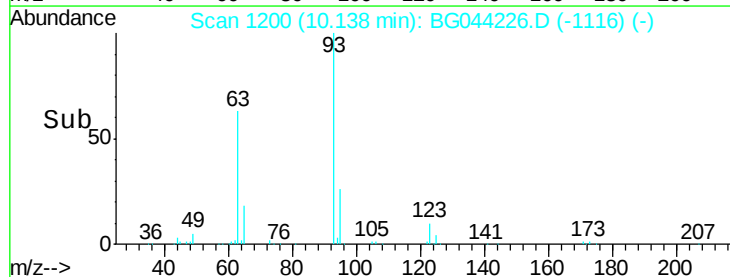
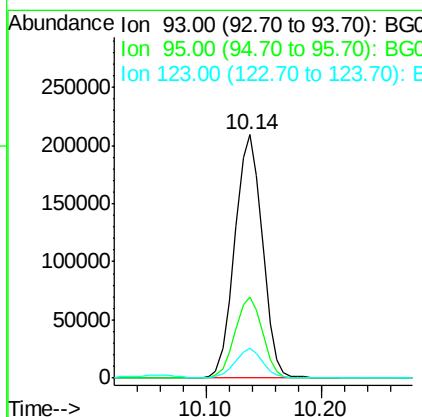
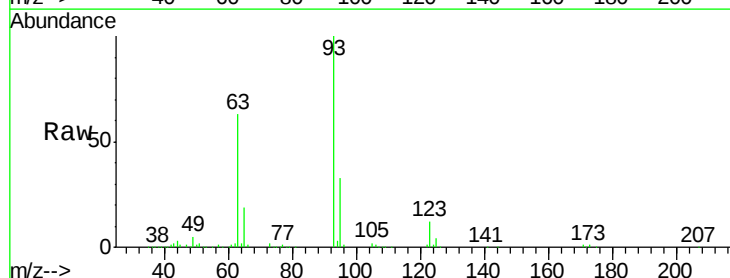
Instrument :
 BNA_G
 ClientSampleId :
 TP-22-21-COMPMS

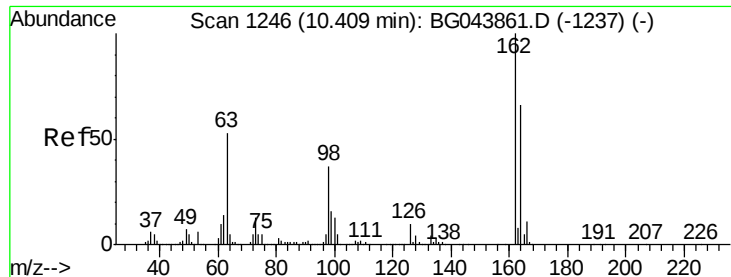
Tot Ion:122 Resp: 262014
 Ion Ratio Lower Upper
 122 100
 107 110.5 88.0 132.0
 121 58.3 49.0 73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.480 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.04 min
 Lab File: BG044226.D
 Acq: 27 Jan 2020 22:05

Tgt Ion: 93 Resp: 347183
 Ion Ratio Lower Upper
 93 100
 95 33.1 27.2 40.8
 123 12.0 9.7 14.5

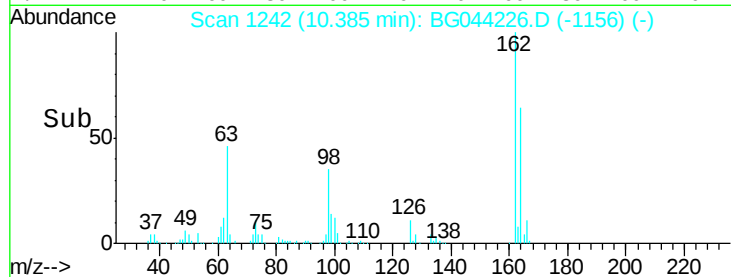
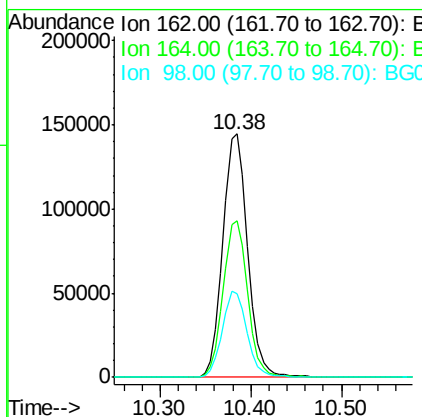
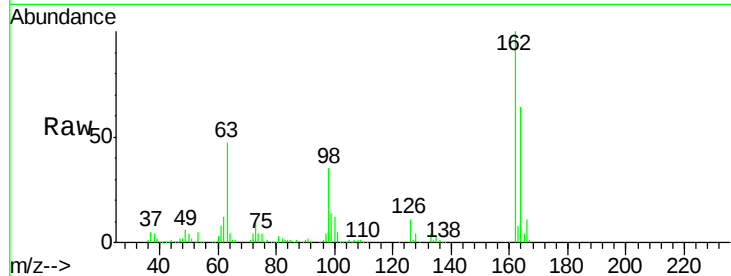




#29
 2,4-Dichlorophenol
 Concen: 46.502 ng
 RT: 10.38 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BG044226.D
 Acq: 27 Jan 2020 22:05

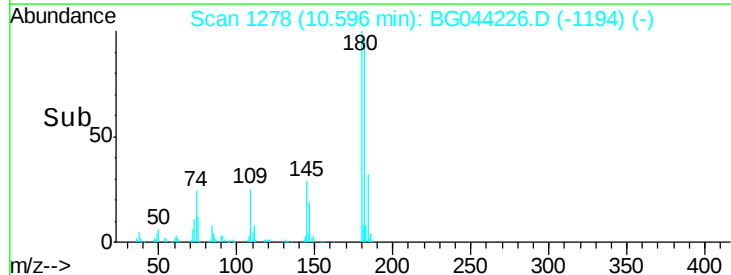
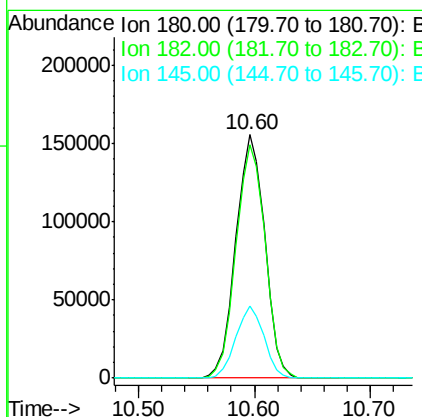
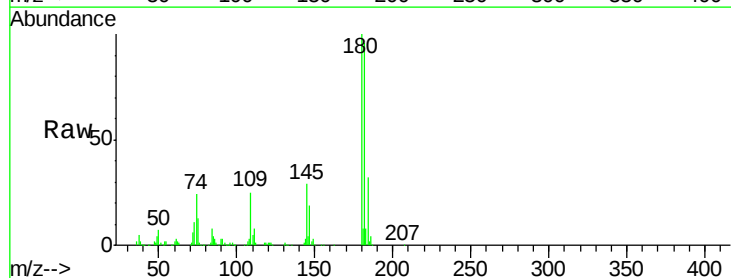
Instrument :
 BNA_G
 ClientSampleId :
 TP-22-21-COMPMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	46.3	86.3
98	34.6	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 40.714 ng
 RT: 10.60 min Scan# 1278
 Delta R.T. -0.04 min
 Lab File: BG044226.D
 Acq: 27 Jan 2020 22:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.0	112.4
145	29.4	24.2	36.4

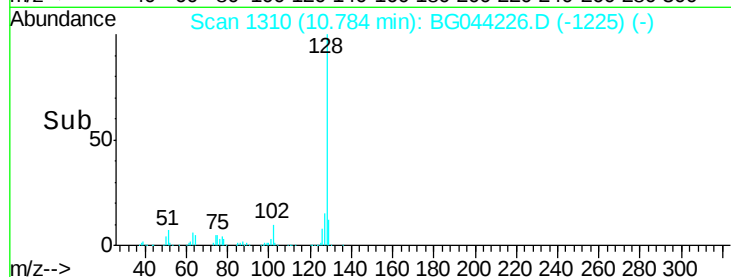
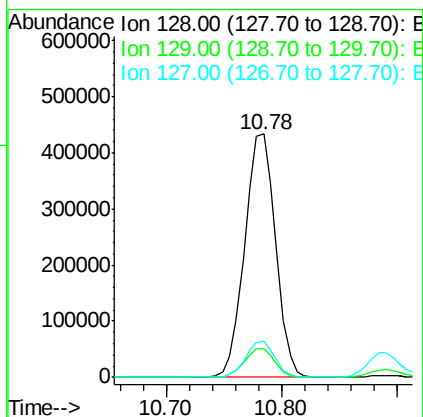
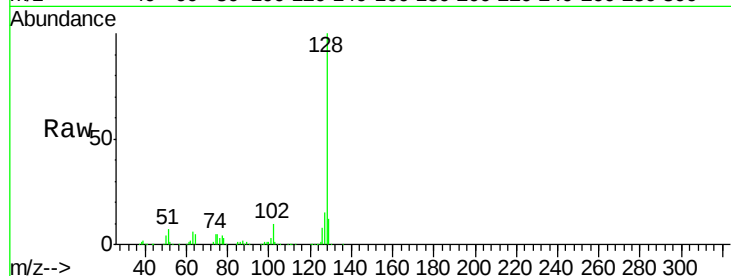




#31
Naphthalene
Concen: 44.327 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

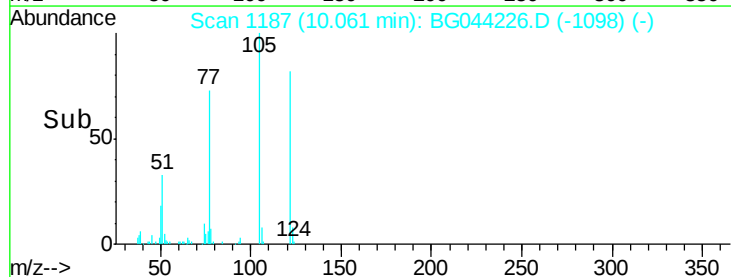
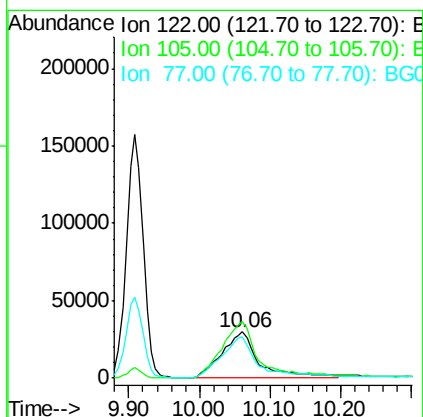
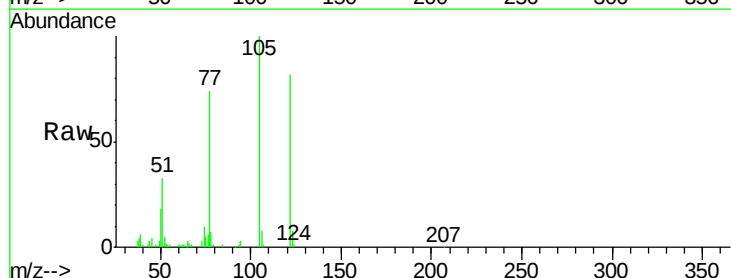
Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.8	14.6
127	14.7	12.0	18.0



#32
Benzoic acid
Concen: 29.110 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.8	106.4	146.4
77	90.4	74.6	114.6

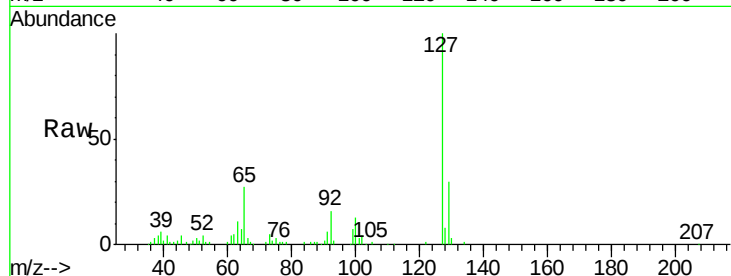




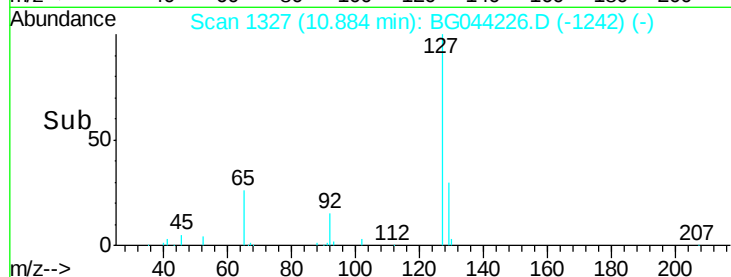
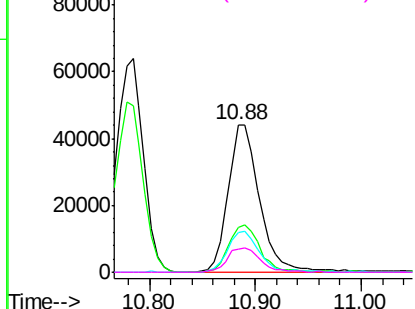
#33
4-Chloroaniline
Concen: 10.430 ng
RT: 10.88 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

Tot Ion:	127	Resp:	90542
Ion	Ratio	Lower	Upper
127	100		
129	30.1	26.6	40.0
65	26.7	23.3	34.9
92	15.6	14.7	22.1

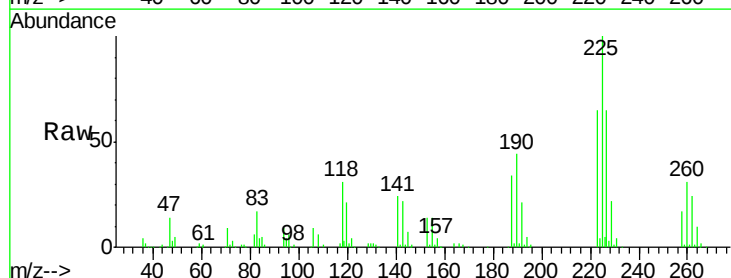


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

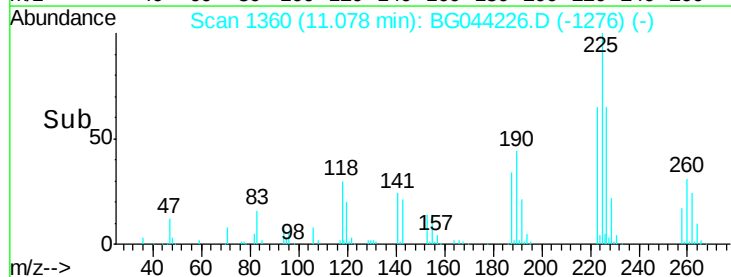
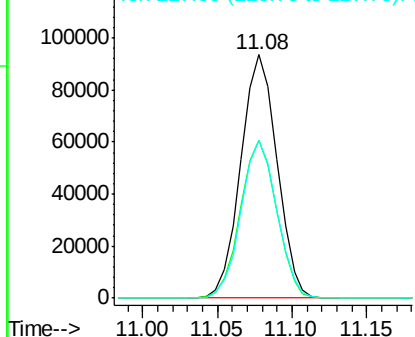


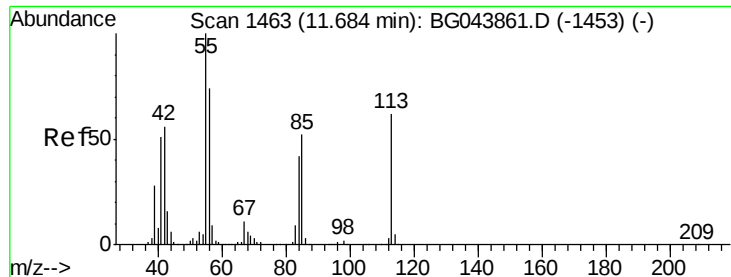
#34
Hexachlorobutadiene
Concen: 38.974 ng
RT: 11.08 min Scan# 1360
Delta R.T. -0.04 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion:	225	Resp:	157833
Ion	Ratio	Lower	Upper
225	100		
223	65.0	52.2	78.4
227	64.7	52.1	78.1



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





#35

Caprolactam

Concen: 36.474 ng

RT: 11.65 min Scan# 1458

Delta R.T. -0.03 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMS

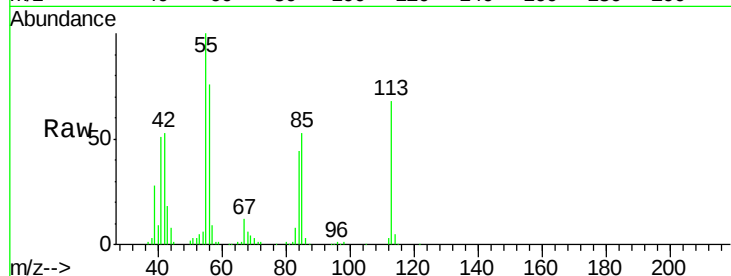
Tot Ion:113 Resp: 80323

Ion Ratio Lower Upper

113 100

55 146.7 142.5 182.5

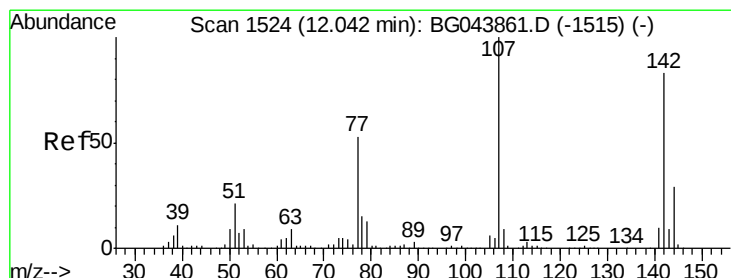
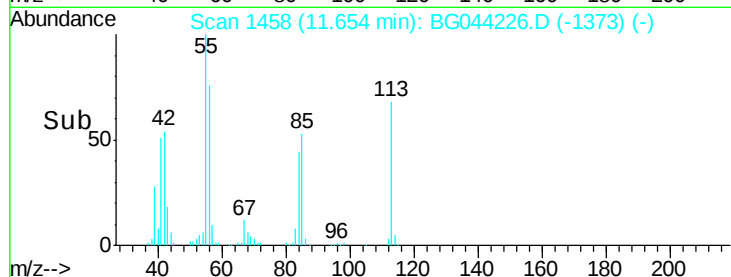
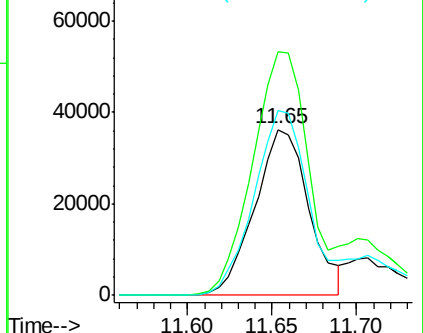
56 111.6 101.4 141.4



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: 46.396 ng

RT: 12.02 min Scan# 1521

Delta R.T. -0.02 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

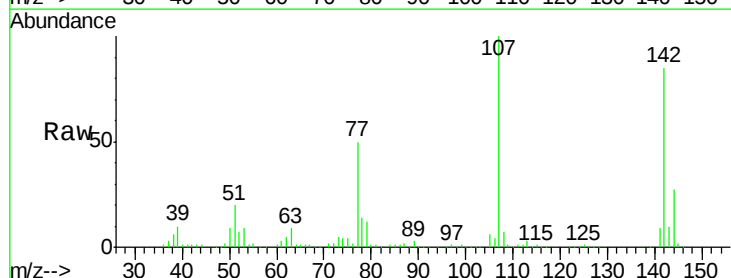
Tgt Ion:107 Resp: 292175

Ion Ratio Lower Upper

107 100

144 27.3 23.4 35.2

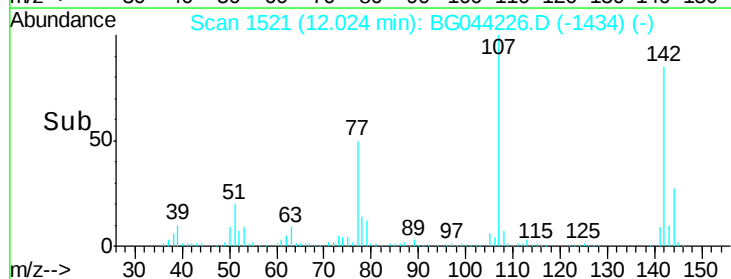
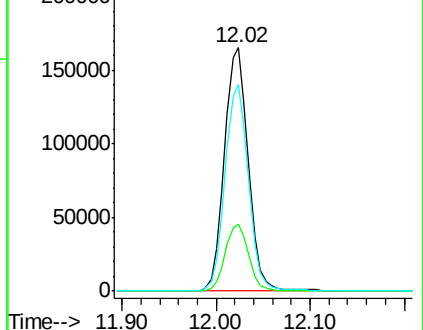
142 85.0 66.3 99.5

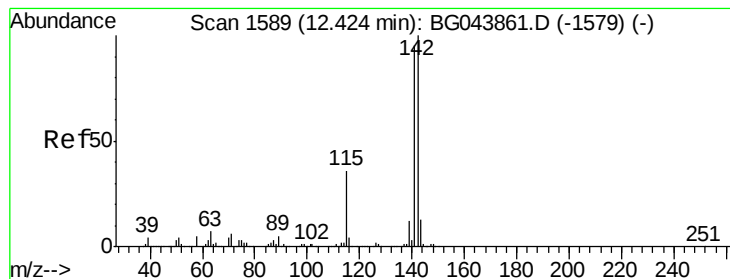


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.257 ng

RT: 12.39 min Scan# 1583

Delta R.T. -0.04 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMS

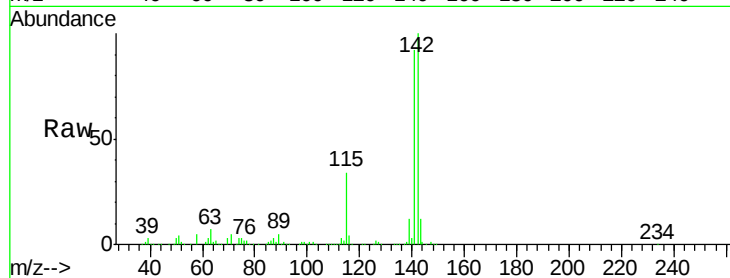
Tot Ion:142 Resp: 606448

Ion Ratio Lower Upper

142 100

141 91.5 75.8 113.8

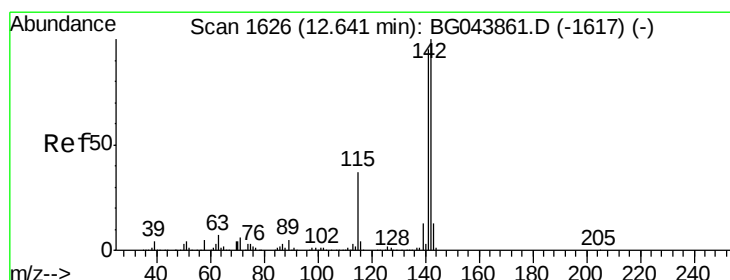
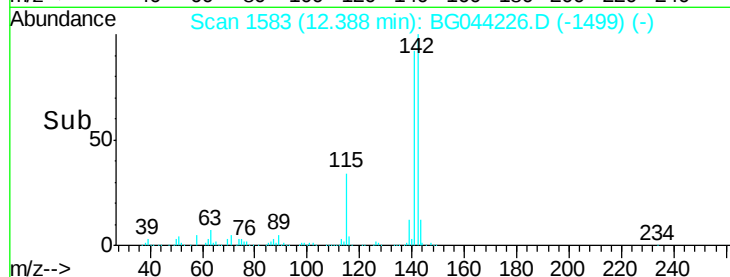
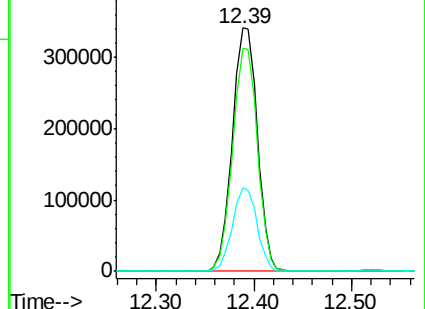
115 34.5 28.6 42.8



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: 44.468 ng

RT: 12.61 min Scan# 1621

Delta R.T. -0.03 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

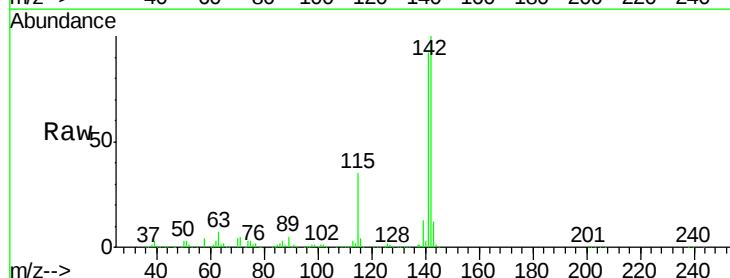
Tgt Ion:142 Resp: 577512

Ion Ratio Lower Upper

142 100

141 92.4 76.0 114.0

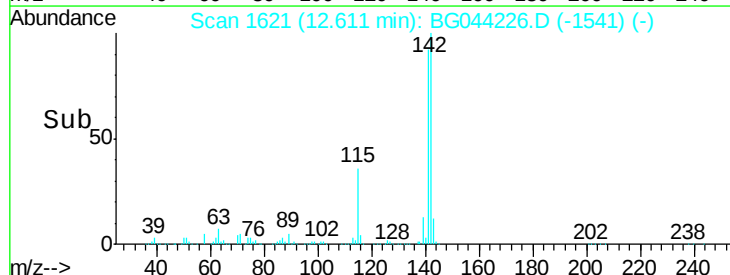
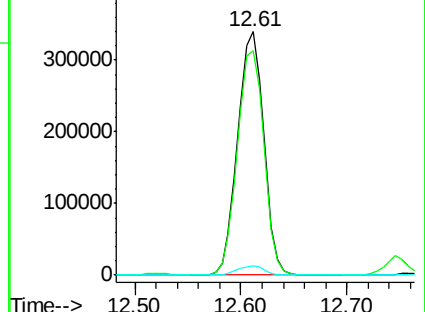
116 4.0 3.1 4.7

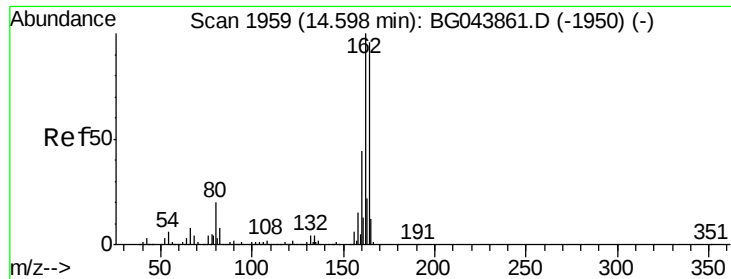


Abundance Ion 142.00 (141.70 to 142.70): E

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: BG044226.D

Acq: 27 Jan 2020 22:05

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMS

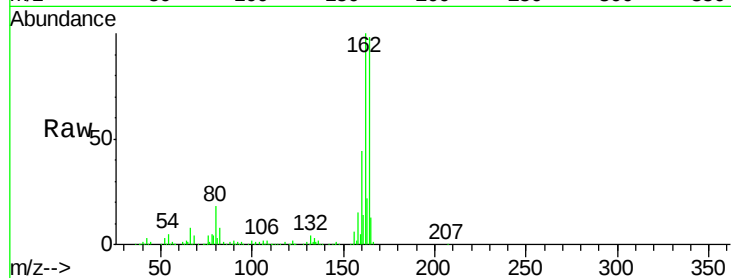
Tot Ion:164 Resp: 251694

Ion Ratio Lower Upper

164 100

162 101.6 83.0 124.4

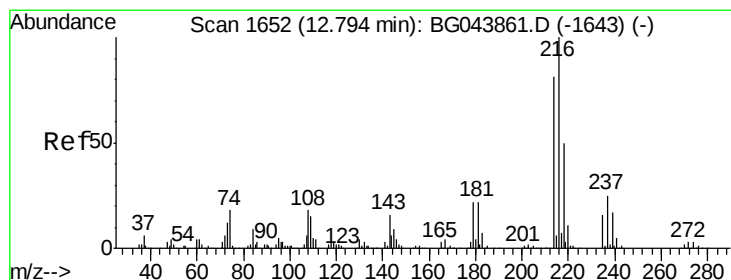
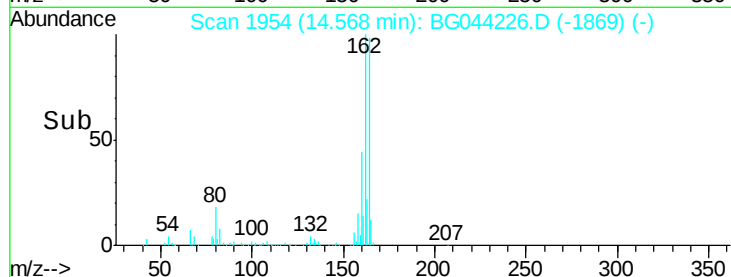
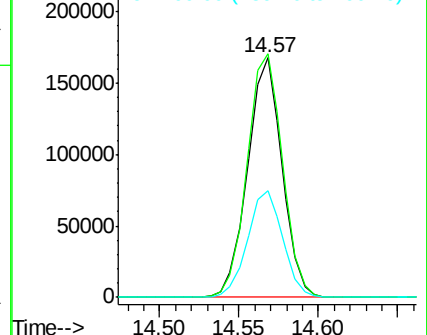
160 44.5 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.250 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.03 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Tgt Ion:216 Resp: 296934

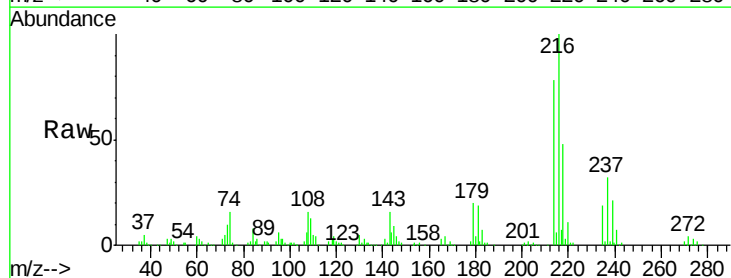
Ion Ratio Lower Upper

216 100

214 78.8 63.8 95.8

179 21.1 17.3 25.9

108 19.0 15.3 22.9

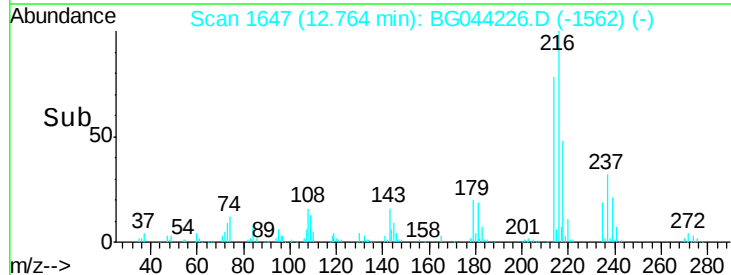
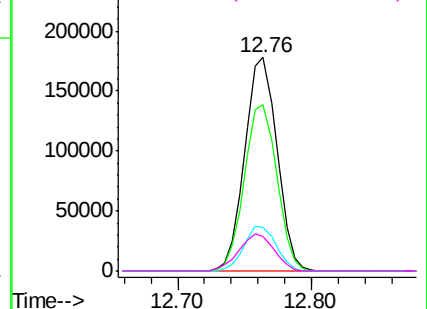


Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.862 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.04 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMS

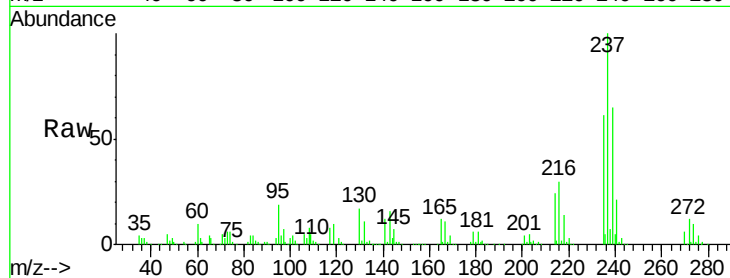
Tot Ion:237 Resp: 324563

Ion Ratio Lower Upper

237 100

235 61.4 41.1 81.1

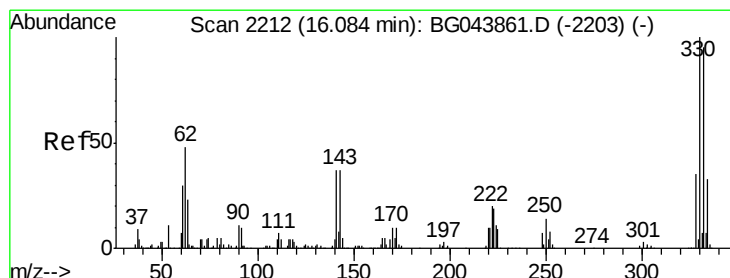
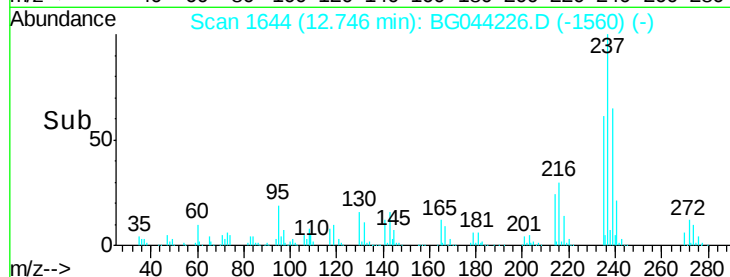
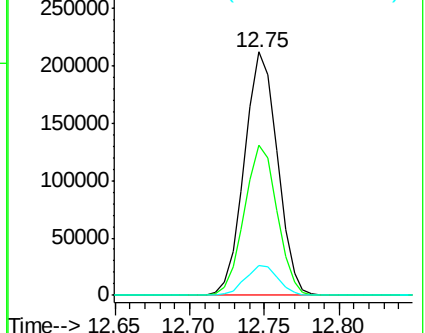
272 12.3 0.0 31.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 120.214 ng

RT: 16.05 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

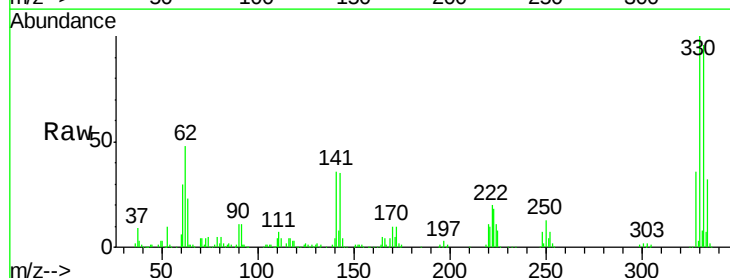
Tgt Ion:330 Resp: 316635

Ion Ratio Lower Upper

330 100

332 96.8 77.2 115.8

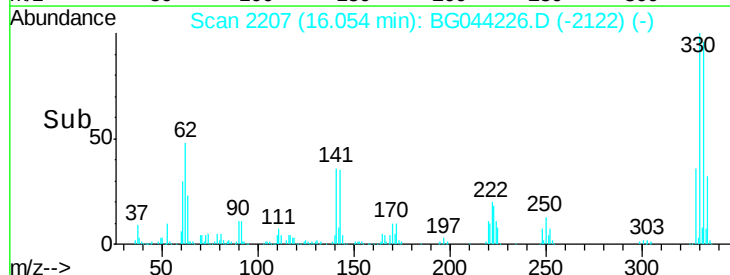
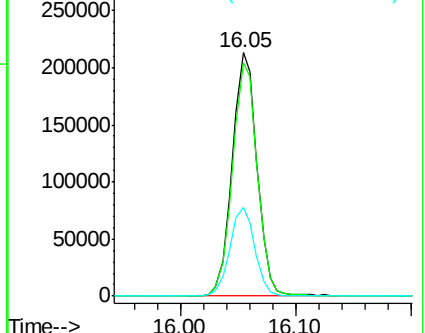
141 37.0 33.1 49.7



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

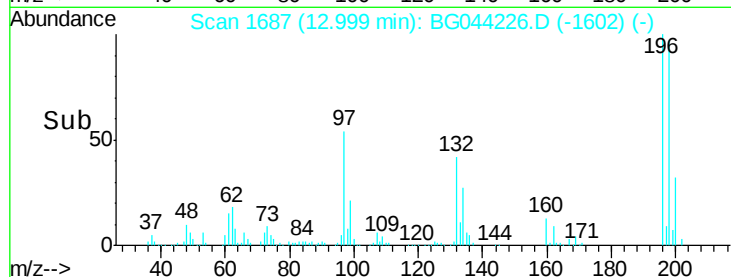
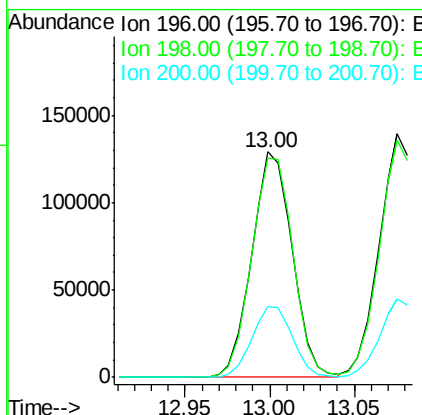
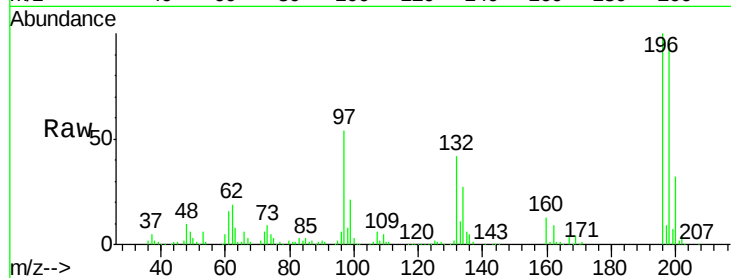




#43
 2,4,6-Trichlorophenol
 Concen: 42.304 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. -0.03 min
 Lab File: BG044226.D
 Acq: 27 Jan 2020 22:05

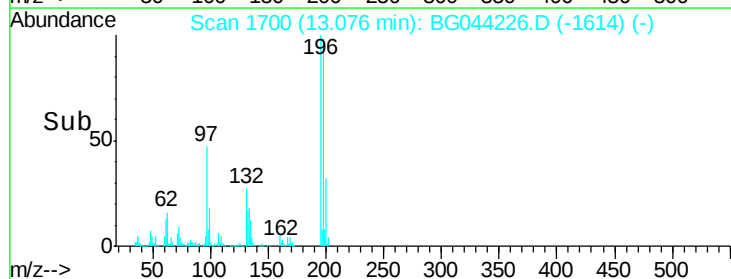
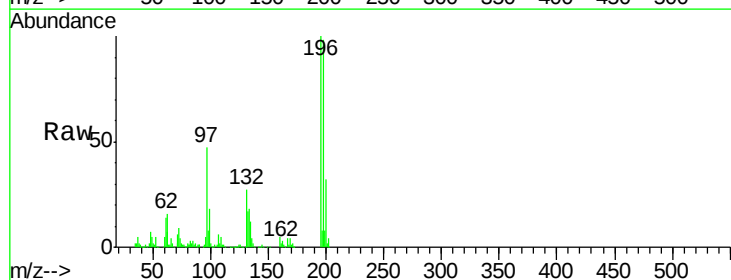
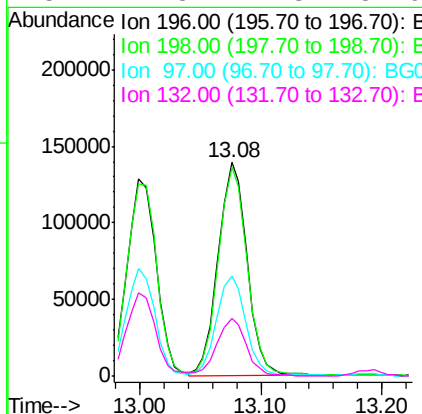
Instrument :
 BNA_G
 ClientSampleId :
 TP-22-21-COMPMS

Tot Ion:196 Resp: 214738
 Ion Ratio Lower Upper
 196 100
 198 97.2 76.6 115.0
 200 31.7 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 44.274 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG044226.D
 Acq: 27 Jan 2020 22:05

Tgt Ion:196 Resp: 231789
 Ion Ratio Lower Upper
 196 100
 198 97.7 78.3 117.5
 97 47.0 38.8 58.2
 132 27.3 21.3 31.9



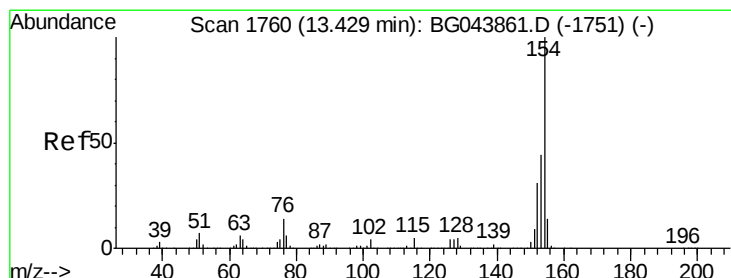
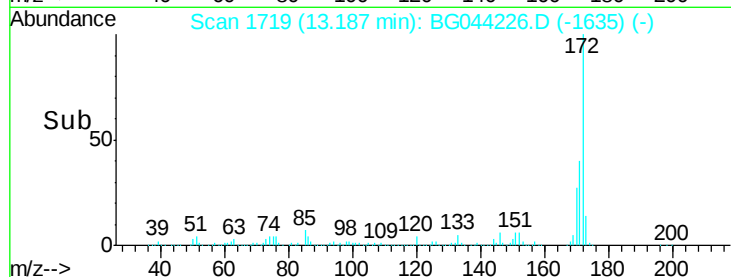
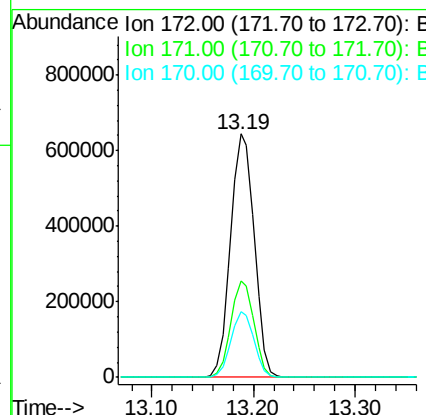
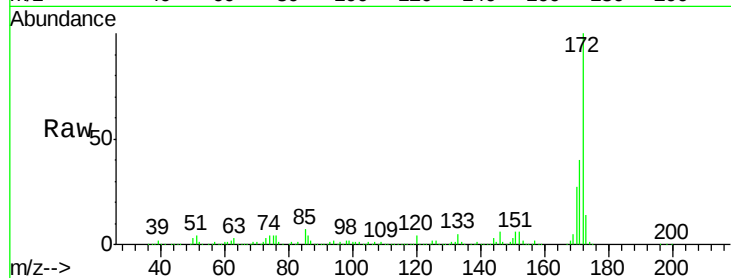


#45
 2-Fluorobiphenyl
 Concen: 75.141 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.04 min
 Lab File: BG044226.D
 Acq: 27 Jan 2020 22:05

Instrument :
 BNA_G
 ClientSampleId :
 TP-22-21-COMPMS

Tot Ion:172 Resp: 1043872

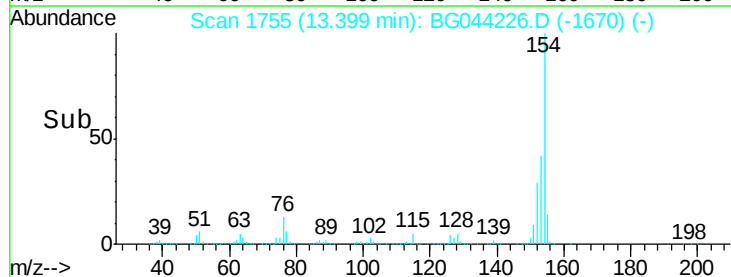
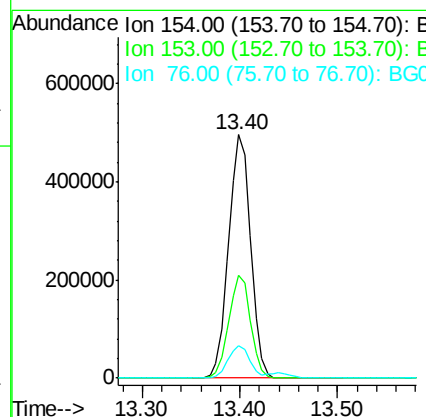
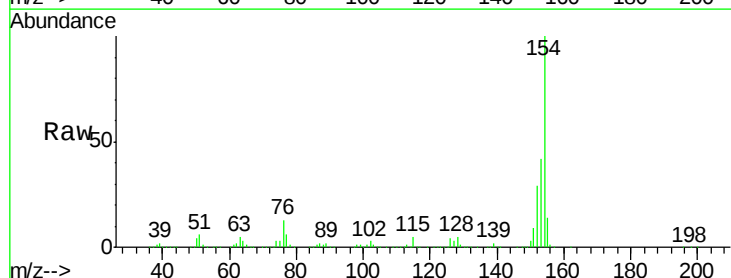
Ion	Ratio	Lower	Upper
172	100		
171	39.7	35.8	53.8
170	26.9	24.2	36.4



#46
 1,1'-Biphenyl
 Concen: 42.876 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.03 min
 Lab File: BG044226.D
 Acq: 27 Jan 2020 22:05

Tgt Ion:154 Resp: 773736

Ion	Ratio	Lower	Upper
154	100		
153	42.4	23.6	63.6
76	13.4	0.0	34.4

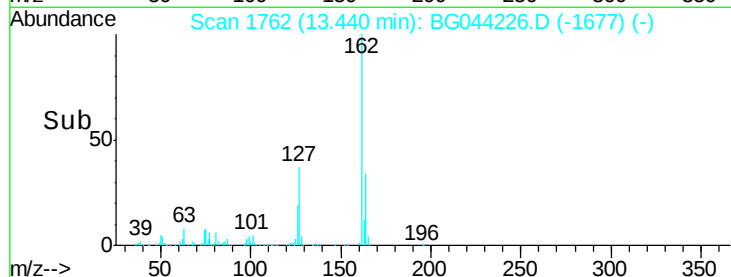
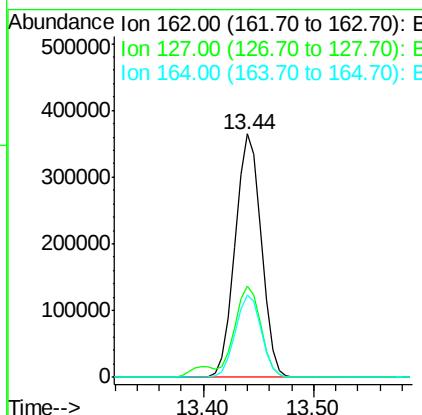
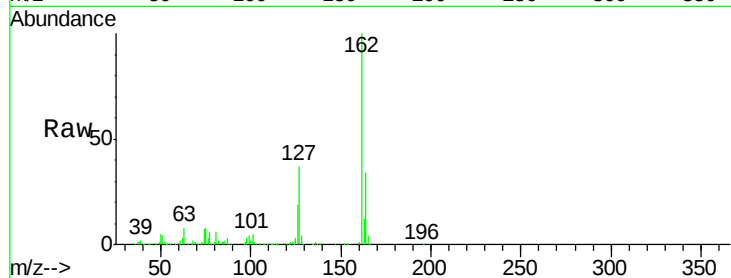




#47
 2-Chloronaphthalene
 Concen: 41.710 ng
 RT: 13.44 min Scan# 1762
 Delta R.T. -0.03 min
 Lab File: BG044226.D
 Acq: 27 Jan 2020 22:05

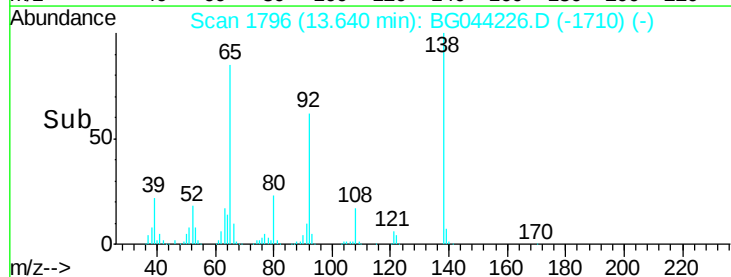
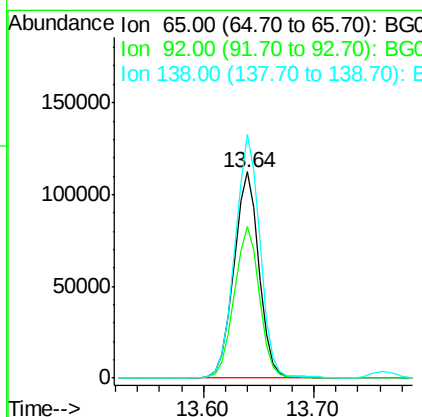
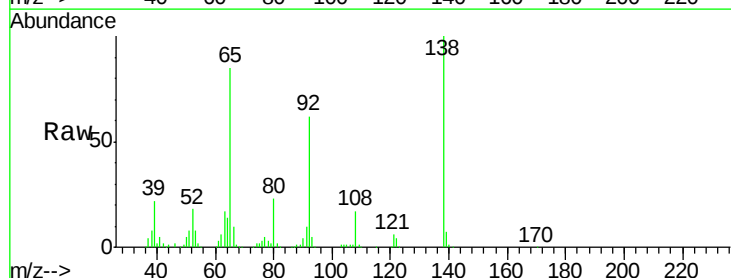
Instrument :
 BNA_G
 ClientSampleId :
 TP-22-21-COMPMS

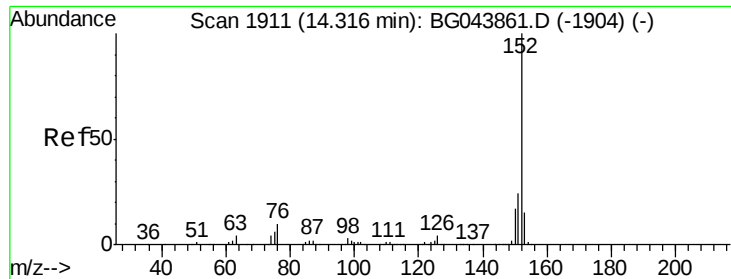
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	32.1	48.1
164	33.9	27.5	41.3



#48
 2-Nitroaniline
 Concen: 38.439 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.02 min
 Lab File: BG044226.D
 Acq: 27 Jan 2020 22:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.2	57.4	86.2
138	117.9	88.2	132.4





#49

Acenaphthylene

Concen: 45.752 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.03 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMS

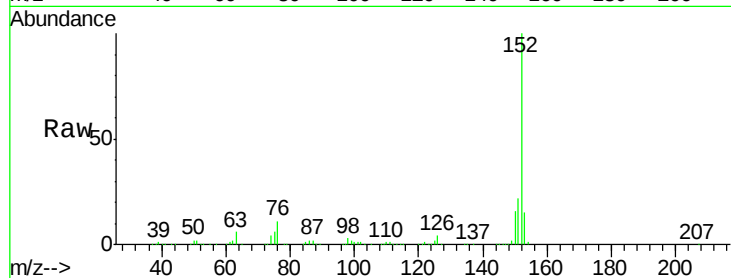
Tot Ion:152 Resp: 958924

Ion Ratio Lower Upper

152 100

151 22.4 19.4 29.2

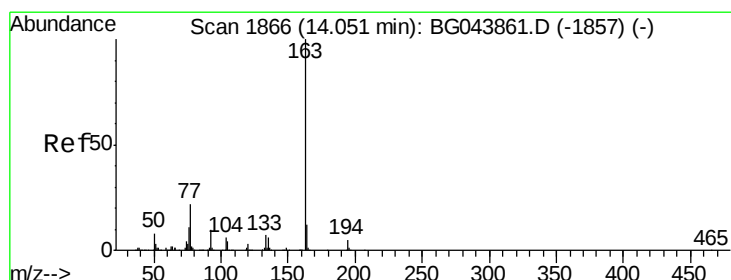
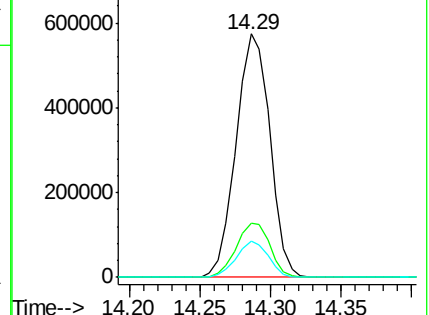
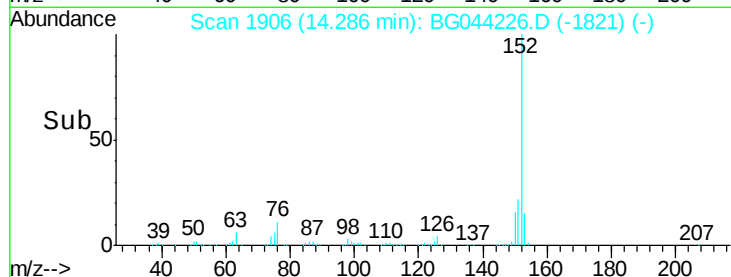
153 14.8 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.162 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.03 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

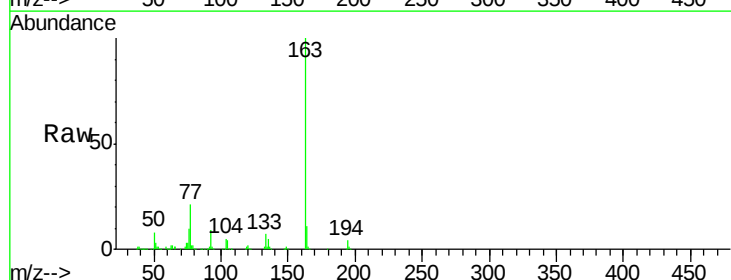
Tgt Ion:163 Resp: 896456

Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

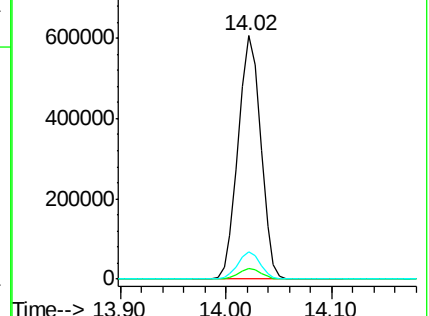
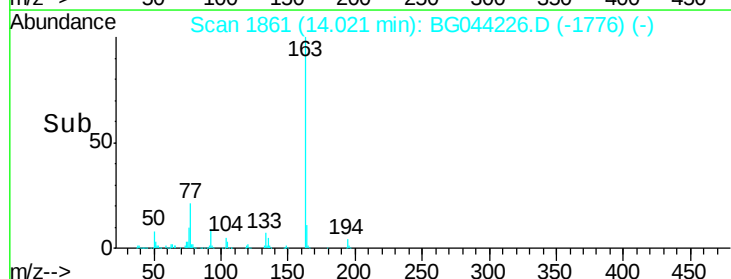
164 11.2 9.3 13.9

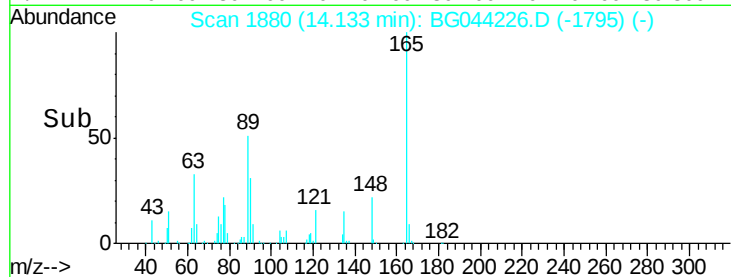
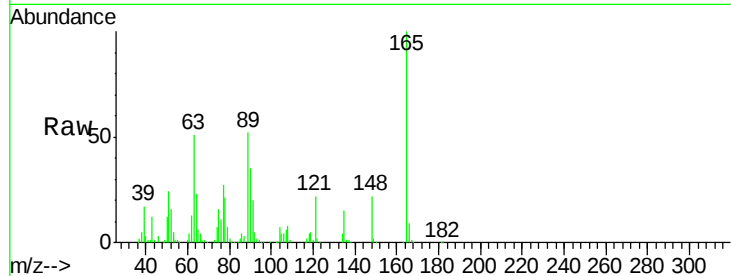


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

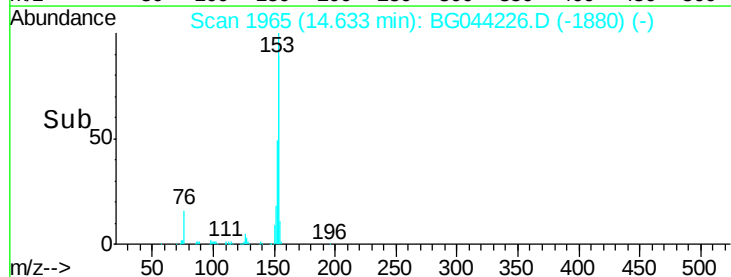
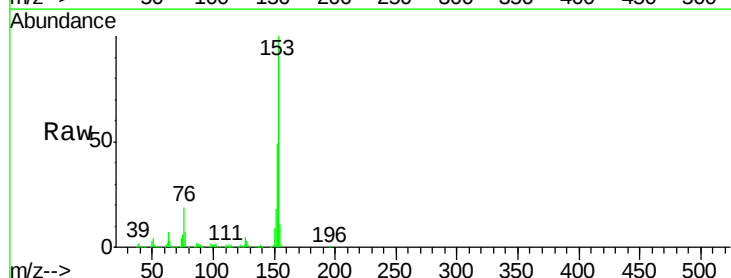
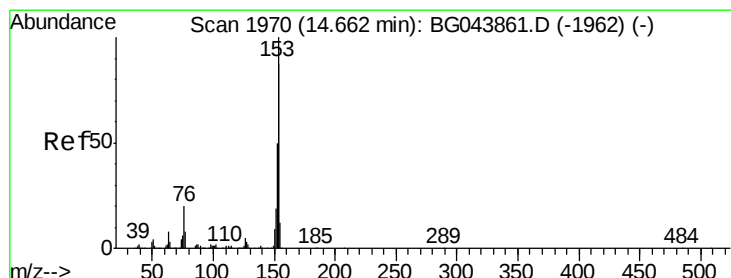
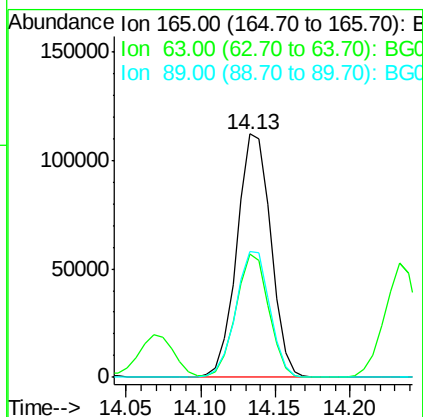




#51
2,6-Dinitrotoluene
Concen: 43.761 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

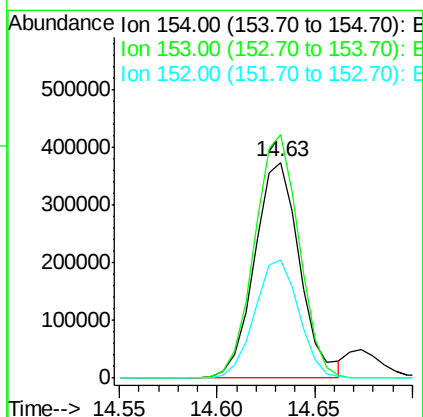
Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

Tot Ion:165 Resp: 176764
Ion Ratio Lower Upper
165 100
63 50.5 43.1 64.7
89 51.6 43.8 65.6



#52
Acenaphthene
Concen: 40.854 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion:154 Resp: 600495
Ion Ratio Lower Upper
154 100
153 112.7 91.6 137.4
152 54.8 45.4 68.0

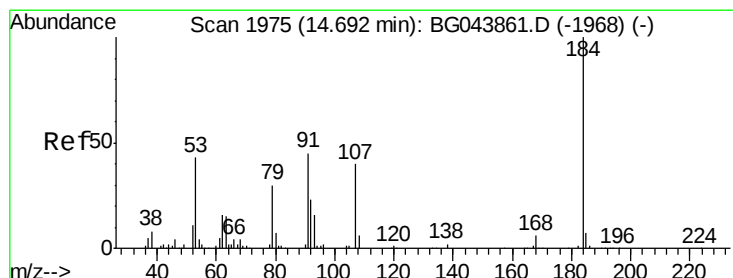
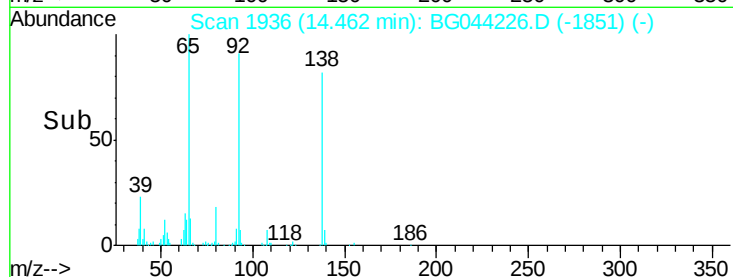
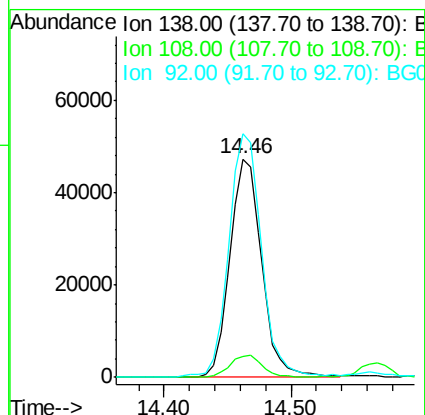
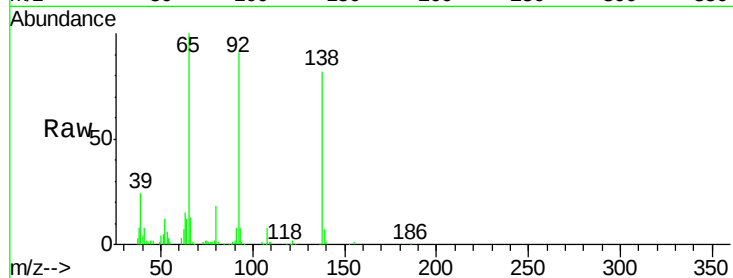




#53
3-Nitroaniline
Concen: 17.851 ng
RT: 14.46 min Scan# 1936
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

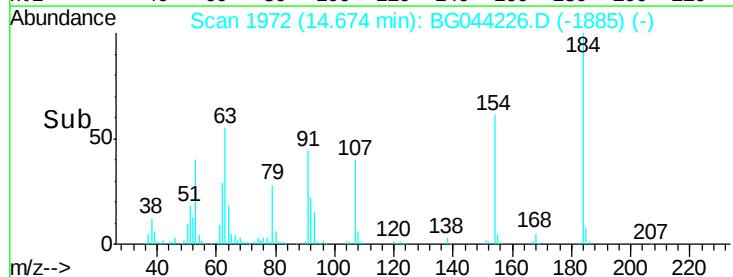
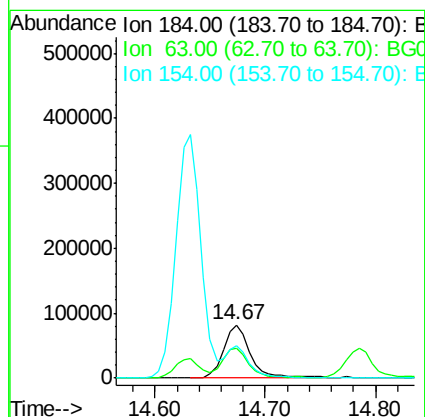
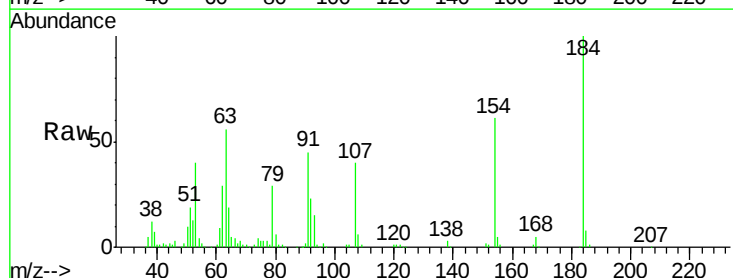
Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

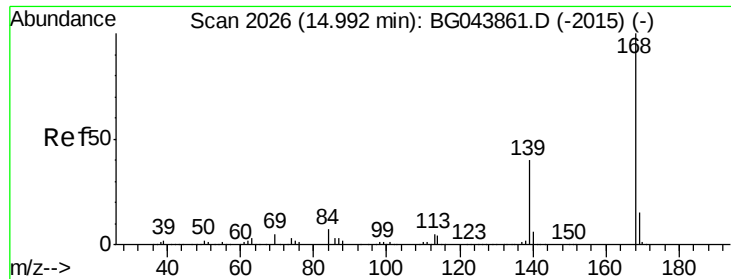
Tot Ion:138 Resp: 81884
Ion Ratio Lower Upper
138 100
108 9.5 7.4 11.2
92 111.5 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 68.851 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.02 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion:184 Resp: 139996
Ion Ratio Lower Upper
184 100
63 56.4 46.6 70.0
154 61.3 50.2 75.4

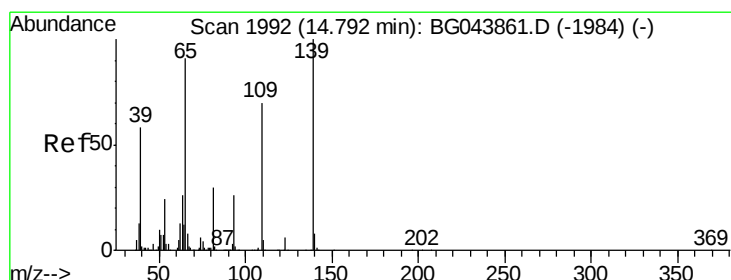
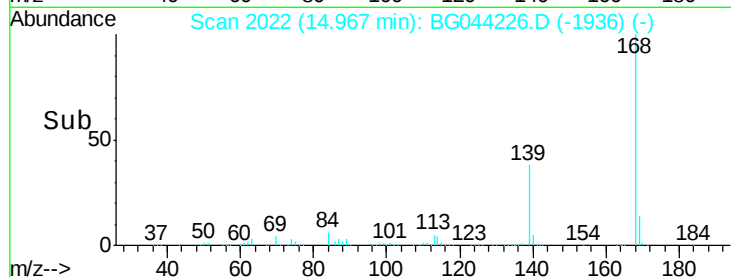
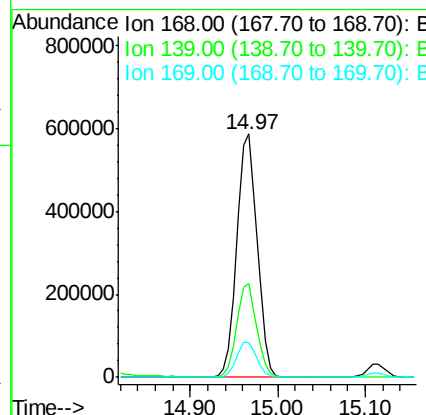
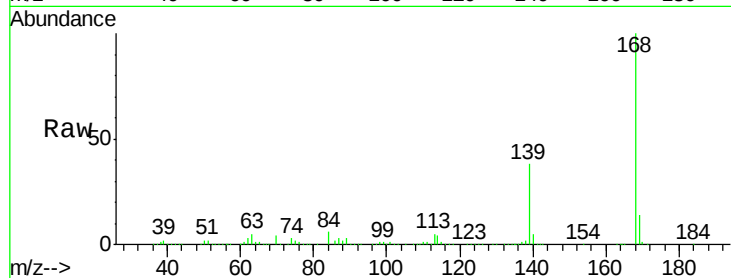




#55
Dibenzofuran
Concen: 45.668 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

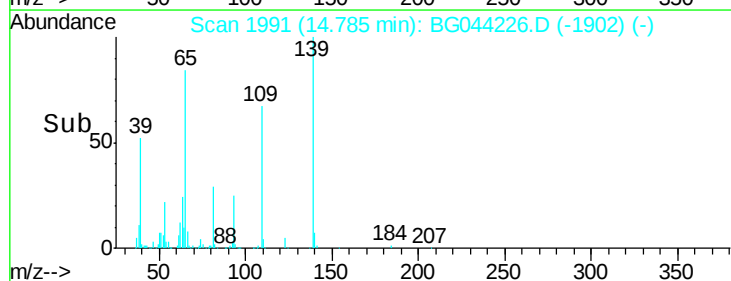
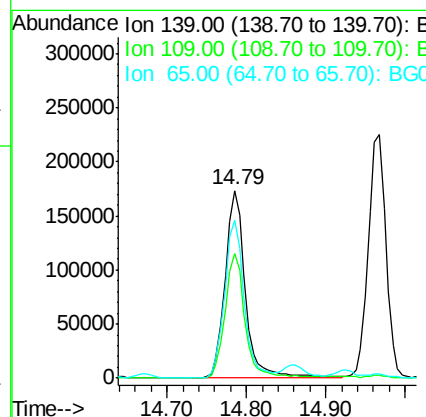
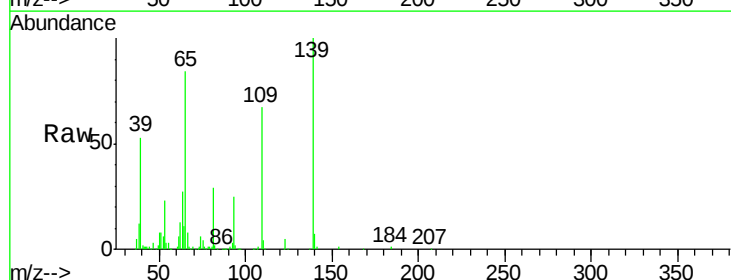
Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

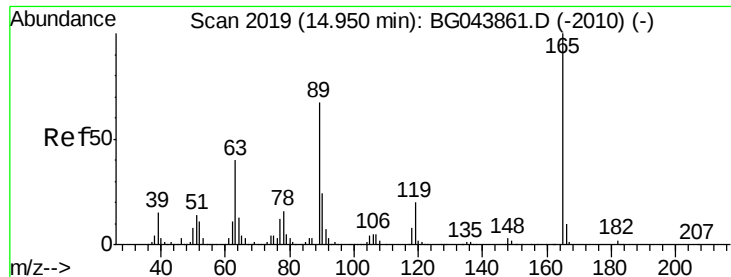
Tot Ion:168 Resp: 924058
Ion Ratio Lower Upper
168 100
139 38.4 32.2 48.2
169 14.4 12.2 18.2



#56
4-Nitrophenol
Concen: 87.660 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion:139 Resp: 308128
Ion Ratio Lower Upper
139 100
109 66.6 50.4 90.4
65 84.2 71.4 111.4

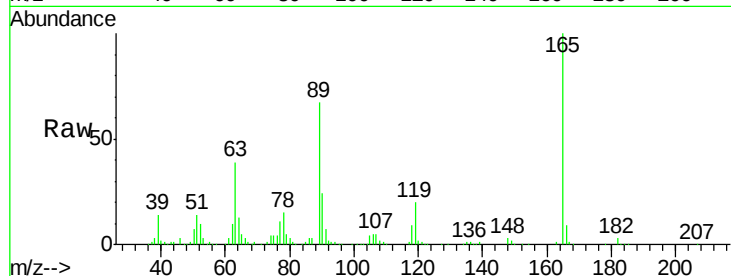




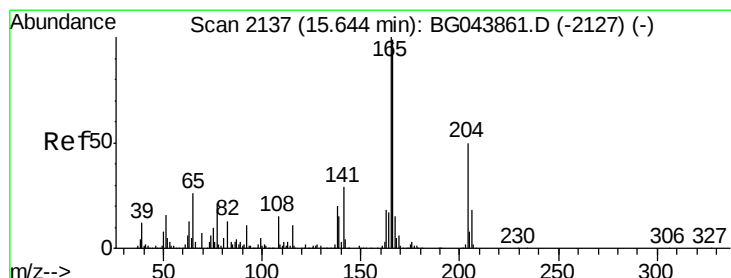
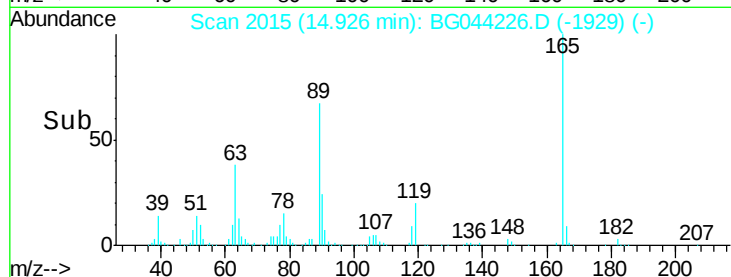
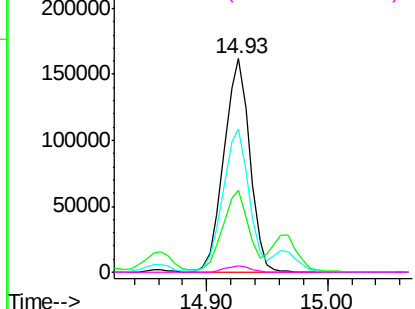
#57
2,4-Dinitrotoluene
Concen: 43.816 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

Tot Ion:165 Resp: 240823
Ion Ratio Lower Upper
165 100
63 38.5 31.9 47.9
89 67.2 53.8 80.6
182 3.0 2.0 3.0

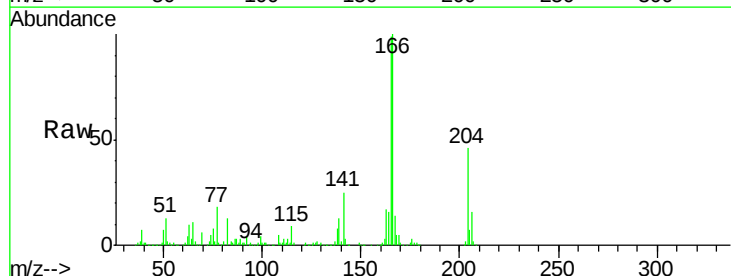


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

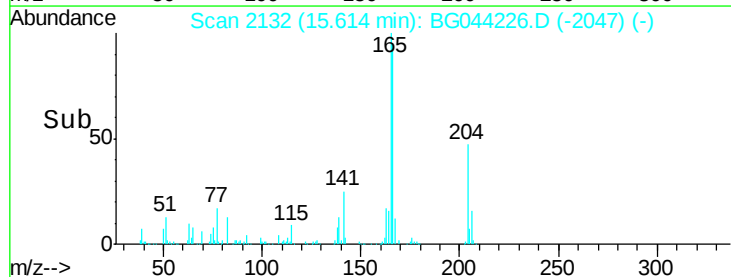
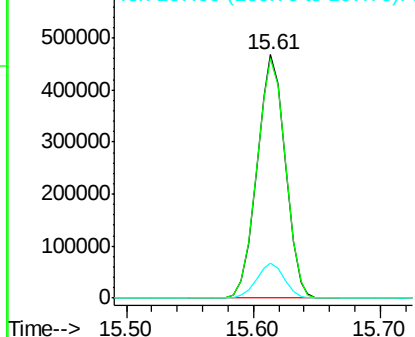


#58
Fluorene
Concen: 45.137 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion:166 Resp: 723893
Ion Ratio Lower Upper
166 100
165 98.6 80.8 121.2
167 14.3 12.1 18.1



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

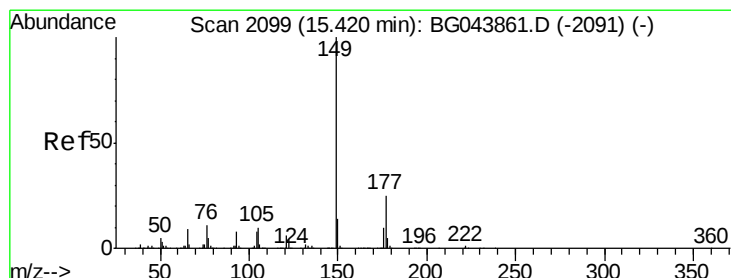
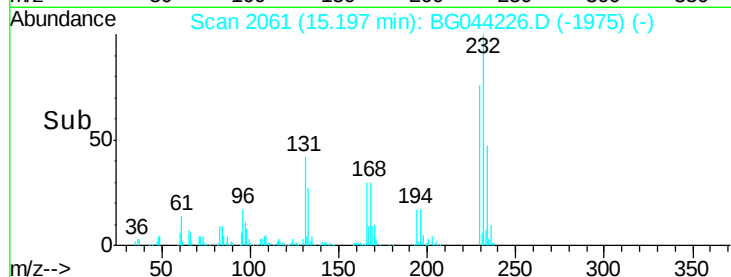
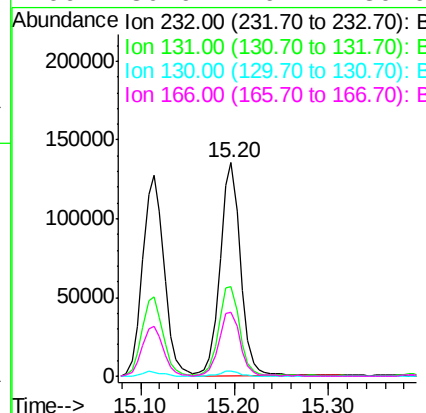
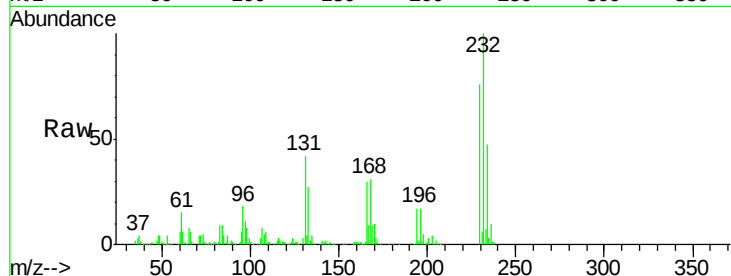




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.918 ng
RT: 15.20 min Scan# 2061
Delta R.T. -0.02 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

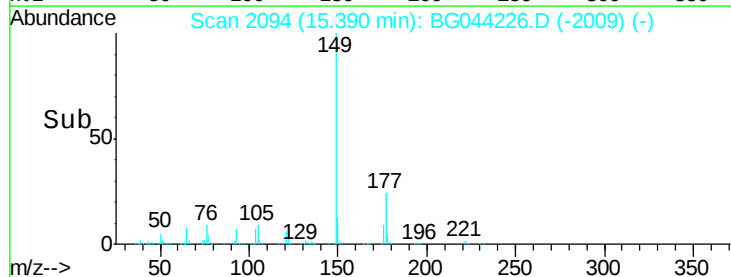
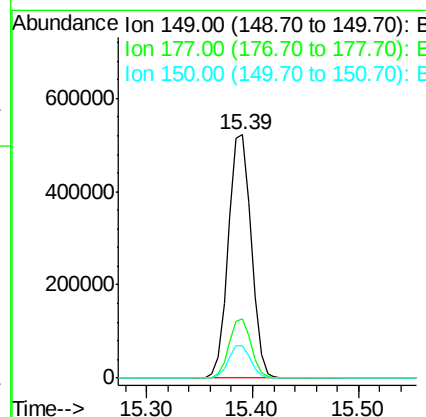
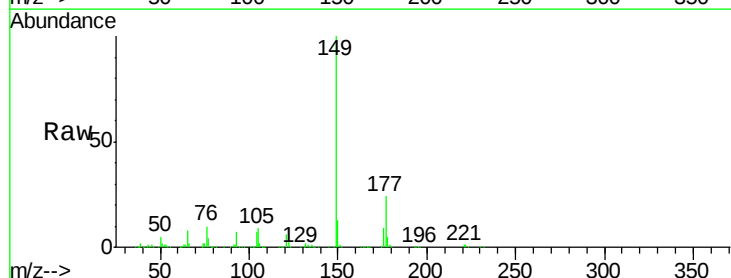
Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

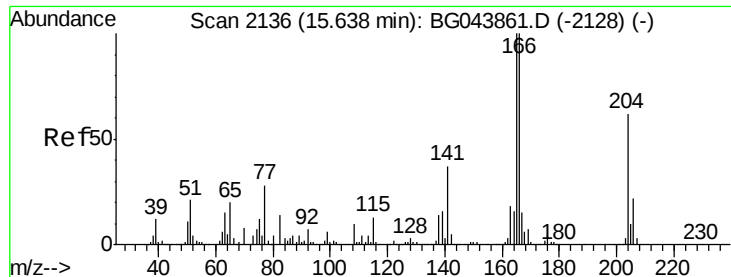
Tot Ion:232	Resp:	206717	
Ion Ratio	Lower	Upper	
232	100		
131	43.3	38.2	57.2
130	2.4	2.2	3.2
166	30.9	26.4	39.6



#60
Diethylphthalate
Concen: 43.669 ng
RT: 15.39 min Scan# 2094
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion:149	Resp: 780570
Ion Ratio	Lower Upper
149 100	
177 24.3	20.0 30.0
150 13.3	11.1 16.7

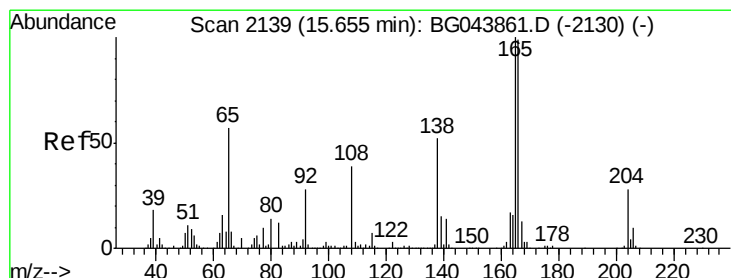
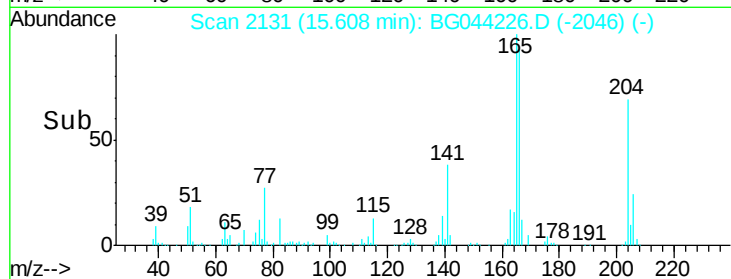
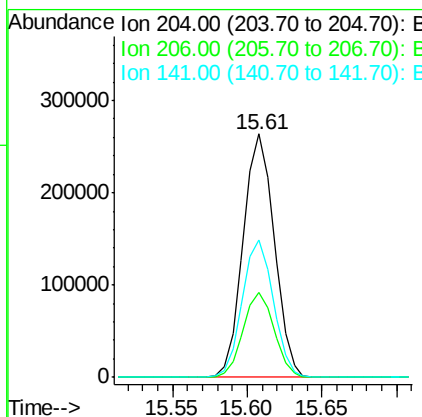
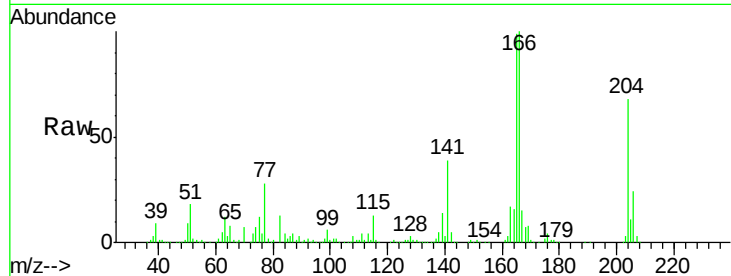




#61
 4-Chlorophenyl-phenylether
 Concen: 43.756 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. -0.03 min
 Lab File: BG044226.D
 Acq: 27 Jan 2020 22:05

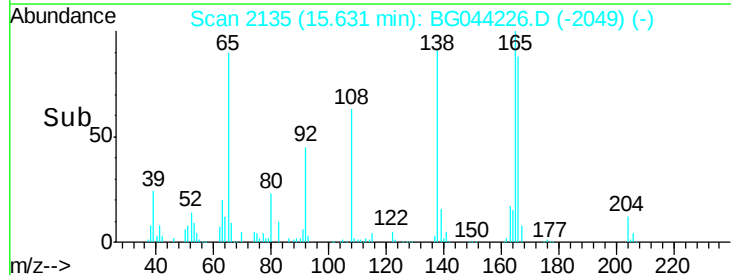
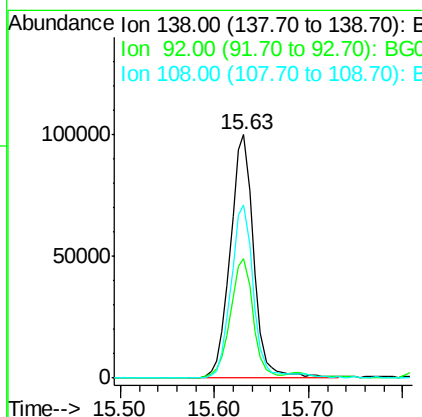
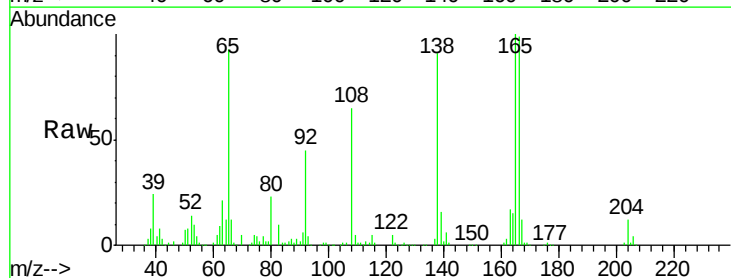
Instrument :
 BNA_G
 ClientSampleId :
 TP-22-21-COMPMS

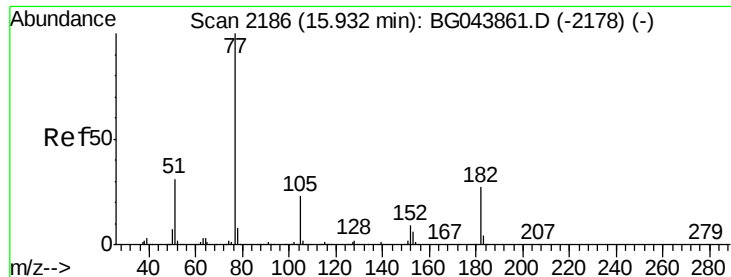
Tot Ion:204 Resp: 381043
 Ion Ratio Lower Upper
 204 100
 206 35.1 28.2 42.2
 141 56.4 48.2 72.2



#62
 4-Nitroaniline
 Concen: 38.261 ng
 RT: 15.63 min Scan# 2135
 Delta R.T. -0.02 min
 Lab File: BG044226.D
 Acq: 27 Jan 2020 22:05

Tgt Ion:138 Resp: 173314
 Ion Ratio Lower Upper
 138 100
 92 49.2 34.3 74.3
 108 71.3 55.0 95.0

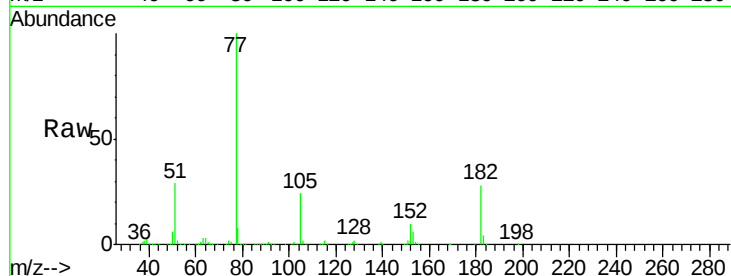




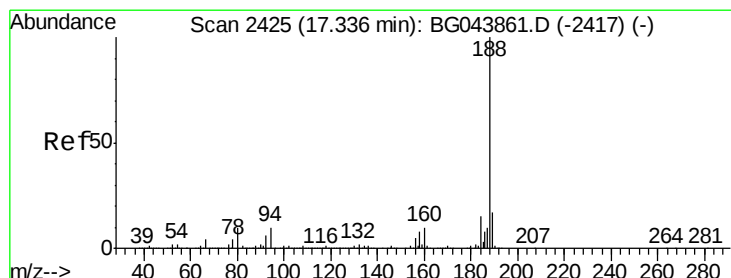
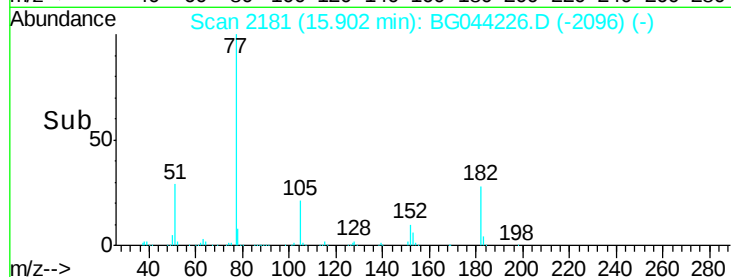
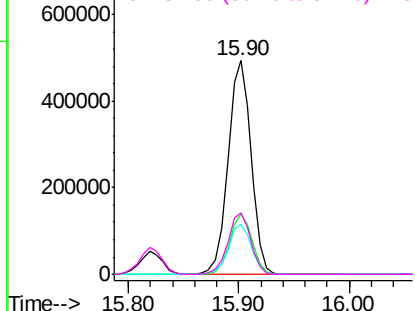
#63
Azobenzene
Concen: 43.191 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

Tot Ion: 77 Resp: 715970
Ion Ratio Lower Upper
77 100
182 28.1 7.3 47.3
105 23.7 3.2 43.2
51 28.9 10.6 50.6

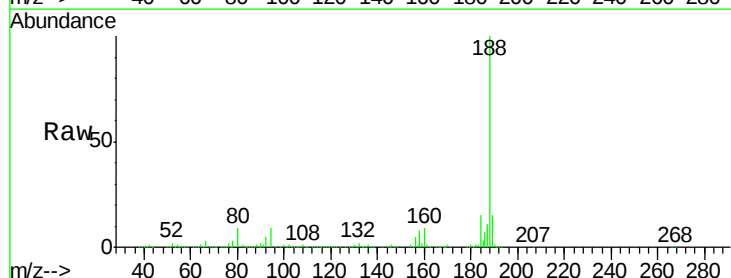


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

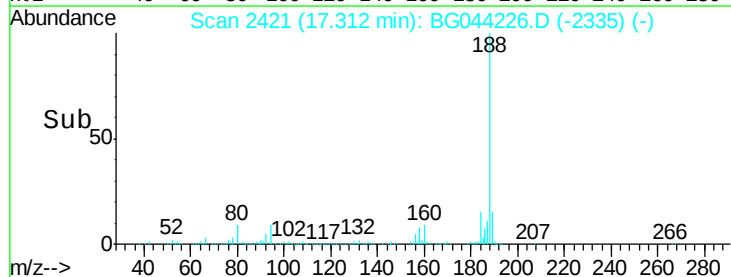
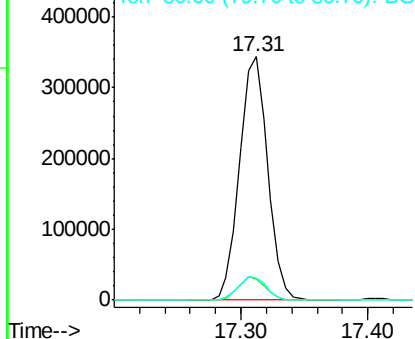


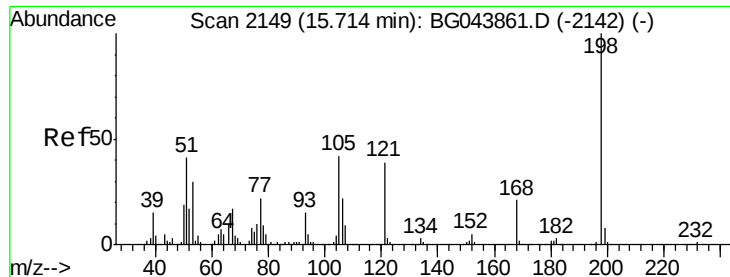
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion: 188 Resp: 528240
Ion Ratio Lower Upper
188 100
94 8.7 7.9 11.9
80 9.3 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

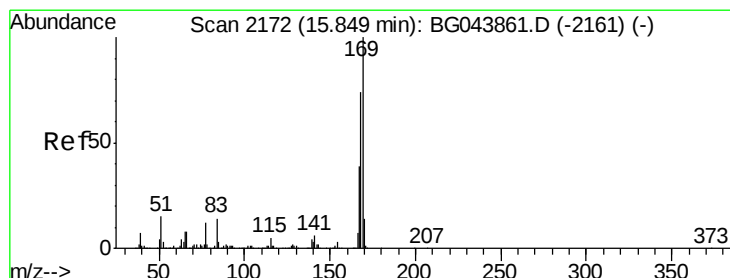
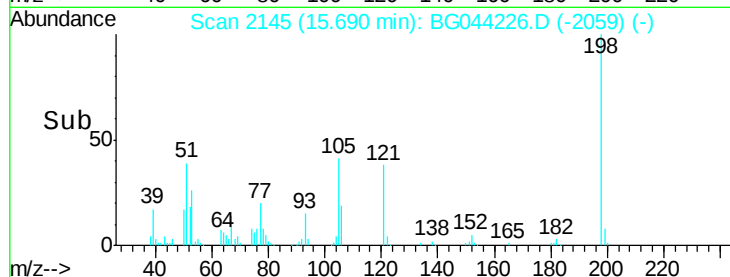
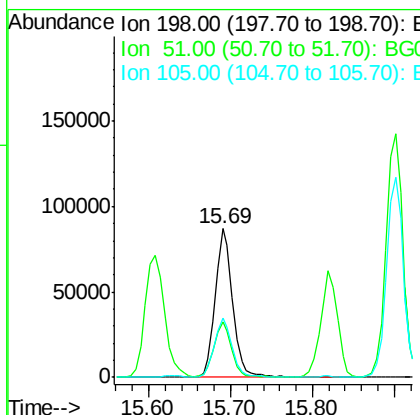
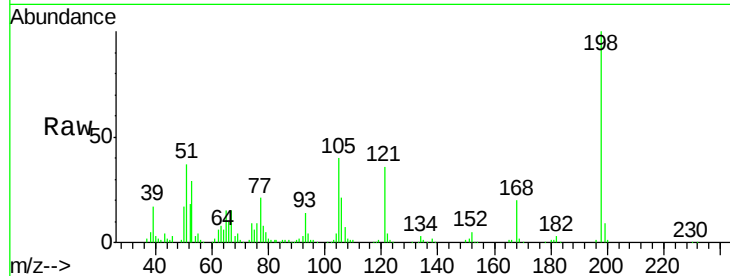




#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.874 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.02 min
 Lab File: BG044226.D
 Acq: 27 Jan 2020 22:05

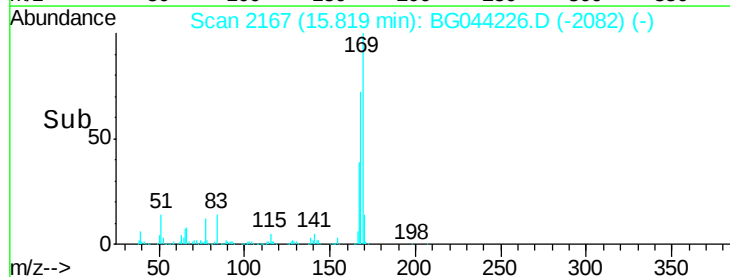
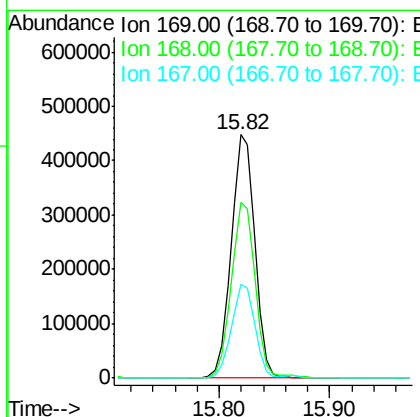
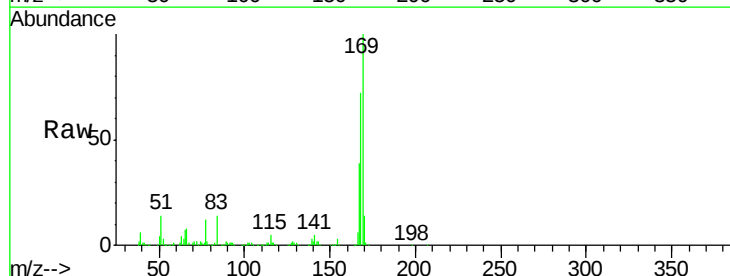
Instrument :
 BNA_G
 ClientSampleId :
 TP-22-21-COMPMS

Tot Ion	198	Resp	130260
Ion Ratio	100	Lower	Upper
51	37.2	22.5	62.5
105	39.6	22.3	62.3



#66
 n-Nitrosodiphenylamine
 Concen: 43.258 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BG044226.D
 Acq: 27 Jan 2020 22:05

Tgt Ion	169	Resp	672922
Ion Ratio	100	Lower	Upper
168	72.1	59.0	88.6
167	38.5	31.4	47.0

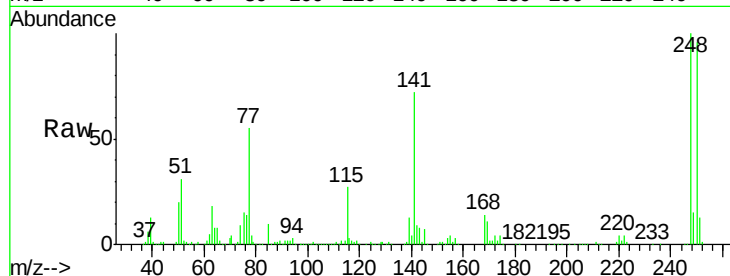




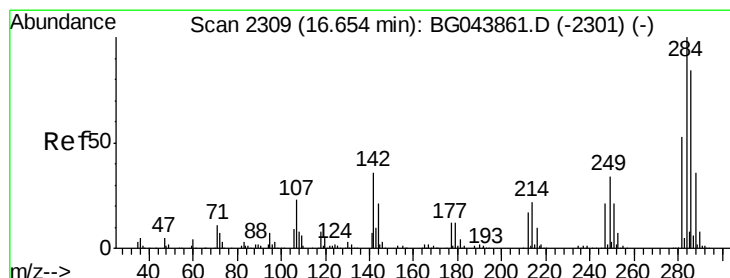
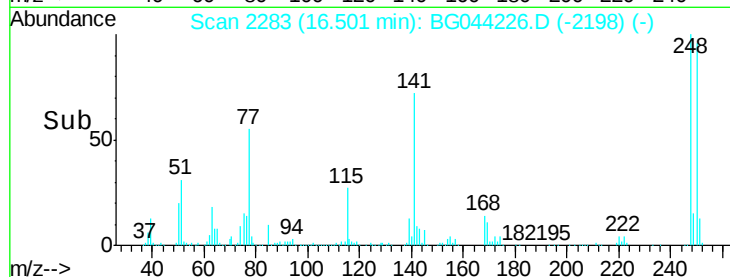
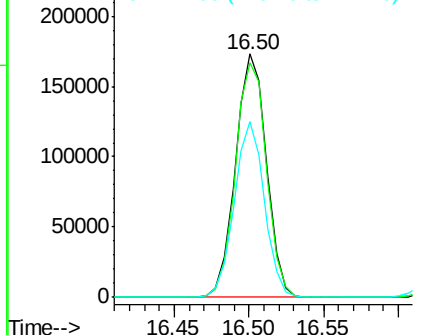
#67
4-Bromophenyl-phenylether
Concen: 41.778 ng
RT: 16.50 min Scan# 2283
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

Tot Ion:248 Resp: 248209
Ion Ratio Lower Upper
248 100
250 96.3 78.2 117.2
141 72.0 59.3 88.9

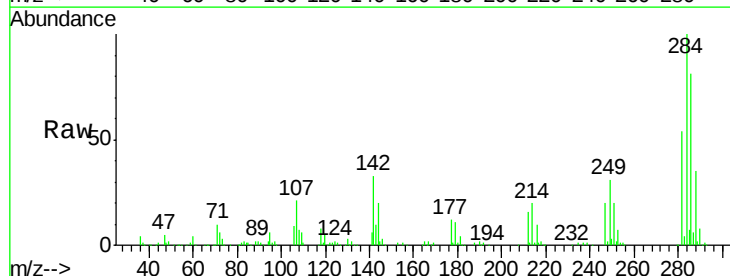


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

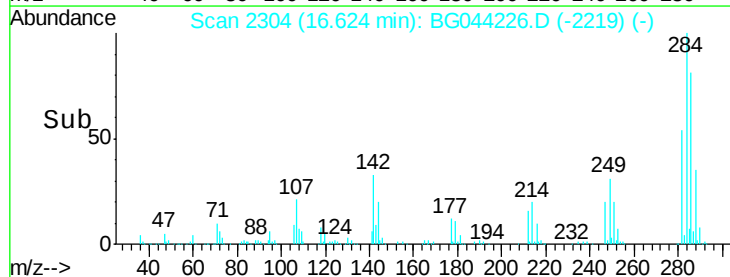
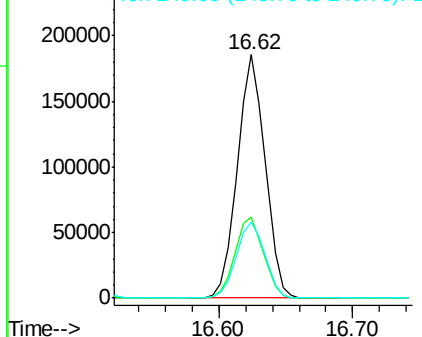


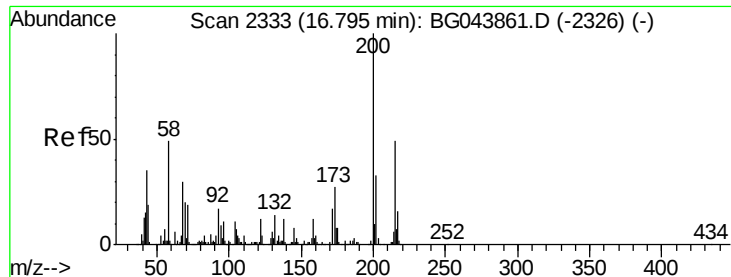
#68
Hexachlorobenzene
Concen: 41.614 ng
RT: 16.62 min Scan# 2304
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion:284 Resp: 266403
Ion Ratio Lower Upper
284 100
142 33.3 28.6 43.0
249 31.3 27.0 40.6



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





#69

Atrazine

Concen: 49.780 ng

RT: 16.77 min Scan# 2329

Delta R.T. -0.02 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMS

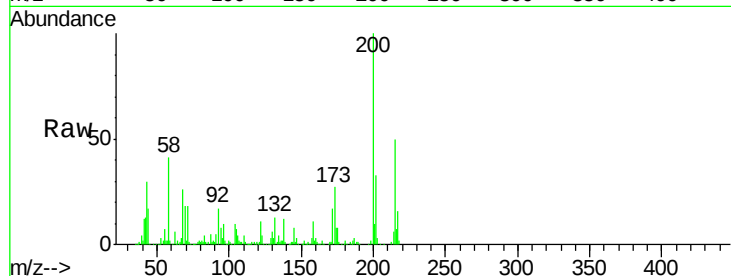
Tot Ion:200 Resp: 251714

Ion Ratio Lower Upper

200 100

173 26.7 6.6 46.6

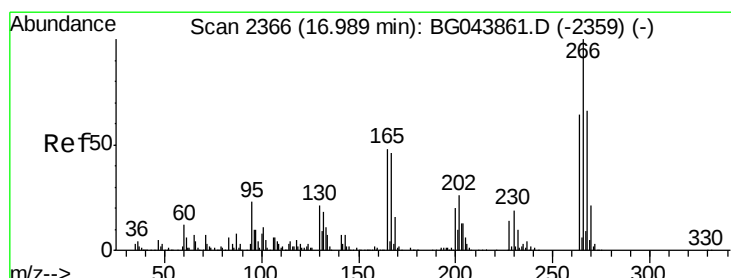
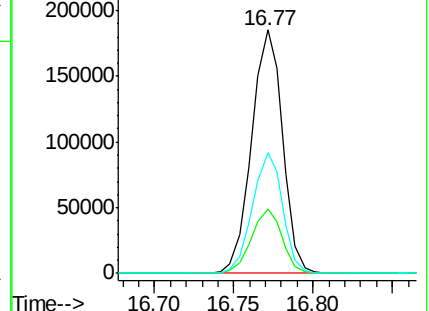
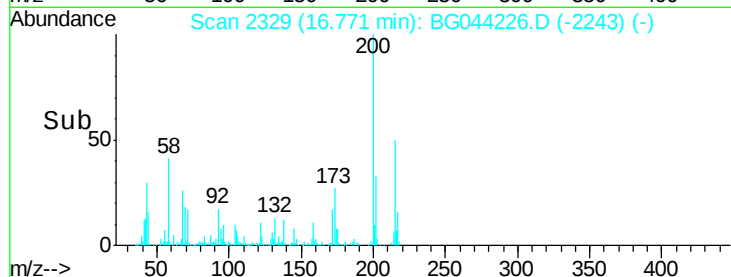
215 49.8 28.6 68.6



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: 77.554 ng

RT: 16.97 min Scan# 2362

Delta R.T. -0.02 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

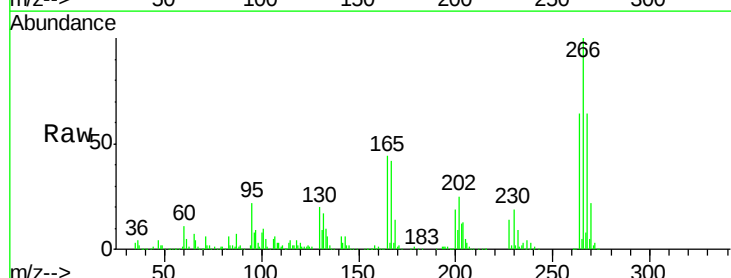
Tgt Ion:266 Resp: 273685

Ion Ratio Lower Upper

266 100

268 64.2 52.6 79.0

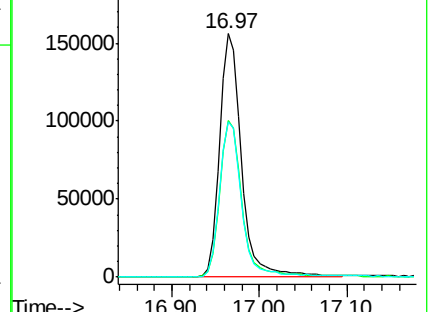
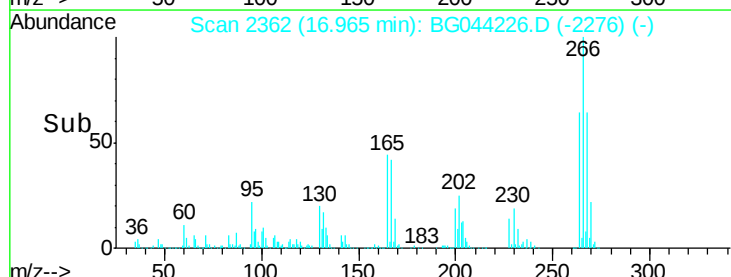
264 63.8 50.8 76.2



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

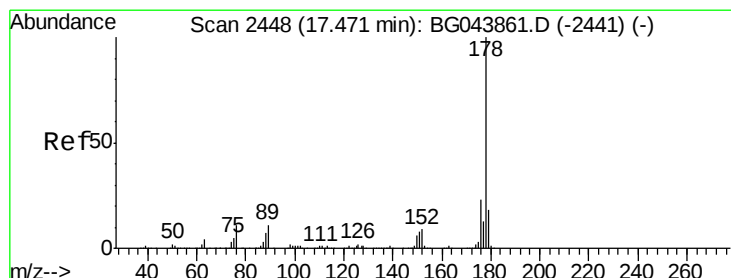
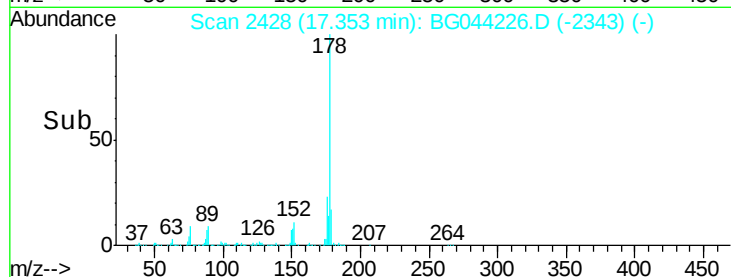
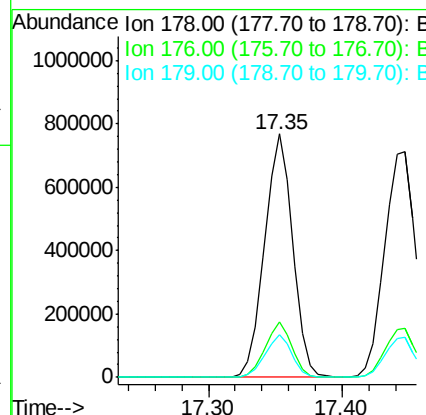
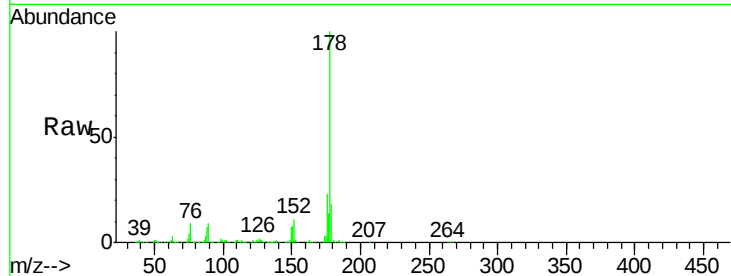




#71
Phenanthrene
Concen: 44.075 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

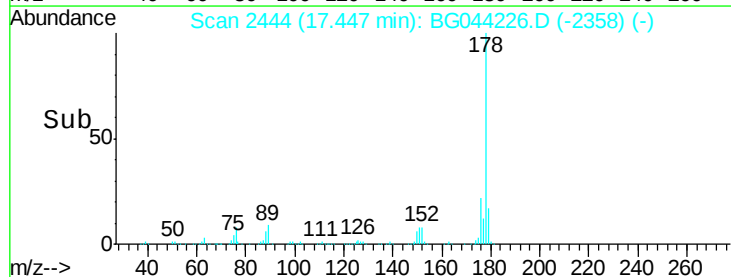
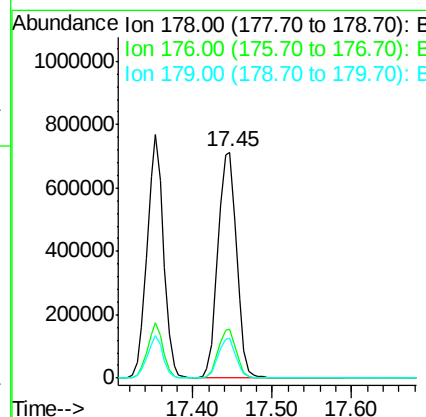
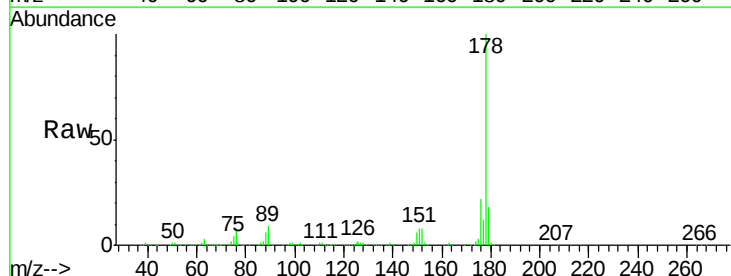
Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

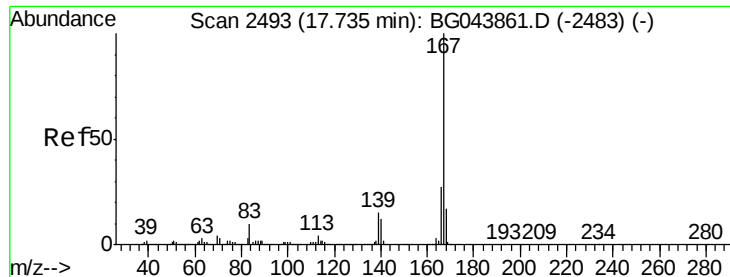
Tot Ion:178 Resp: 1116742
Ion Ratio Lower Upper
178 100
176 22.6 18.6 28.0
179 17.6 14.4 21.6



#72
Anthracene
Concen: 46.268 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.02 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion:178 Resp: 1158562
Ion Ratio Lower Upper
178 100
176 21.5 18.3 27.5
179 17.5 14.6 22.0





#73

Carbazole

Concen: 44.246 ng

RT: 17.71 min Scan# 2489

Delta R.T. -0.02 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMS

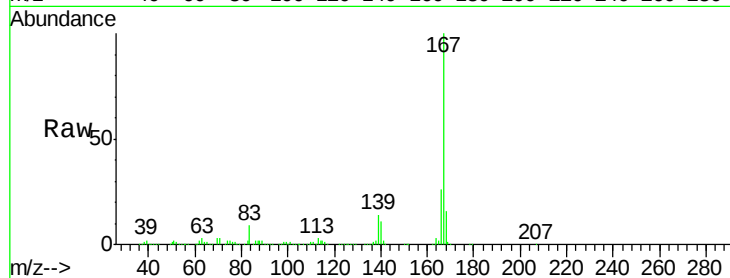
Tot Ion:167 Resp: 1023423

Ion Ratio Lower Upper

167 100

166 25.5 21.6 32.4

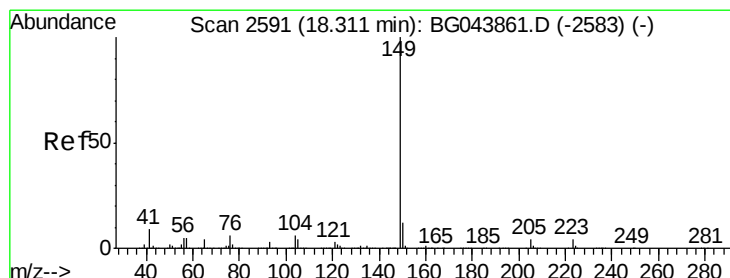
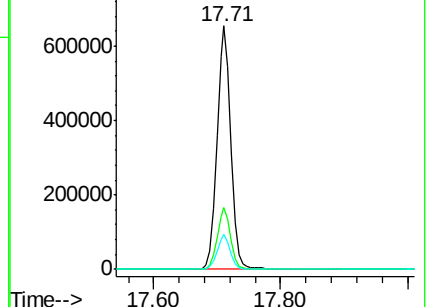
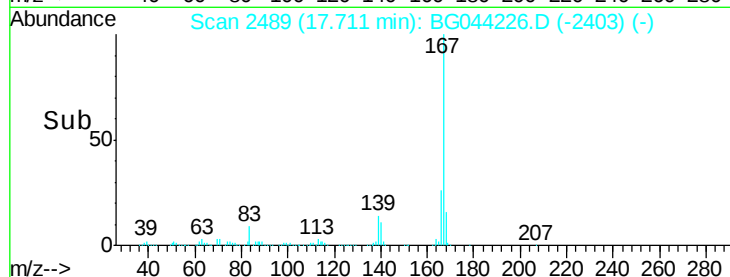
139 14.2 12.1 18.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.944 ng

RT: 18.28 min Scan# 2585

Delta R.T. -0.04 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

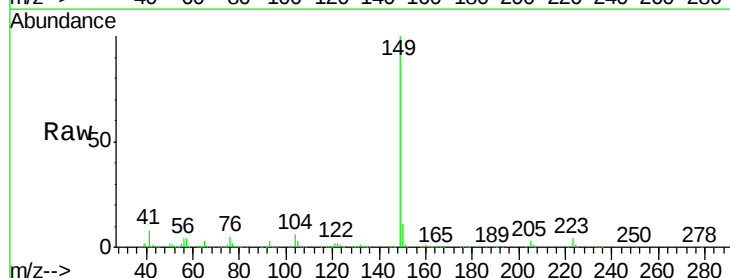
Tgt Ion:149 Resp: 1268206

Ion Ratio Lower Upper

149 100

150 10.8 9.7 14.5

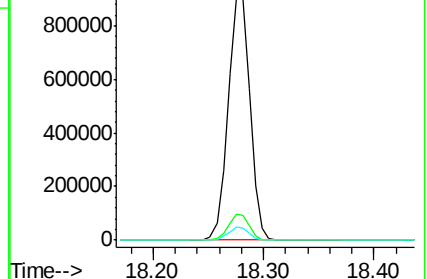
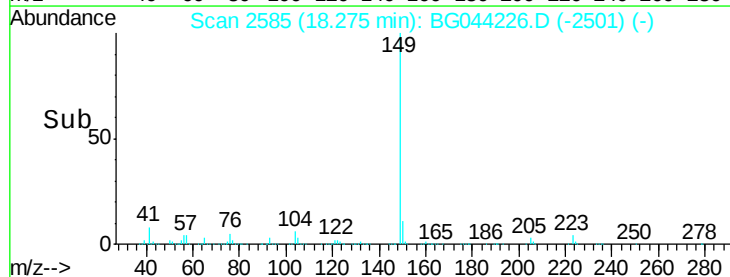
104 5.5 5.0 7.4

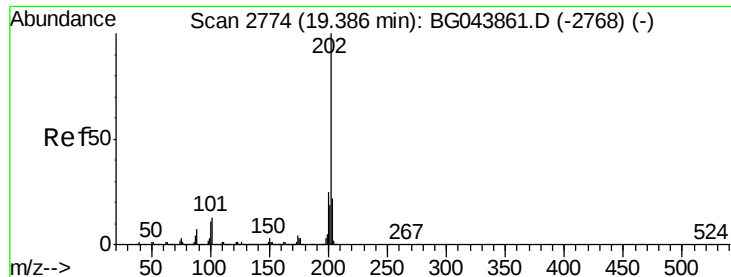


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.618 ng

RT: 19.36 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMS

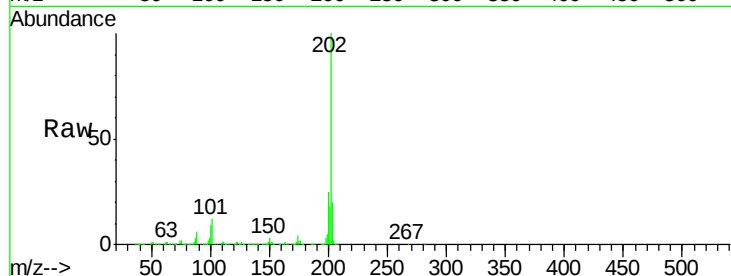
Tot Ion:202 Resp: 1292875

Ion Ratio Lower Upper

202 100

101 11.7 0.0 33.3

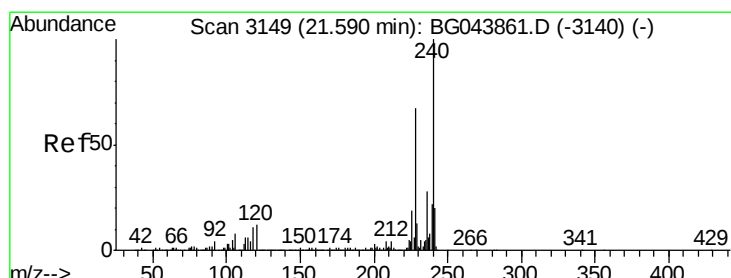
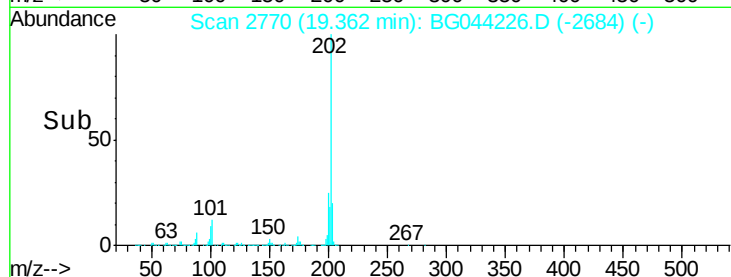
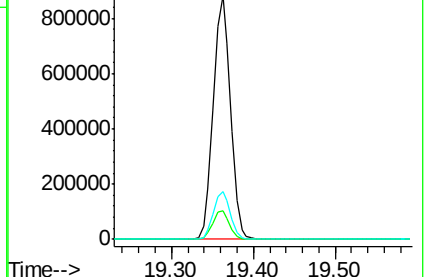
203 19.8 1.6 41.6



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: BG044226.D

Acq: 27 Jan 2020 22:05

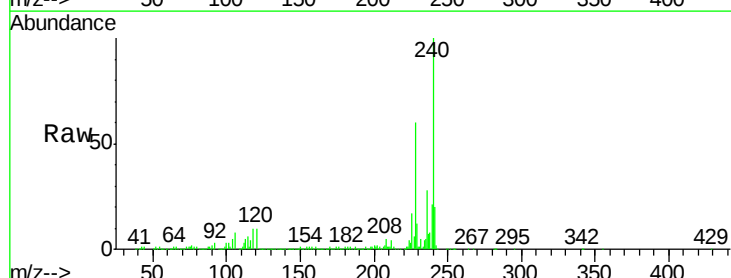
Tgt Ion:240 Resp: 452170

Ion Ratio Lower Upper

240 100

120 9.9 9.6 14.4

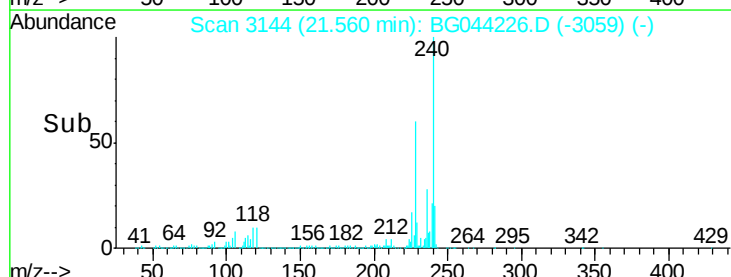
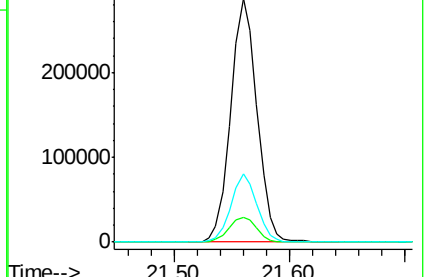
236 27.9 22.2 33.2



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: 29.833 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.02 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMS

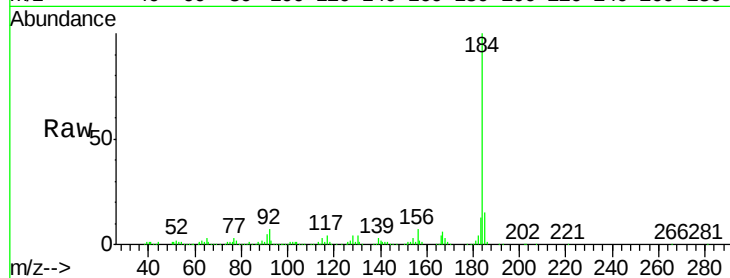
Tot Ion:184 Resp: 339066

Ion Ratio Lower Upper

184 100

185 14.8 13.4 20.0

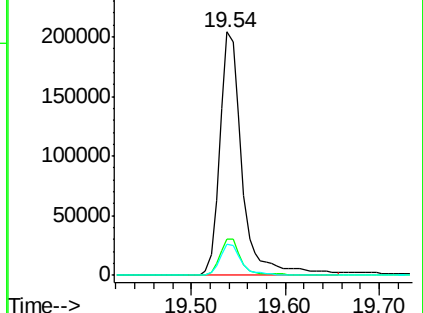
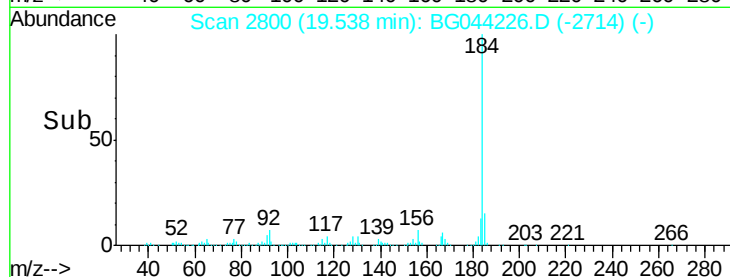
183 12.8 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.709 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.03 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

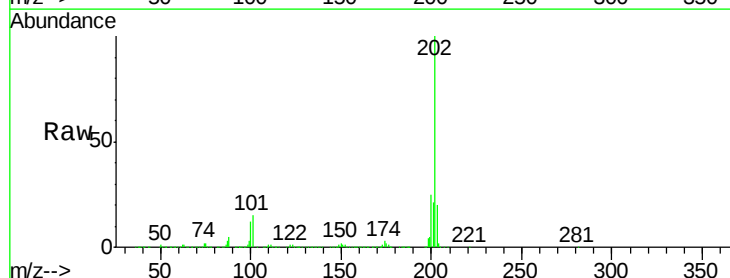
Tgt Ion:202 Resp: 1290067

Ion Ratio Lower Upper

202 100

200 24.8 21.7 32.5

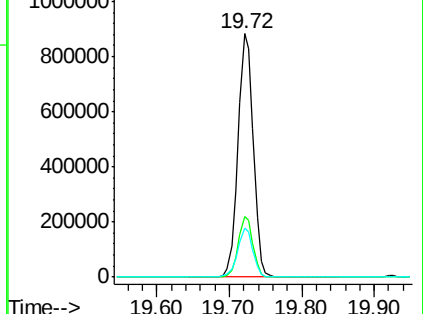
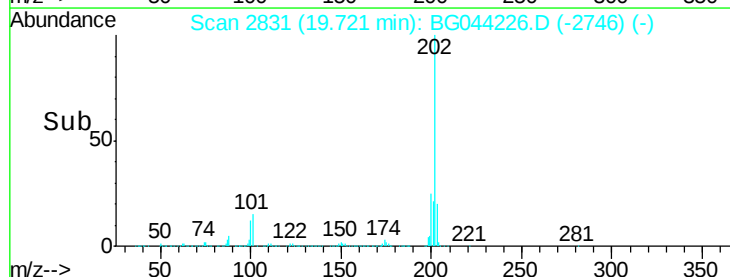
203 20.1 17.0 25.6

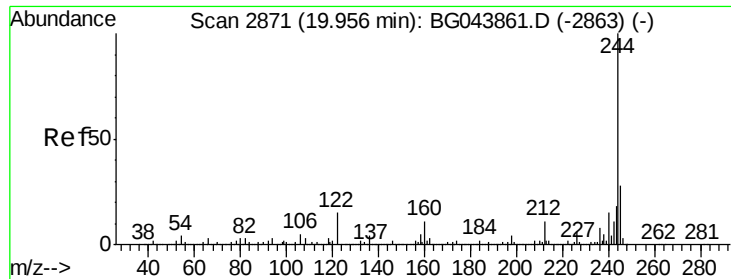


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.006 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMS

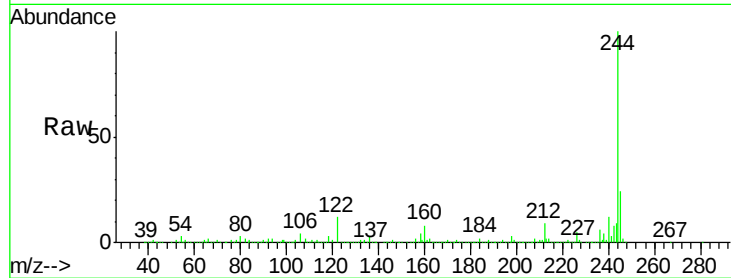
Tot Ion:244 Resp: 1495835

Ion Ratio Lower Upper

244 100

212 8.7 8.6 13.0

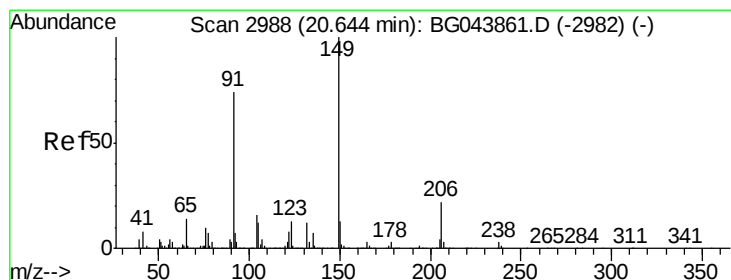
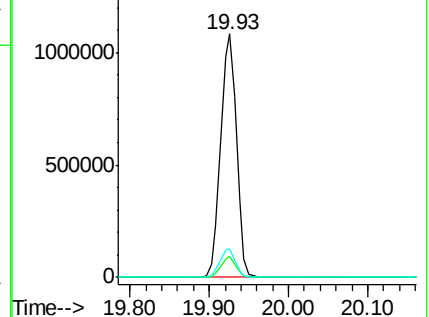
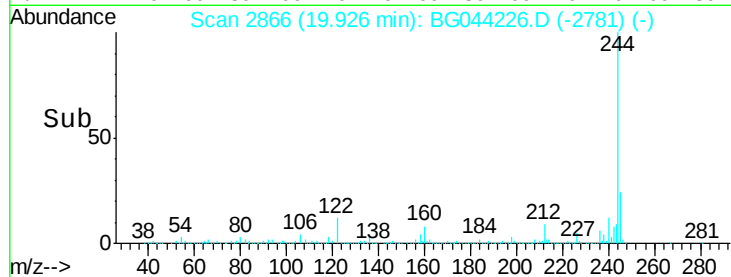
122 12.0 11.9 17.9



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: 42.160 ng

RT: 20.61 min Scan# 2983

Delta R.T. -0.03 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

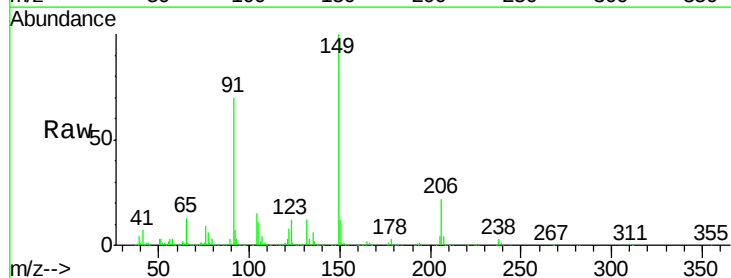
Tgt Ion:149 Resp: 592423

Ion Ratio Lower Upper

149 100

91 70.3 59.5 89.3

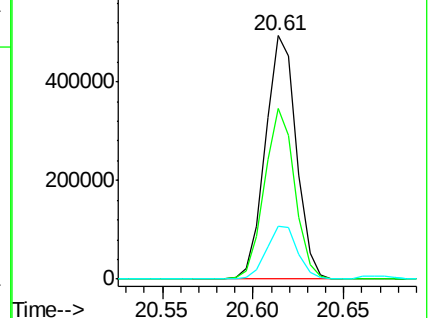
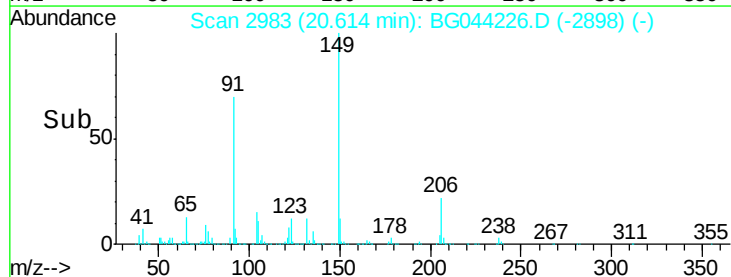
206 21.6 17.8 26.6

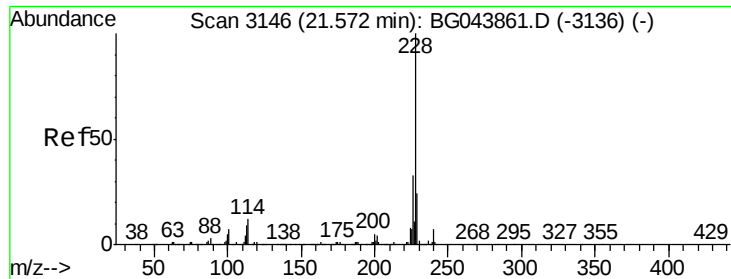


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

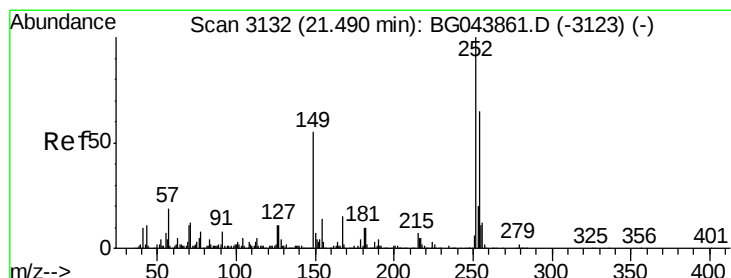
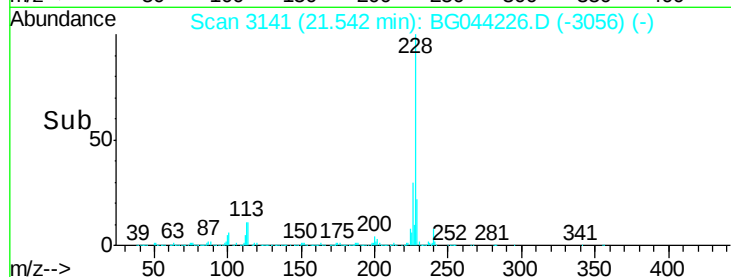
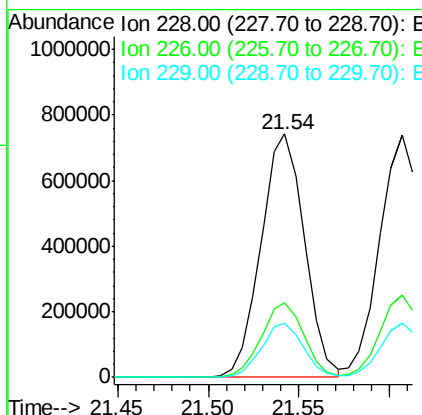
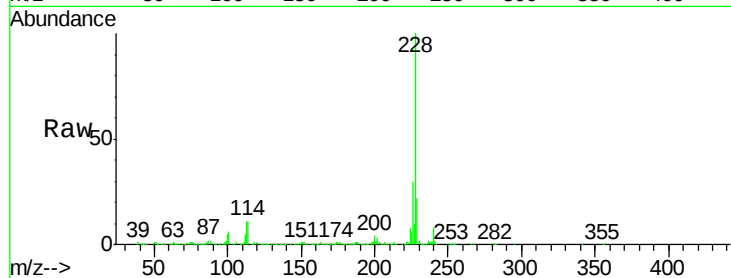




#81
Benzo(a)anthracene
Concen: 44.150 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

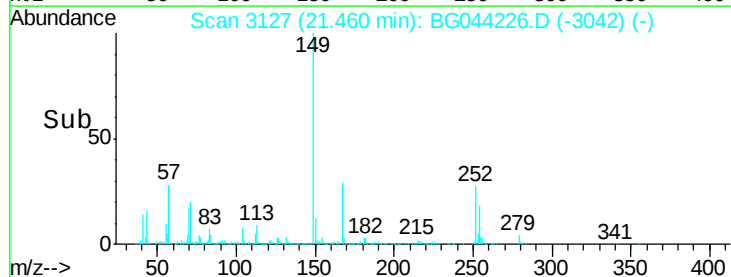
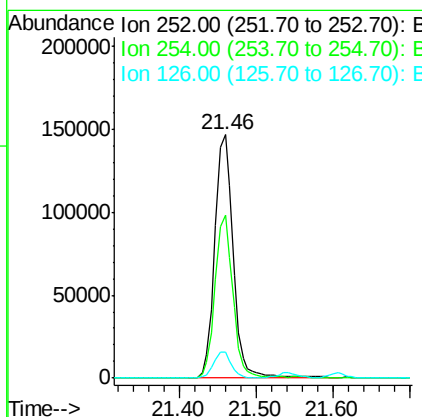
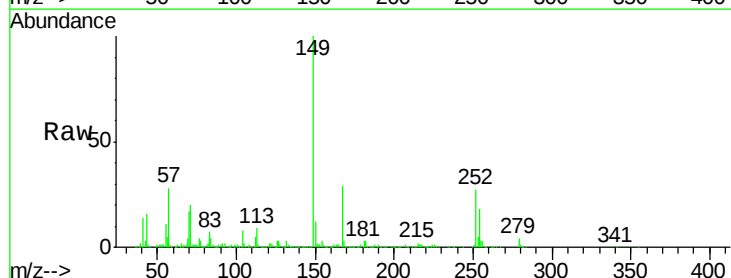
Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMS

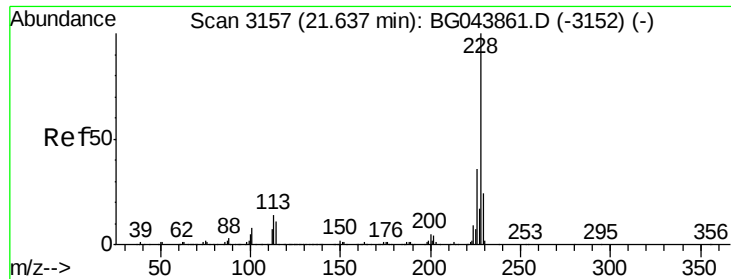
Tot Ion:228 Resp: 1237877
Ion Ratio Lower Upper
228 100
226 30.4 26.2 39.4
229 22.3 18.9 28.3



#82
3,3'-Dichlorobenzidine
Concen: 21.870 ng
RT: 21.46 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BG044226.D
Acq: 27 Jan 2020 22:05

Tgt Ion:252 Resp: 242258
Ion Ratio Lower Upper
252 100
254 67.0 52.1 78.1
126 10.6 9.1 13.7



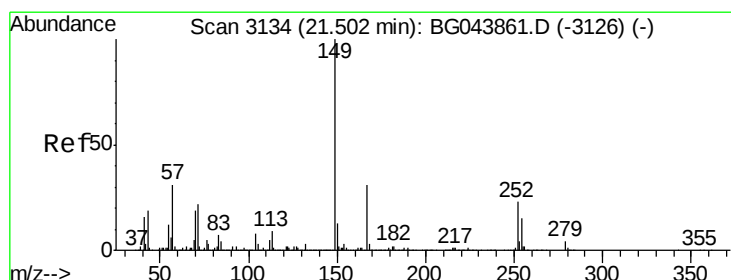
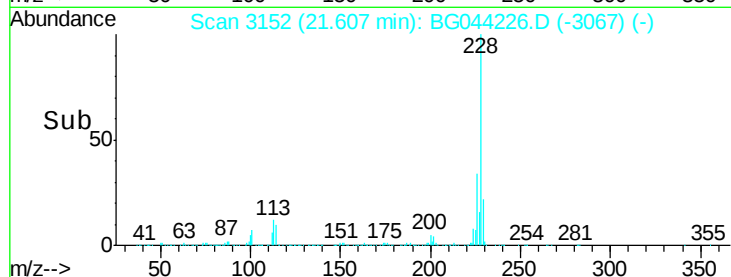
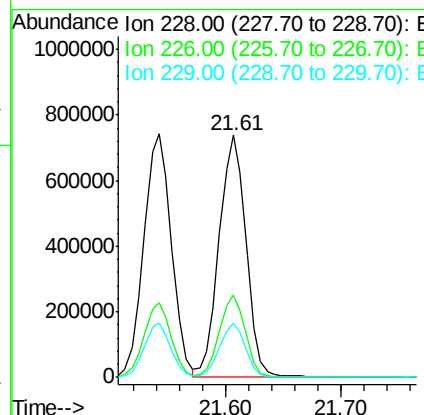
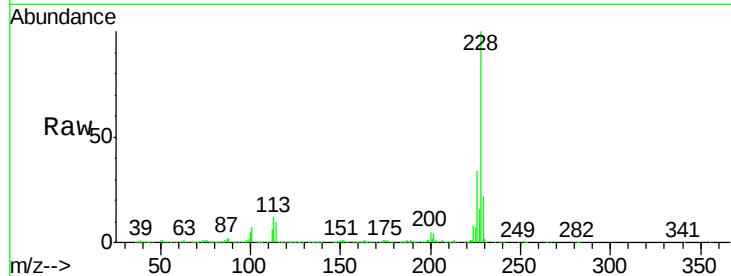


#83
 Chrysene
 Concen: 44.503 ng
 RT: 21.61 min Scan# 3152
 Delta R.T. -0.03 min
 Lab File: BG044226.D
 Acq: 27 Jan 2020 22:05

Instrument :
 BNA_G
 ClientSampleId :
 TP-22-21-COMPMS

Tot Ion:228 Resp: 1185620

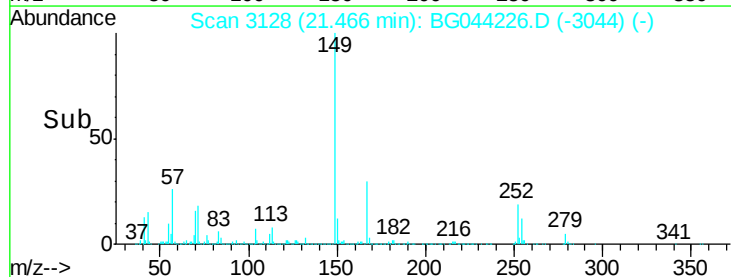
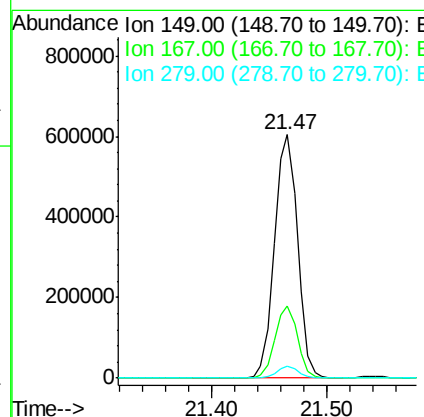
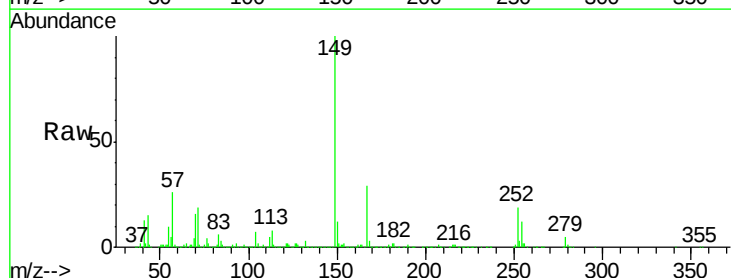
Ion	Ratio	Lower	Upper
228	100		
226	34.2	28.8	43.2
229	22.2	19.0	28.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.475 ng
 RT: 21.47 min Scan# 3128
 Delta R.T. -0.04 min
 Lab File: BG044226.D
 Acq: 27 Jan 2020 22:05

Tgt Ion:149 Resp: 842935

Ion	Ratio	Lower	Upper
149	100		
167	29.5	24.7	37.1
279	4.8	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 45.015 ng

RT: 22.64 min Scan# 3328

Delta R.T. -0.05 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMS

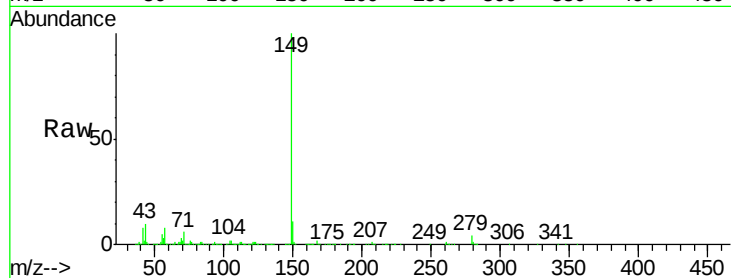
Tot Ion:149 Resp: 1467303

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

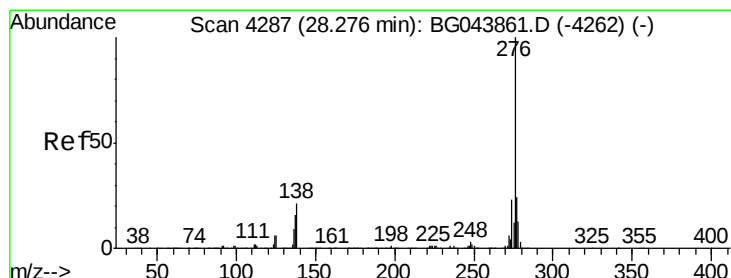
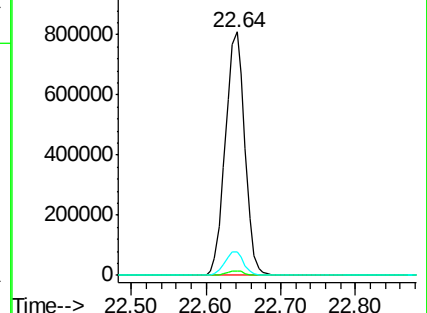
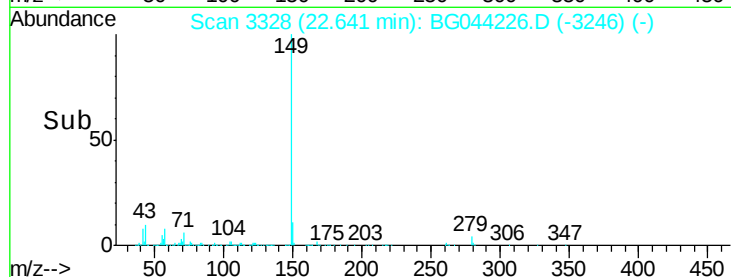
43 9.2 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.864 ng

RT: 28.20 min Scan# 4274

Delta R.T. -0.08 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

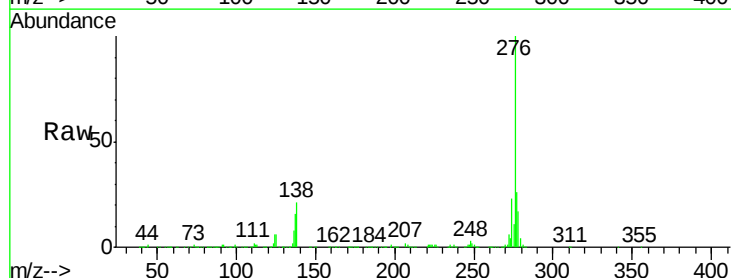
Tgt Ion:276 Resp: 1551924

Ion Ratio Lower Upper

276 100

138 15.6 21.0 31.4#

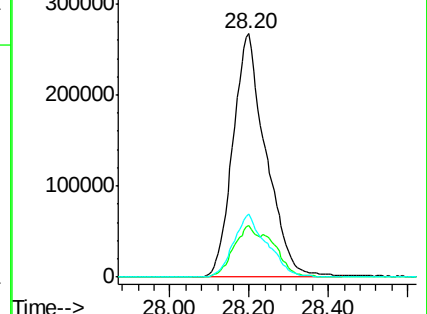
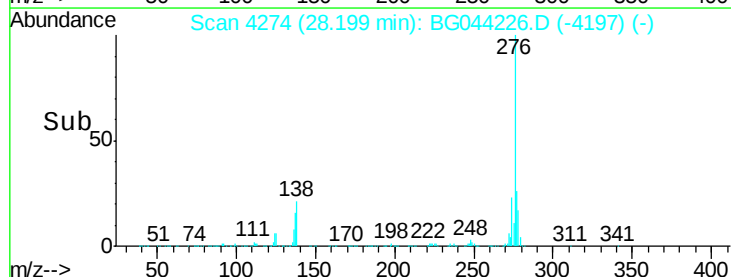
277 26.1 21.1 31.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.05 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Instrument :

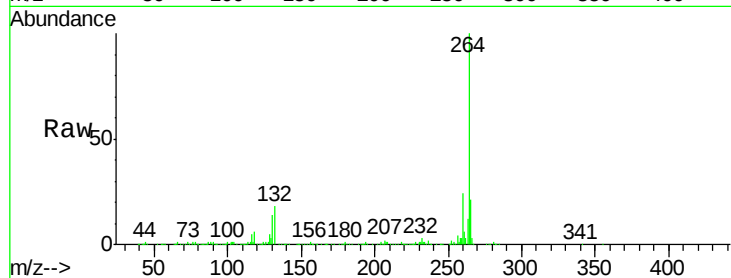
BNA_G

ClientSampleId :

TP-22-21-COMPMS

Tot Ion:264 Resp: 523417

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.4	30.6
265	21.5	17.4	26.2

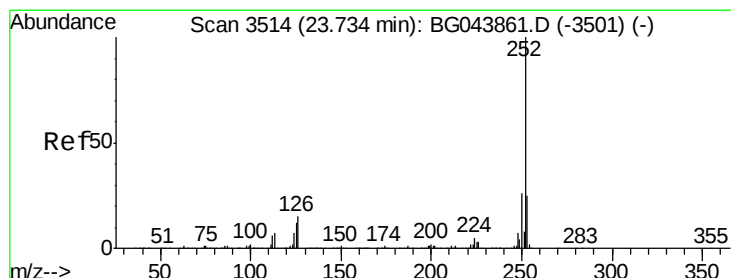
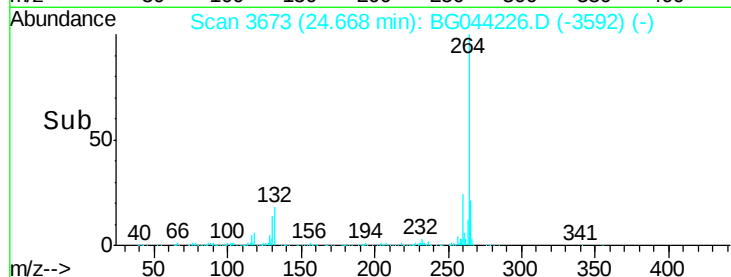
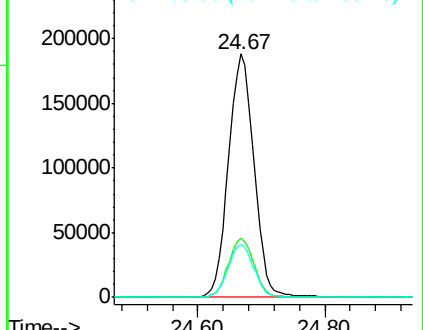


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.920 ng

RT: 23.69 min Scan# 3506

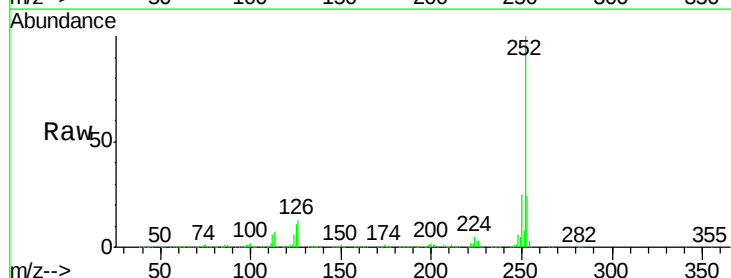
Delta R.T. -0.05 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Tgt Ion:252 Resp: 1328077

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.7	29.5
125	11.1	9.4	14.2

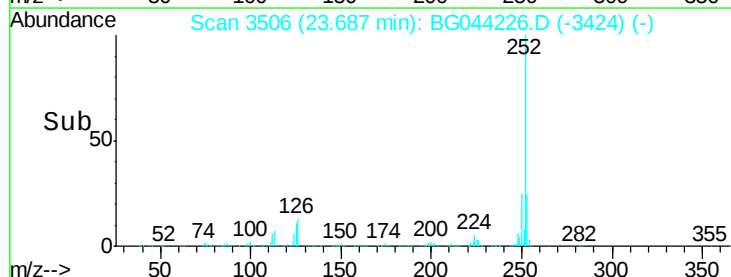
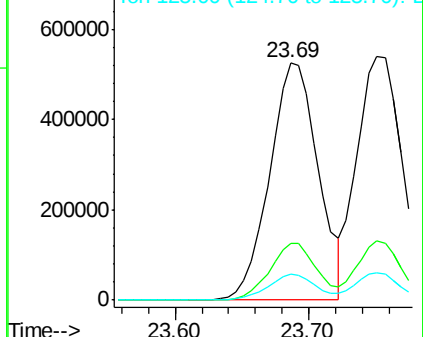


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.307 ng

RT: 23.75 min Scan# 3517

Delta R.T. -0.05 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMS

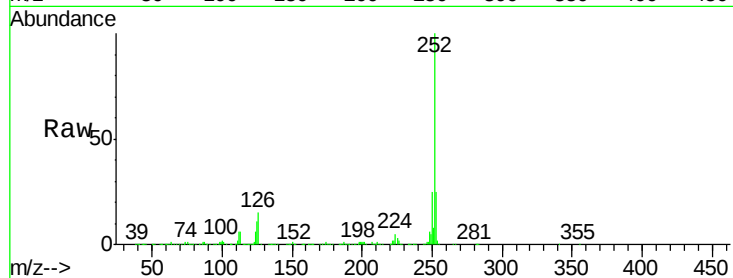
Tot Ion:252 Resp: 1274290

Ion Ratio Lower Upper

252 100

253 24.6 19.4 29.2

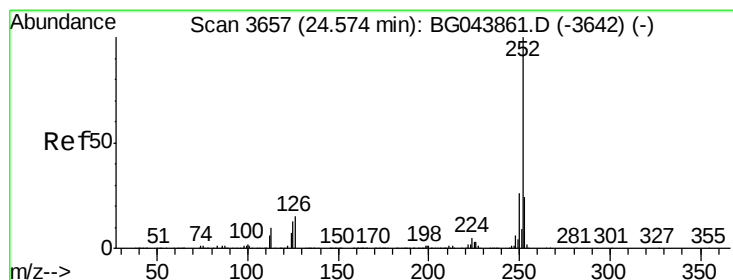
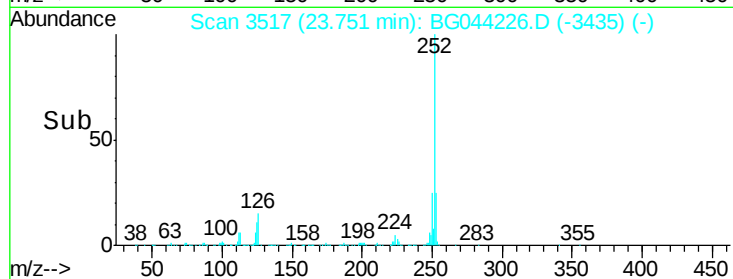
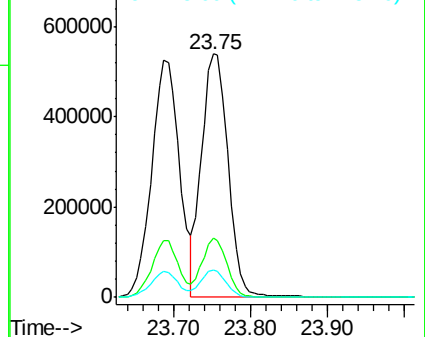
125 11.4 9.9 14.9



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: 41.668 ng

RT: 24.53 min Scan# 3649

Delta R.T. -0.05 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

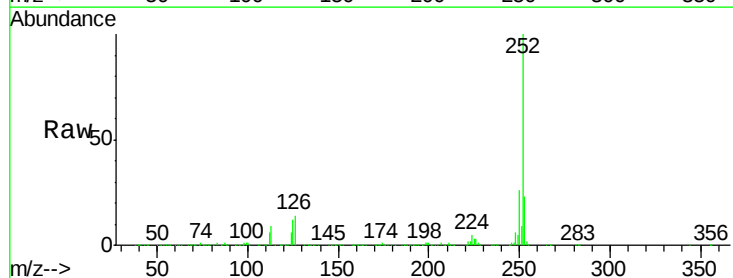
Tgt Ion:252 Resp: 1216922

Ion Ratio Lower Upper

252 100

253 23.3 19.3 28.9

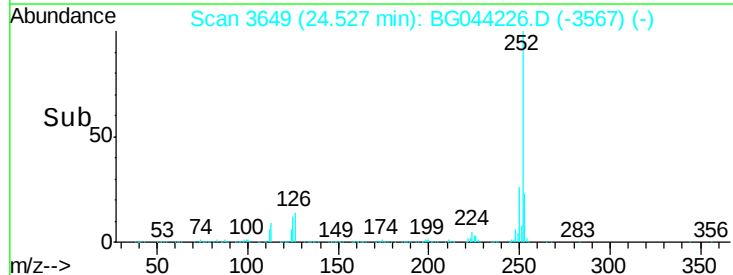
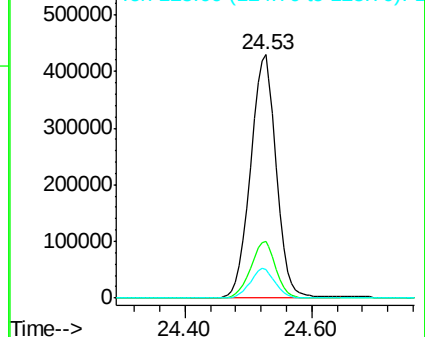
125 11.6 10.4 15.6

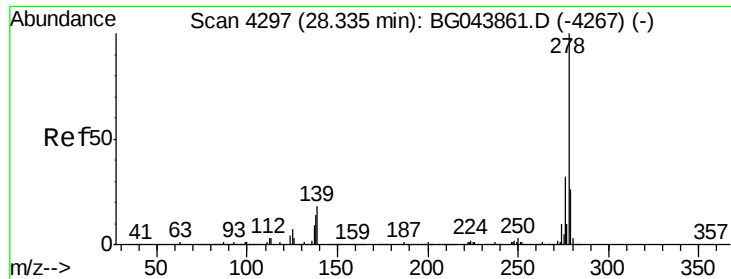


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.349 ng

RT: 28.26 min Scan# 4284

Delta R.T. -0.08 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Instrument :

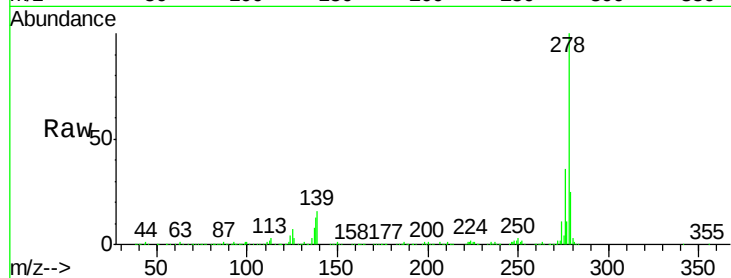
BNA_G

ClientSampleId :

TP-22-21-COMPMS

Tot Ion:278 Resp: 1271453

Ion	Ratio	Lower	Upper
278	100		
139	15.9	14.2	21.4
279	24.6	20.6	30.8

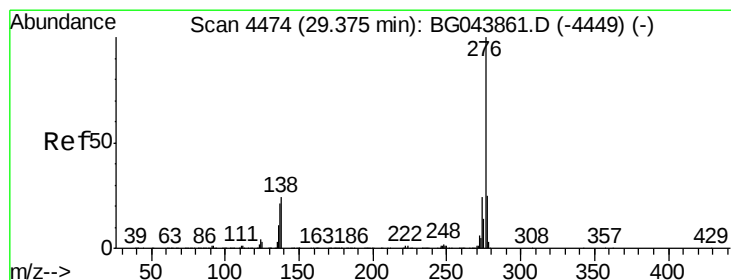
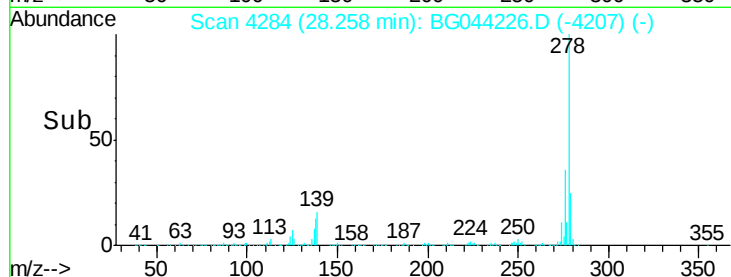
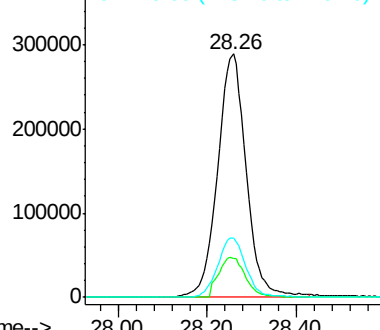


Abundance

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: 44.679 ng

RT: 29.30 min Scan# 4461

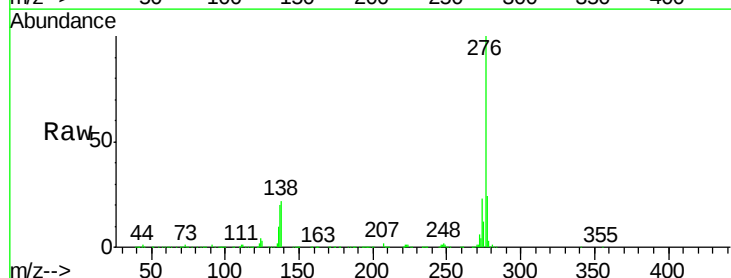
Delta R.T. -0.08 min

Lab File: BG044226.D

Acq: 27 Jan 2020 22:05

Tgt Ion:276 Resp: 1301689

Ion	Ratio	Lower	Upper
276	100		
277	24.5	20.2	30.4
138	21.7	19.0	28.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

