

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
 Data File : BG044227.D
 Acq On : 27 Jan 2020 22:44
 Operator : CG/JU
 Sample : L1269-05MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jan 28 00:41:48 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	83875	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	378509	20.00	ng	-0.03
39) Acenaphthene-d10	14.56	164	255081	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	524304	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	453808	20.00	ng	-0.03
87) Perylene-d12	24.67	264	519258	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	726619	159.07	ng	-0.03
7) Phenol-d6	7.10	99	966510	151.36	ng	-0.02
23) Nitrobenzene-d5	9.09	82	585765	82.79	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	389256	145.82	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1257595	89.32	ng	-0.03
79) Terphenyl-d14	19.92	244	1753036	96.41	ng	-0.03

Target Compounds					Qvalue
2) 1,4-Dioxane	3.40	88	87932	44.148	ng 97
3) Pyridine	3.79	79	225438	38.314	ng 94
4) n-Nitrosodimethylamine	3.70	42	118391	45.193	ng 95
6) Aniline	7.25	93	201896	24.073	ng 99
8) 2-Chlorophenol	7.50	128	319855	59.643	ng 96
9) Benzaldehyde	7.06	77	148182	36.259	ng 95
10) Phenol	7.13	94	412958	62.770	ng 98
11) bis(2-Chloroethyl)ether	7.35	93	282052	49.667	ng 98
12) 1,3-Dichlorobenzene	7.82	146	312148	49.740	ng 99
13) 1,4-Dichlorobenzene	7.97	146	313755	50.671	ng 98
14) 1,2-Dichlorobenzene	8.28	146	303280	51.029	ng 100
15) Benzyl Alcohol	8.17	79	262853	52.159	ng 99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	376755	42.882	ng 96
17) 2-Methylphenol	8.38	107	273029	57.349	ng 99
18) Hexachloroethane	9.02	117	118032	48.989	ng 93
19) n-Nitroso-di-n-propylamine	8.74	70	229671	48.299	ng 96
20) 3+4-Methylphenols	8.71	107	374050	56.320	ng 98
22) Acetophenone	8.75	105	430077	45.704	ng 99
24) Nitrobenzene	9.13	77	325702	46.478	ng 97
25) Isophorone	9.65	82	626505	47.197	ng 98
26) 2-Nitrophenol	9.84	139	180924	54.570	ng 96
27) 2,4-Dimethylphenol	9.91	122	308649	61.844	ng 99
28) bis(2-Chloroethoxy)methane	10.13	93	402253	45.454	ng 98
29) 2,4-Dichlorophenol	10.38	162	321941	54.079	ng 96
30) 1,2,4-Trichlorobenzene	10.60	180	320729	48.050	ng 98
31) Naphthalene	10.78	128	936306	51.118	ng 99
32) Benzoic acid	10.07	122	138597	35.914	ng 95
33) 4-Chloroaniline	10.89	127	107259	12.277	ng 97
34) Hexachlorobutadiene	11.08	225	188083	46.151	ng 97
35) Caprolactam	11.66	113	90693	40.924	ng 90
36) 4-Chloro-3-methylphenol	12.02	107	340929	53.796	ng 98
37) 2-Methylnaphthalene	12.39	142	704556	51.092	ng 97
38) 1-Methylnaphthalene	12.61	142	676238	51.741	ng 99
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	346952	46.406	ng 99

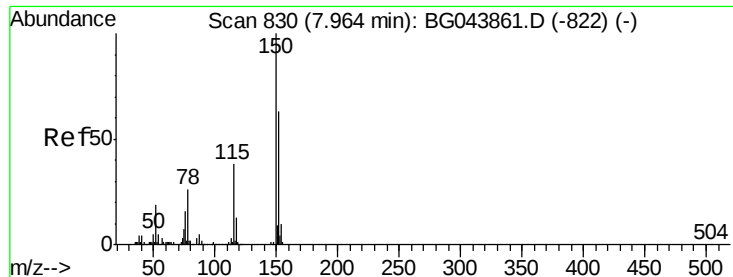
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
 Data File : BG044227.D
 Acq On : 27 Jan 2020 22:44
 Operator : CG/JU
 Sample : L1269-05MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jan 28 00:41:48 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)
41) Hexachlorocyclopentadiene	12.75	237	390311	100.698	nq	99
43) 2,4,6-Trichlorophenol	13.00	196	259393	50.423	nq	97
44) 2,4,5-Trichlorophenol	13.08	196	272155	51.294	nq	98
46) 1,1'-Biphenyl	13.40	154	894210	48.894	nq	99
47) 2-Chloronaphthalene	13.44	162	706681	47.818	nq	98
48) 2-Nitroaniline	13.64	65	211391	44.467	nq	95
49) Acenaphthylene	14.29	152	1106586	52.096	nq	99
50) Dimethylphthalate	14.02	163	1041257	57.491	nq	99
51) 2,6-Dinitrotoluene	14.14	165	205092	50.100	nq	98
52) Acenaphthene	14.63	154	689951	46.317	nq	98
53) 3-Nitroaniline	14.46	138	97613	20.998	nq	98
54) 2,4-Dinitrophenol	14.68	184	174063	83.225	nq	96
55) Dibenzofuran	14.97	168	1066517	52.009	nq	98
56) 4-Nitrophenol	14.79	139	359249	100.846	nq	97
57) 2,4-Dinitrotoluene	14.93	165	281320	50.504	nq	98
58) Fluorene	15.62	166	834448	51.340	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	244395	53.567	nq	95
60) Diethylphthalate	15.39	149	896883	49.510	nq	99
61) 4-Chlorophenyl-phenylether	15.61	204	441178	49.989	nq	96
62) 4-Nitroaniline	15.63	138	202179	44.041	nq	94
63) Azobenzene	15.90	77	824273	49.064	nq	97
65) 4,6-Dinitro-2-methylphenol	15.69	198	154214	56.257	nq	96
66) n-Nitrosodiphenylamine	15.82	169	773157	50.075	nq	99
67) 4-Bromophenyl-phenylether	16.50	248	287033	48.676	nq	97
68) Hexachlorobenzene	16.63	284	309243	48.669	nq	97
69) Atrazine	16.77	200	287074	57.199	nq	100
70) Pentachlorophenol	16.97	266	328598	93.814	nq	97
71) Phenanthrene	17.36	178	1263125	50.227	nq	99
72) Anthracene	17.44	178	1318905	53.067	nq	98
73) Carbazole	17.71	167	1160528	50.551	nq	97
74) Di-n-butylphthalate	18.28	149	1422983	48.547	nq	98
75) Fluoranthene	19.36	202	1451267	50.460	nq	97
77) Benzidine	19.54	184	437734	38.375	nq	97
78) Pyrene	19.72	202	1461025	49.323	nq	98
80) Butylbenzylphthalate	20.62	149	675982	47.933	nq	95
81) Benzo(a)anthracene	21.54	228	1410641	50.131	nq	98
82) 3,3'-Dichlorobenzidine	21.46	252	288018	25.908	nq	99
83) Chrysene	21.60	228	1347902	50.412	nq	97
84) Bis(2-ethylhexyl)phthalate	21.46	149	947364	48.685	nq	98
85) Di-n-octyl phthalate	22.64	149	1646408	50.328	nq	96
86) Indeno(1,2,3-cd)pyrene	28.20	276	1784335	49.105	nq	# 91
88) Benzo(b)fluoranthene	23.69	252	1513240	49.296	nq	99
89) Benzo(k)fluoranthene	23.76	252	1449865	49.668	nq	98
90) Benzo(a)pyrene	24.53	252	1387661	47.895	nq	98
91) Dibenzo(a,h)anthracene	28.26	278	1464626	50.336	nq	98
92) Benzo(g,h,i)perylene	29.30	276	1488146	51.488	nq	97

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

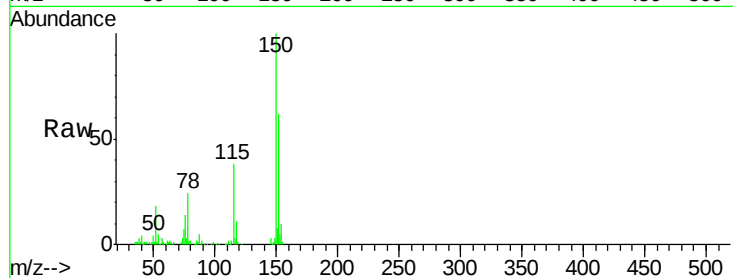


#1

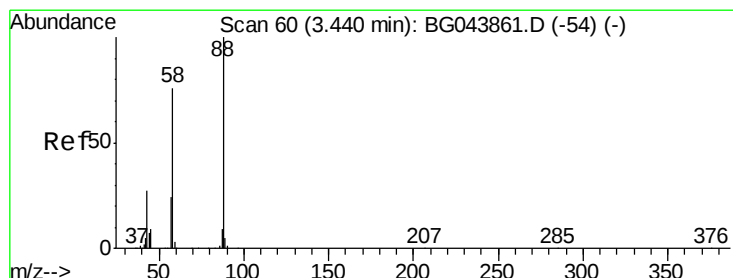
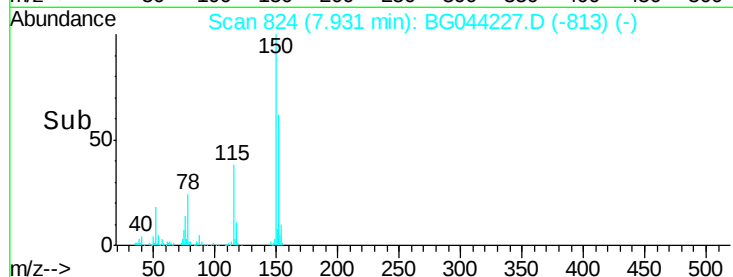
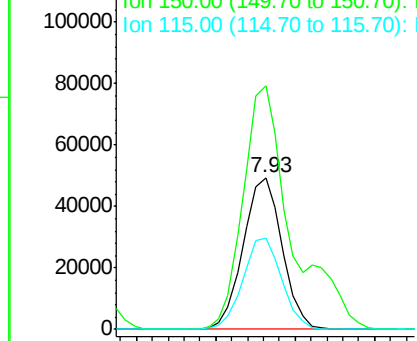
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

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

Tot Ion:152 Resp: 83875
Ion Ratio Lower Upper
152 100
150 160.6 127.0 190.4
115 60.5 47.8 71.8



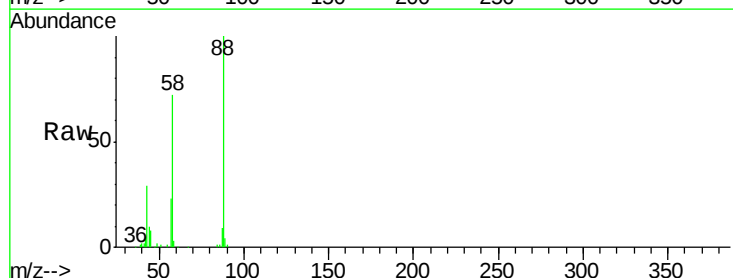
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



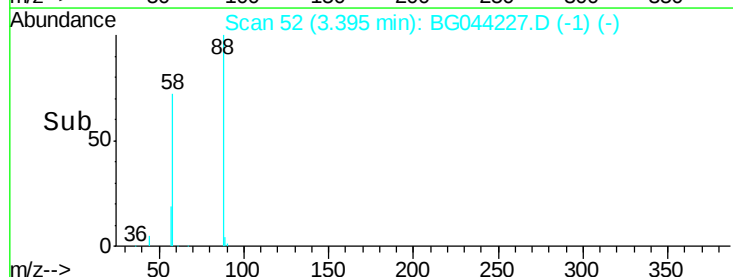
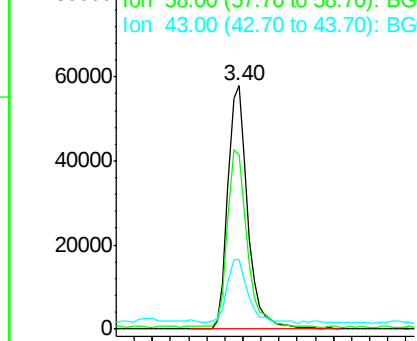
#2

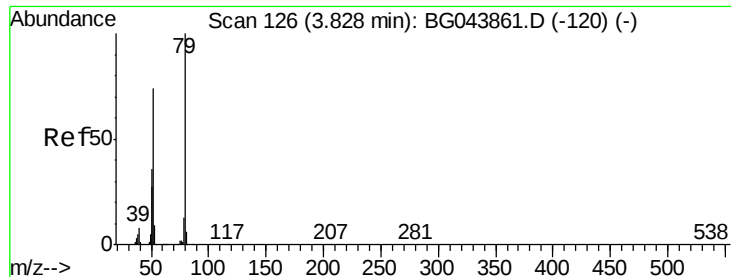
1,4-Dioxane
Concen: 44.148 ng
RT: 3.40 min Scan# 52
Delta R.T. -0.04 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

Tgt Ion: 88 Resp: 87932
Ion Ratio Lower Upper
88 100
58 72.0 59.8 89.8
43 28.4 22.9 34.3



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





#3

Pvridine

Concen: 38.314 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.04 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMSD

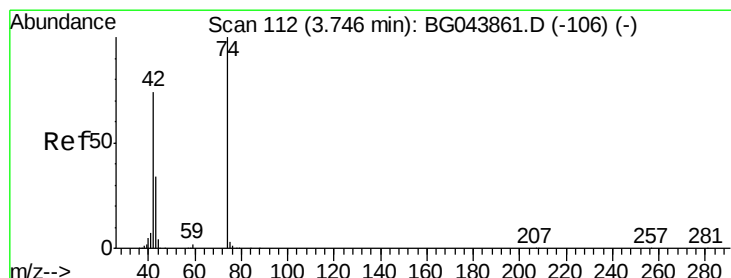
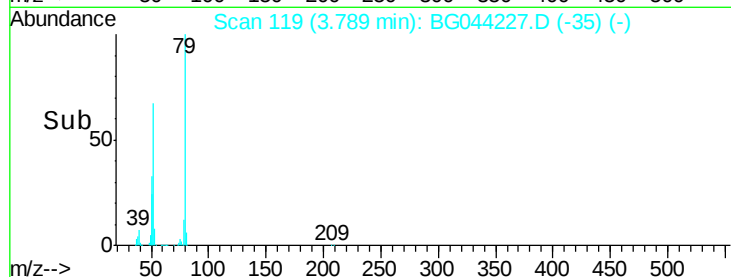
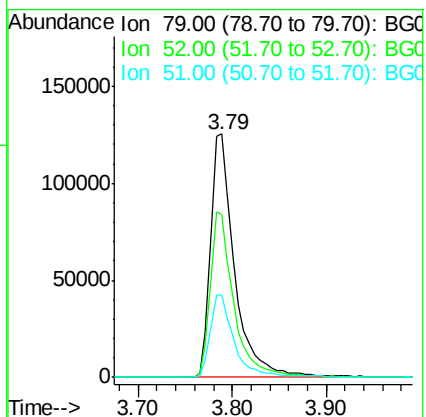
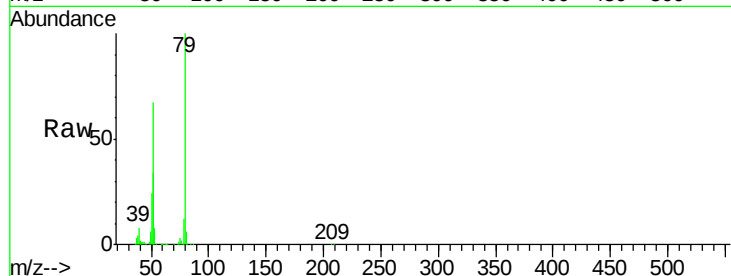
Tot Ion: 79 Resp: 225438

Ion Ratio Lower Upper

79 100

52 66.9 58.9 88.3

51 33.8 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 45.193 ng

RT: 3.70 min Scan# 104

Delta R.T. -0.04 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

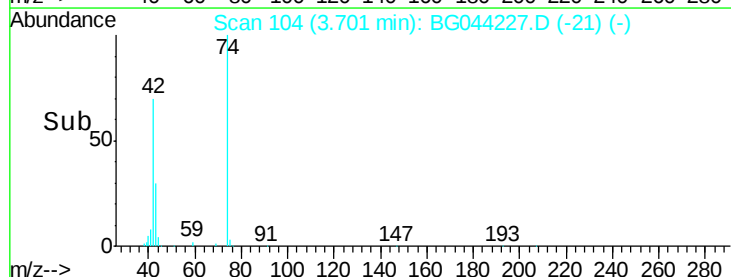
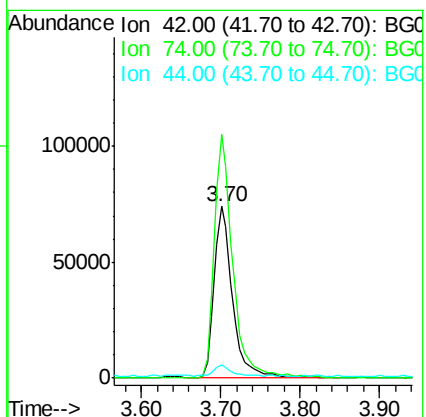
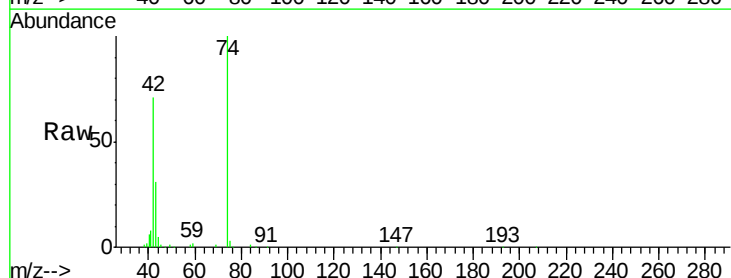
Tgt Ion: 42 Resp: 118391

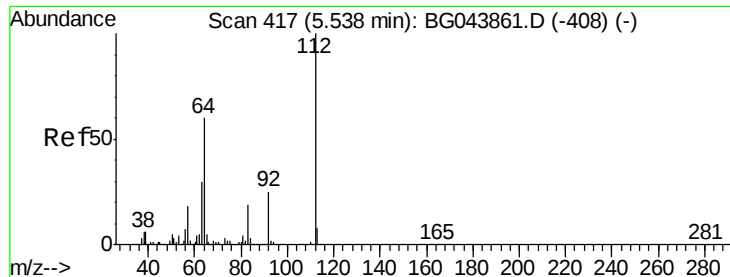
Ion Ratio Lower Upper

42 100

74 141.8 108.6 162.8

44 7.5 5.0 7.6





#5

2-Fluorophenol

Concen: 159.065 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMSD

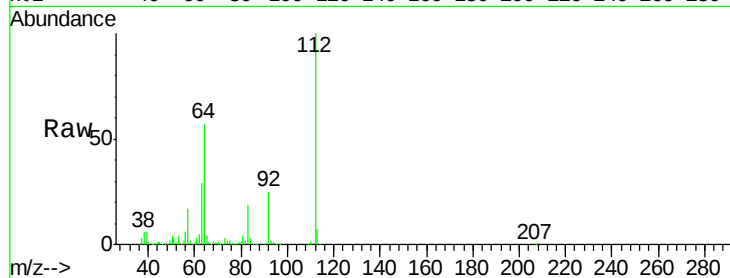
Tot Ion:112 Resp: 726619

Ion Ratio Lower Upper

112 100

64 57.1 47.8 71.6

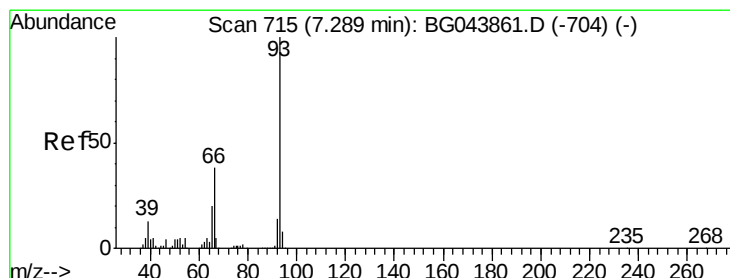
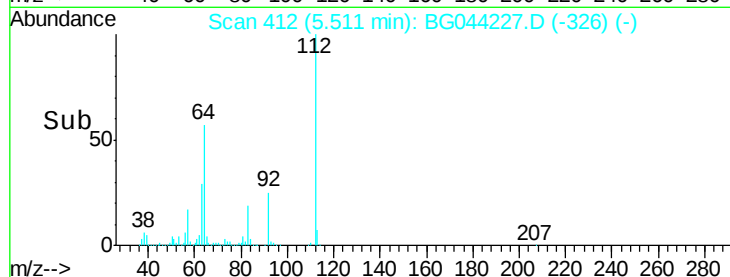
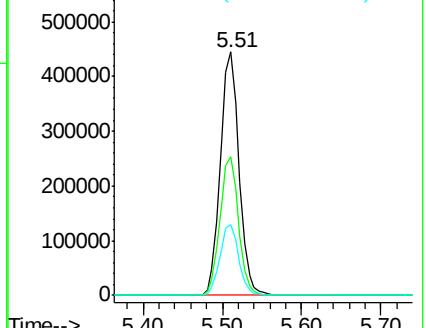
63 29.3 24.3 36.5



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: 24.073 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.04 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

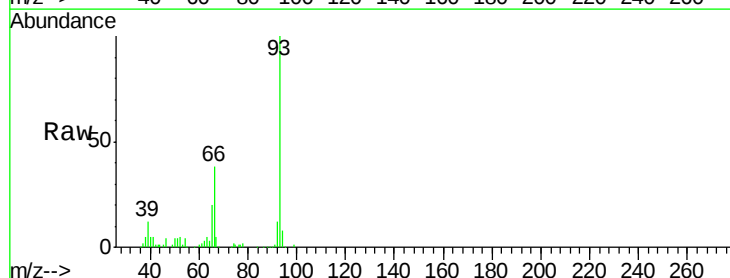
Tgt Ion: 93 Resp: 201896

Ion Ratio Lower Upper

93 100

66 38.2 30.8 46.2

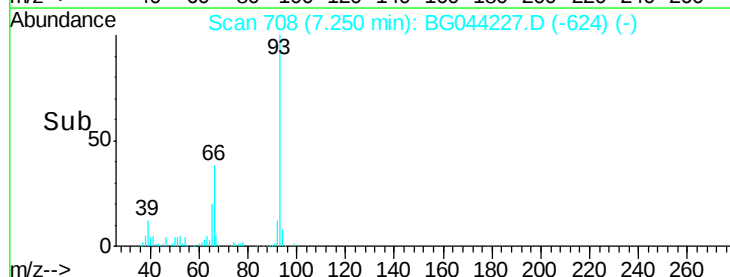
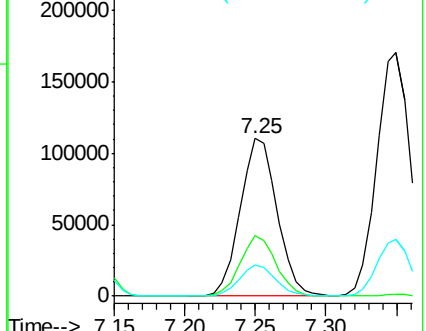
65 19.5 16.0 24.0

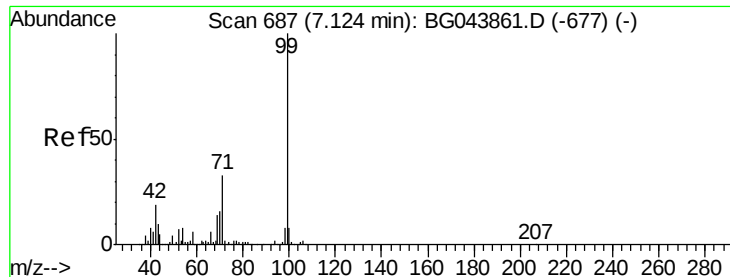


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 151.365 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMSD

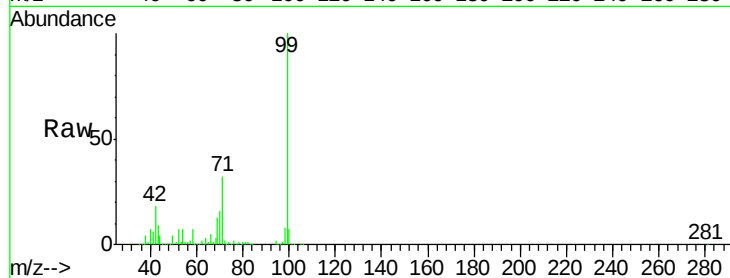
Tot Ion: 99 Resp: 966510

Ion Ratio Lower Upper

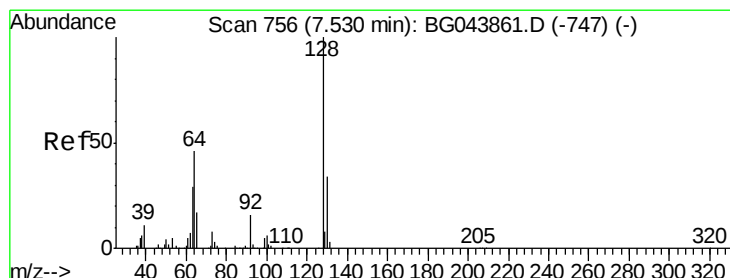
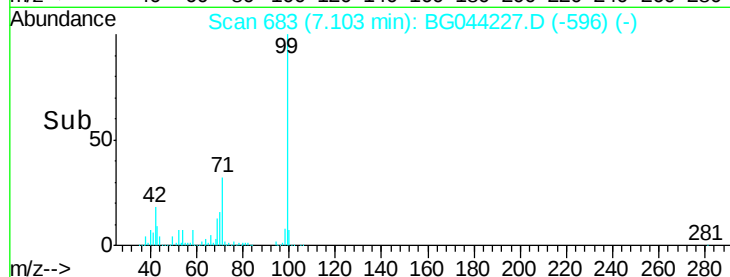
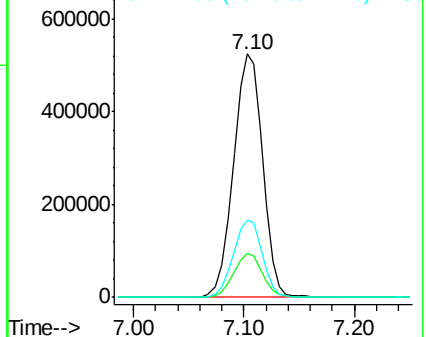
99 100

42 18.1 14.9 22.3

71 31.9 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: 59.643 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.03 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

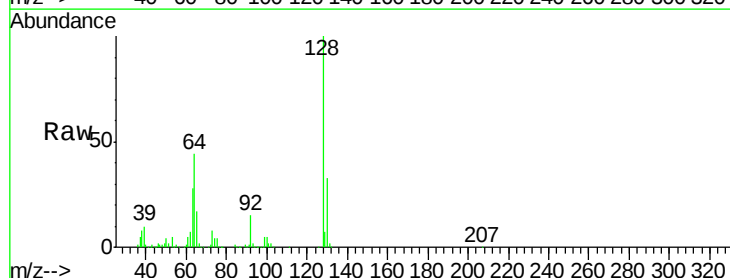
Tgt Ion: 128 Resp: 319855

Ion Ratio Lower Upper

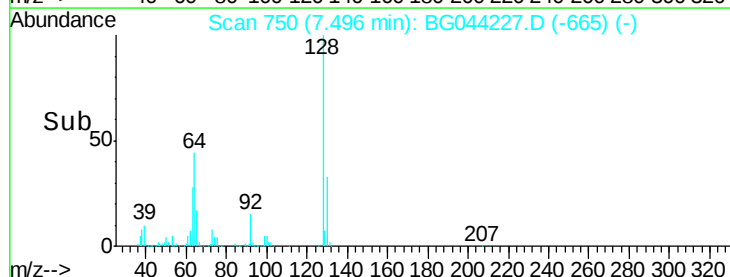
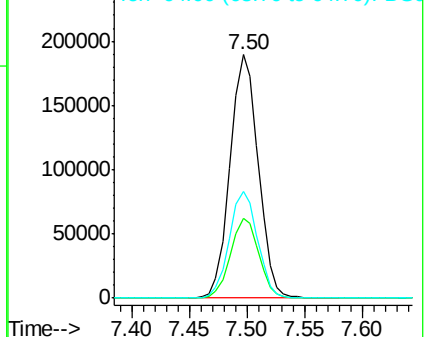
128 100

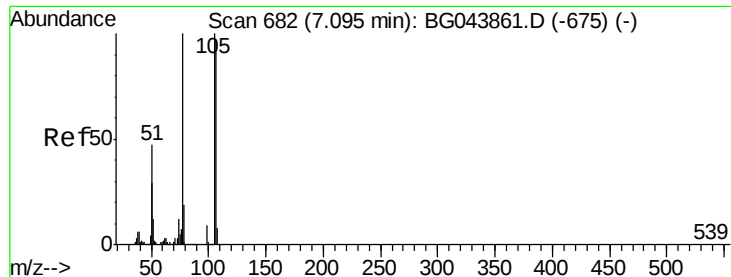
130 32.7 13.8 53.8

64 43.7 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: 36.259 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.03 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMSD

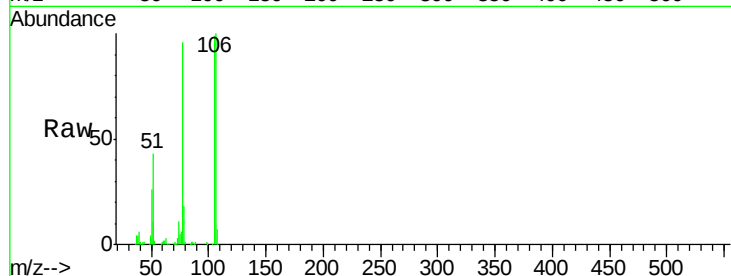
Tot Ion: 77 Resp: 148182

Ion Ratio Lower Upper

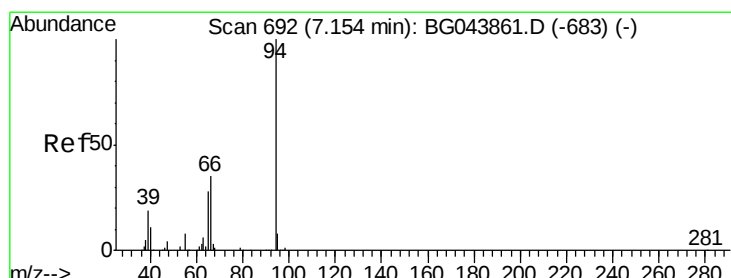
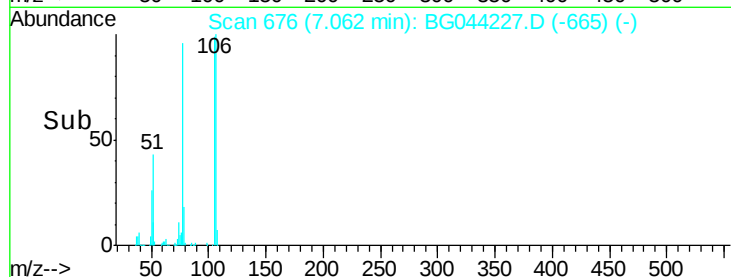
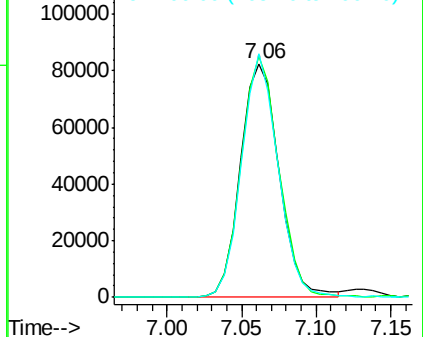
77 100

105 103.1 80.2 120.2

106 104.1 77.2 117.2



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



#10

Phenol

Concen: 62.770 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

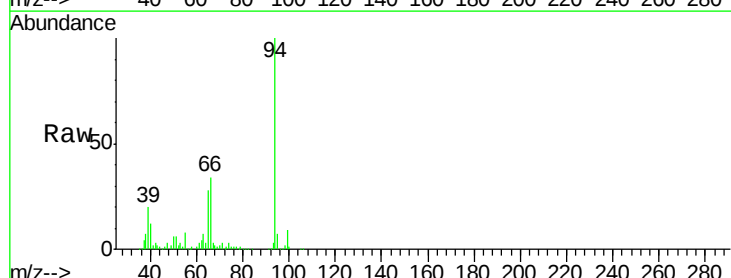
Tgt Ion: 94 Resp: 412958

Ion Ratio Lower Upper

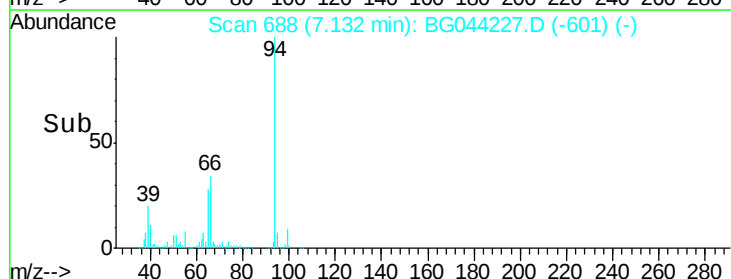
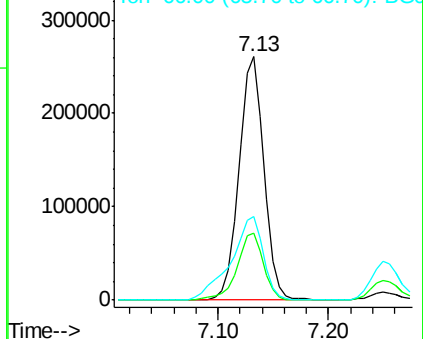
94 100

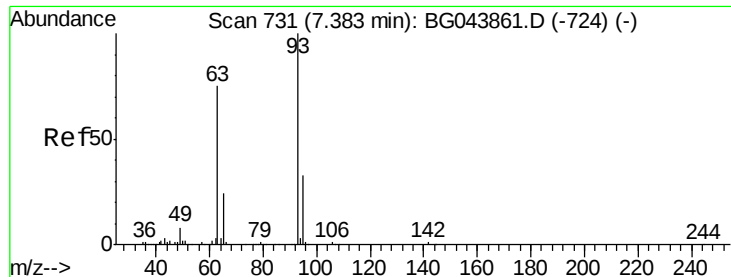
65 27.6 8.1 48.1

66 34.2 15.6 55.6



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

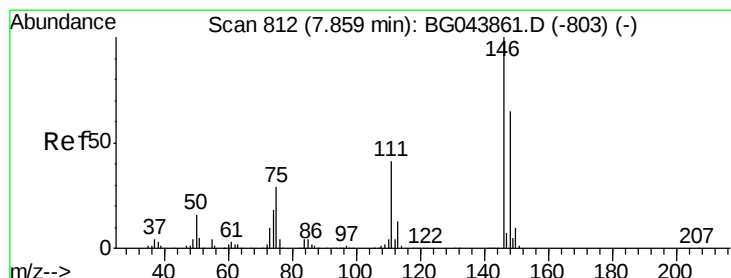
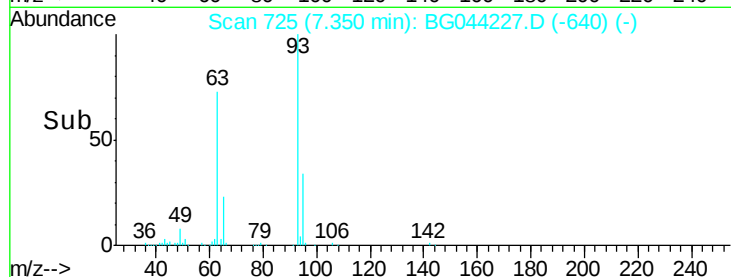
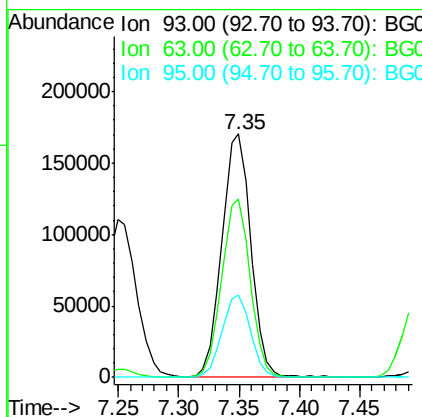
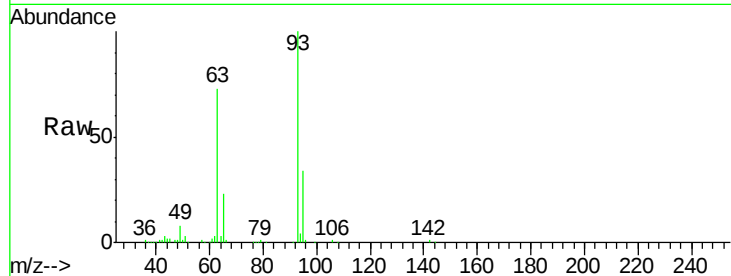




#11
bis(2-Chloroethyl)ether
Concen: 49.667 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.03 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

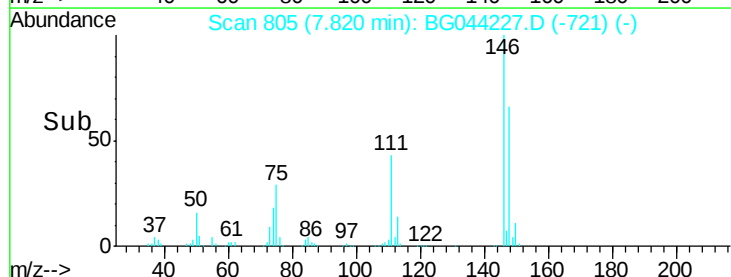
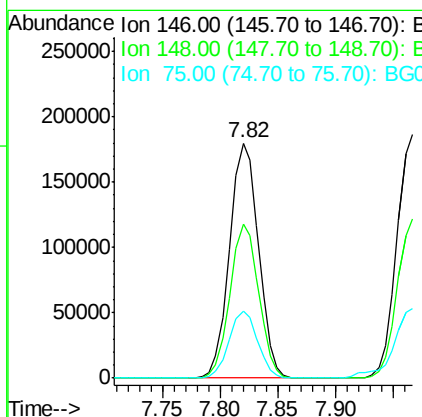
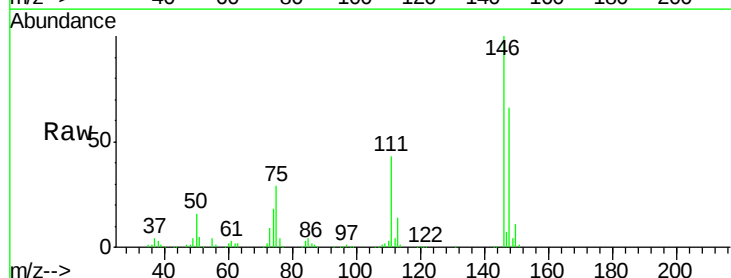
Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMSD

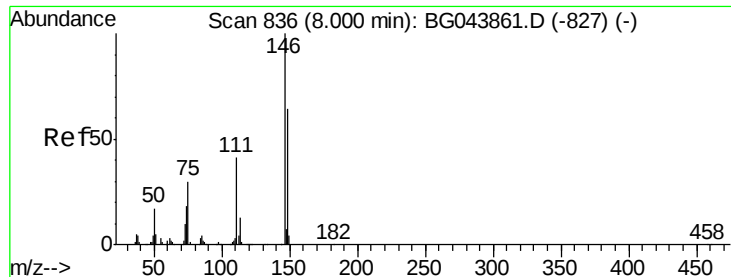
Tot Ion: 93 Resp: 282052
Ion Ratio Lower Upper
93 100
63 73.2 55.0 95.0
95 33.7 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 49.740 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.04 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

Tgt Ion: 146 Resp: 312148
Ion Ratio Lower Upper
146 100
148 65.7 52.1 78.1
75 28.7 23.0 34.4

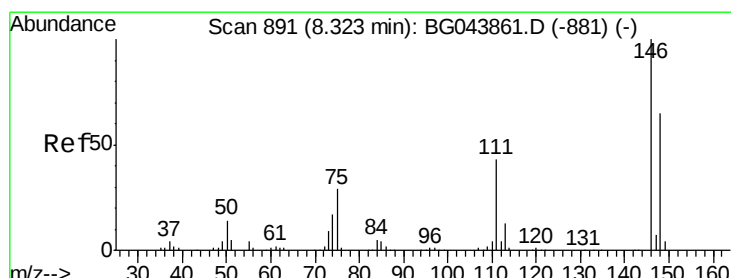
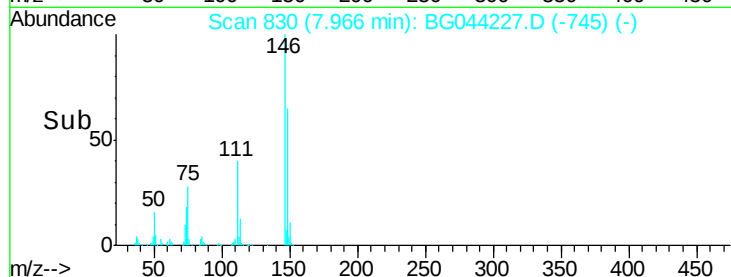
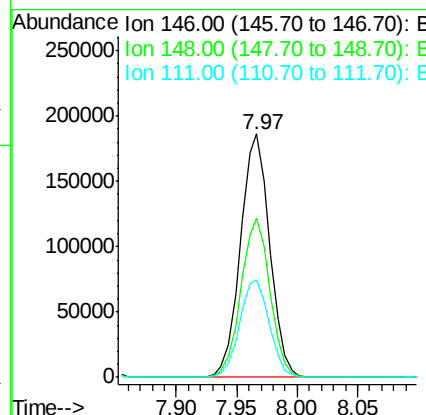
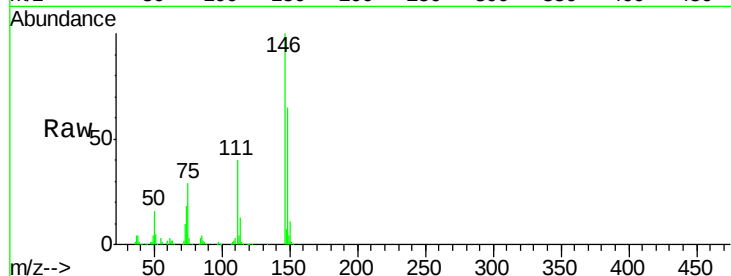




#13
 1,4-Dichlorobenzene
 Concen: 50.671 ng
 RT: 7.97 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BG044227.D
 Acq: 27 Jan 2020 22:44

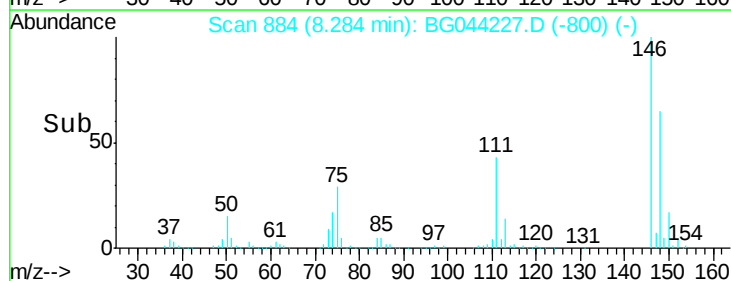
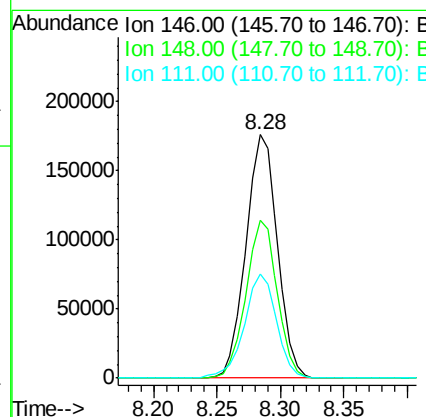
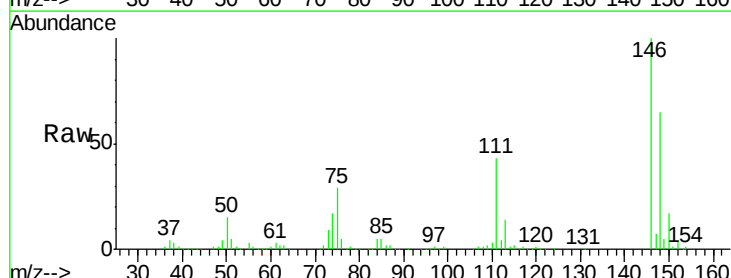
Instrument :
 BNA_G
 ClientSampleId :
 TP-22-21-COMPMSD

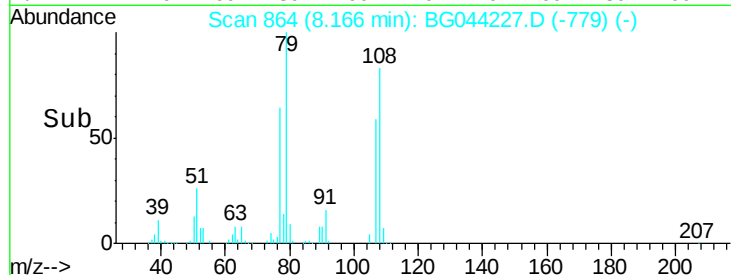
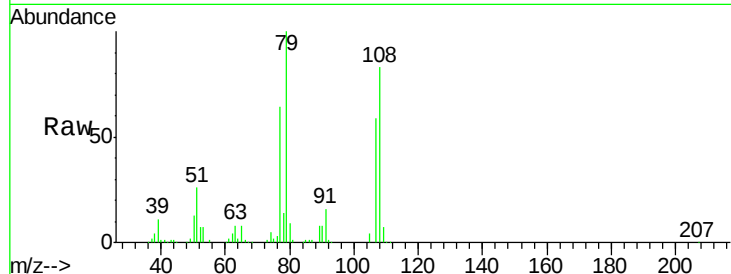
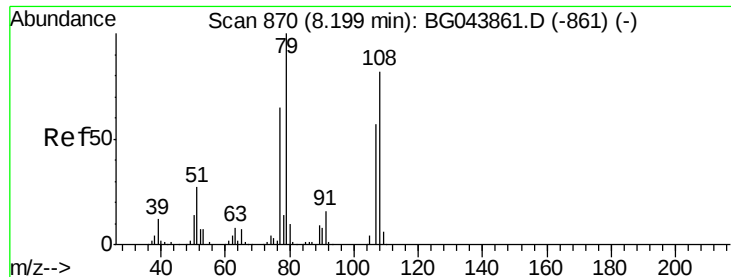
Tot Ion:146 Resp: 313755
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.2 76.8
 111 40.0 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 51.029 ng
 RT: 8.28 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BG044227.D
 Acq: 27 Jan 2020 22:44

Tgt Ion:146 Resp: 303280
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.7 77.5
 111 42.7 34.4 51.6

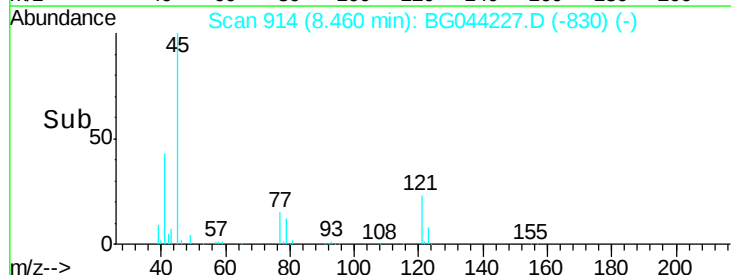
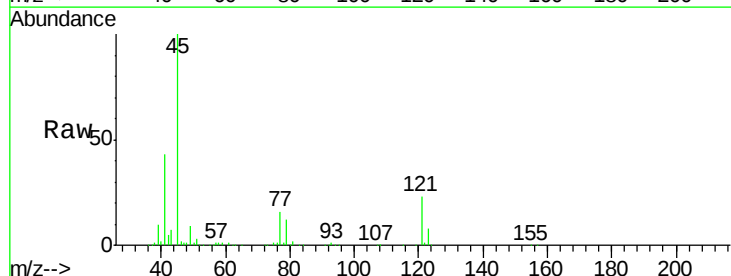
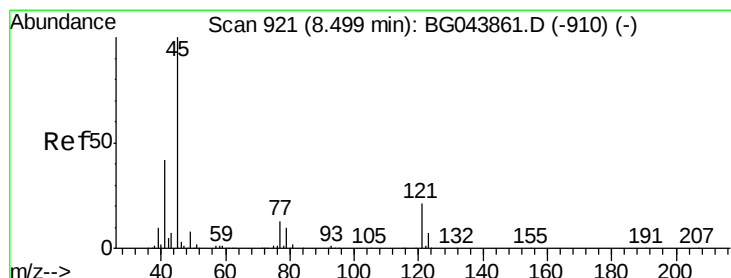
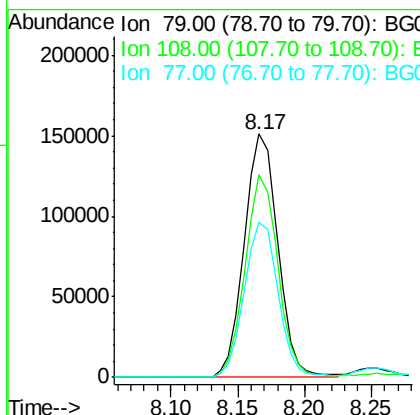




#15
Benzyl Alcohol
Concen: 52.159 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.03 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

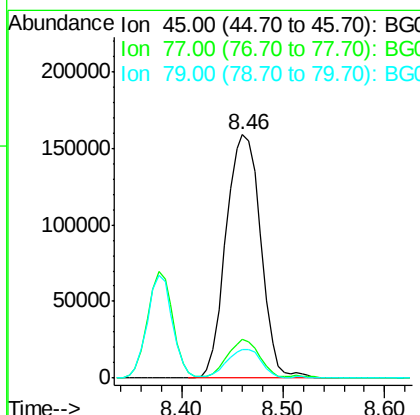
Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMSD

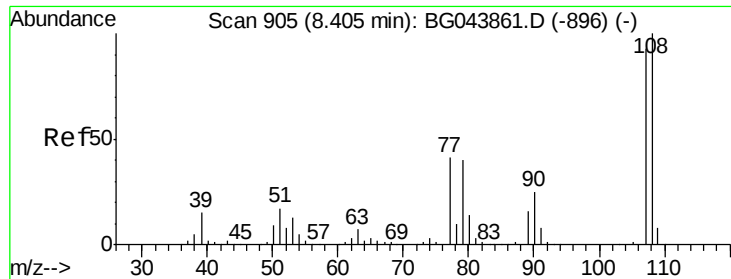
Tot Ion: 79 Resp: 262853
Ion Ratio Lower Upper
79 100
108 83.3 65.6 98.4
77 63.9 52.0 78.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.882 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.04 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

Tgt Ion: 45 Resp: 376755
Ion Ratio Lower Upper
45 100
77 15.7 0.0 33.8
79 11.8 0.0 31.0

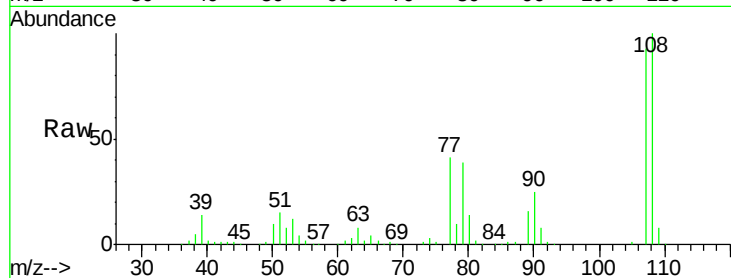




#17
2-Methylphenol
Concen: 57.349 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

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

Tot Ion:	107	Resp:	273029
Ion	Ratio	Lower	Upper
107	100		
108	107.9	86.1	129.1
77	43.7	35.4	53.0
79	42.1	34.8	52.2



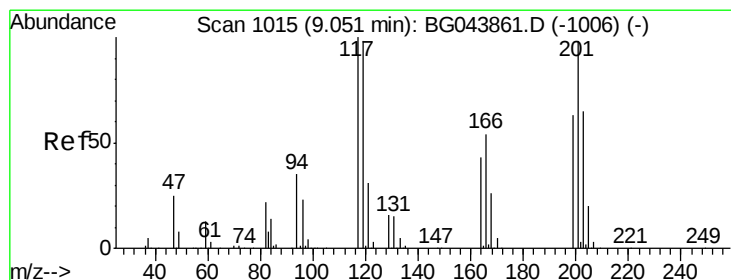
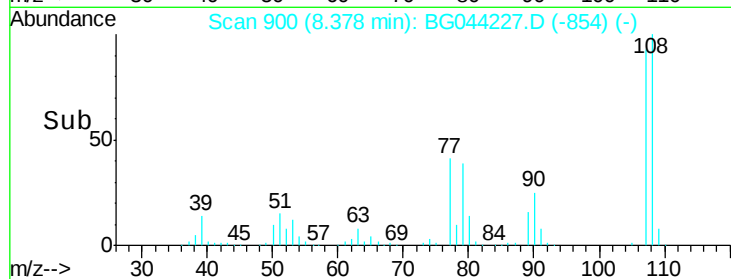
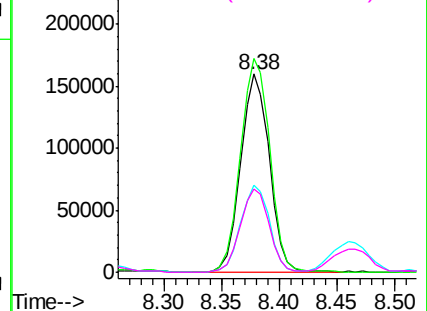
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

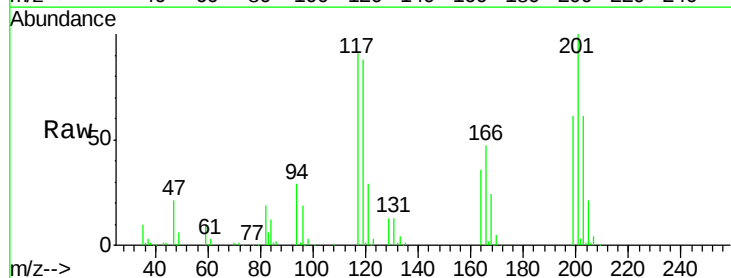
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 48.989 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.03 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

Tgt Ion:	117	Resp:	118032
Ion	Ratio	Lower	Upper
117	100		
119	96.3	78.1	117.1
201	109.8	78.6	117.8

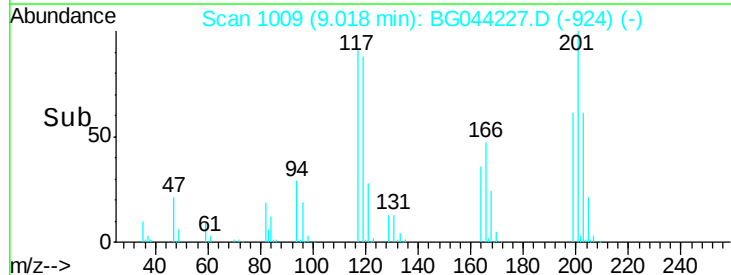
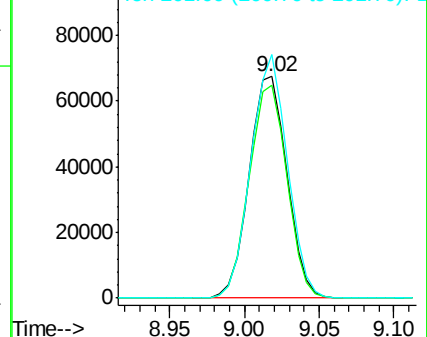


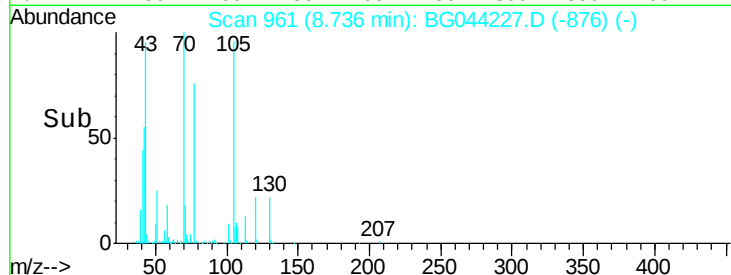
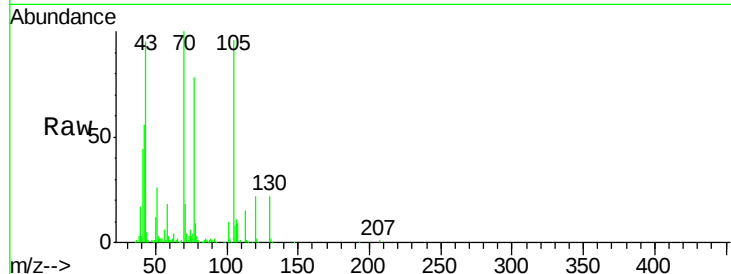
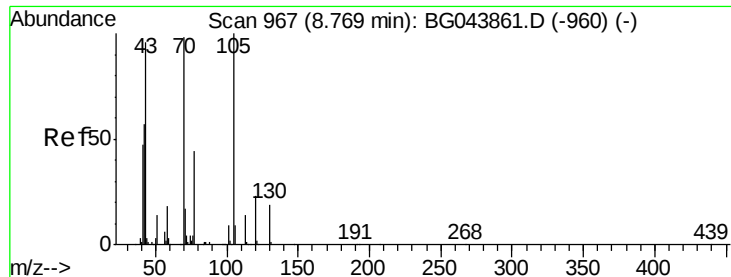
Abundance

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

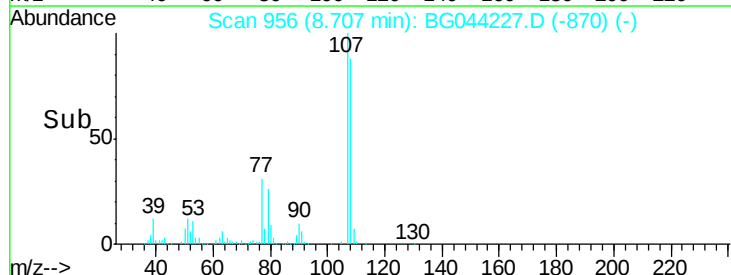
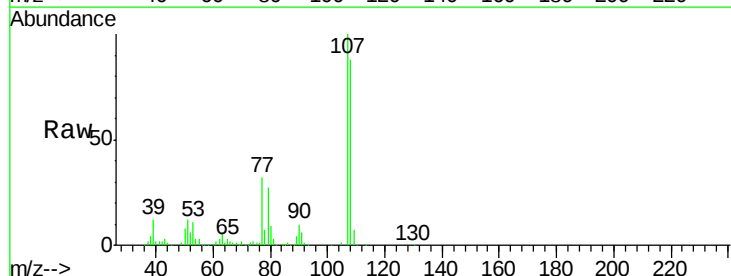
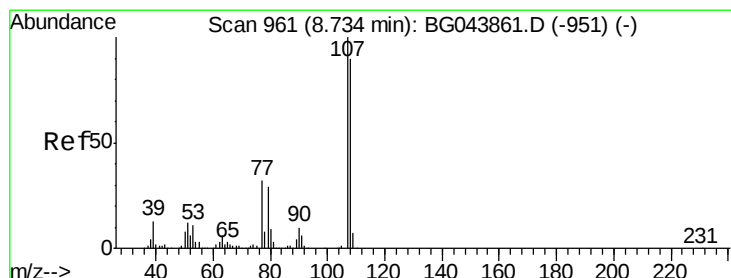
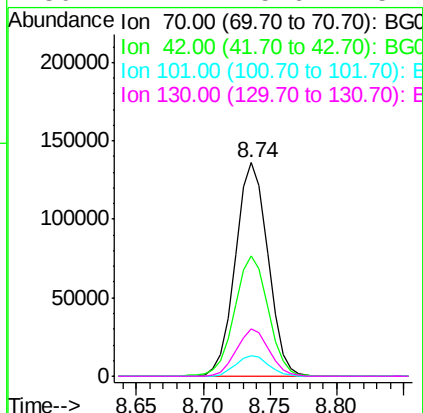




#19
n-Nitroso-di-n-propylamine
Concen: 48.299 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.03 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

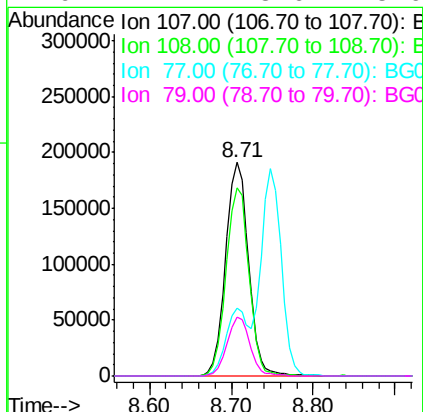
Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMSD

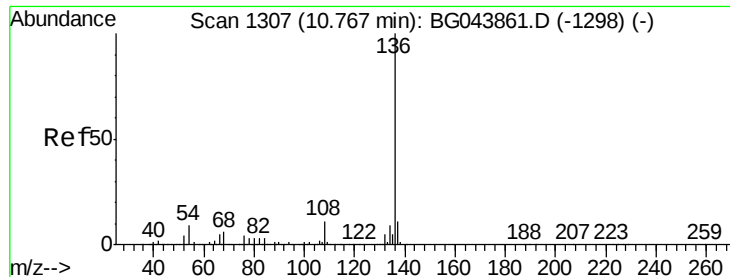
Tot Ion:	70	Resp:	229671
Ion	Ratio	Lower	Upper
70	100		
42	56.3	47.0	70.4
101	9.7	7.2	10.8
130	22.1	15.6	23.4



#20
3+4-Methylphenols
Concen: 56.320 ng
RT: 8.71 min Scan# 956
Delta R.T. -0.03 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

Tgt Ion:	107	Resp:	374050
Ion	Ratio	Lower	Upper
107	100		
108	88.3	70.3	110.3
77	31.6	12.4	52.4
79	27.4	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1301

Delta R.T. -0.03 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMSD

Tot Ion:136 Resp: 378509

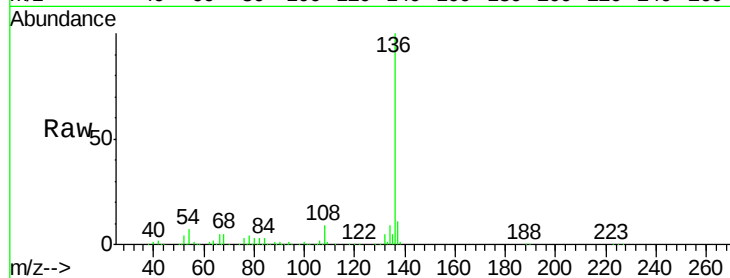
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.1 7.0 10.4

68 5.4 4.9 7.3

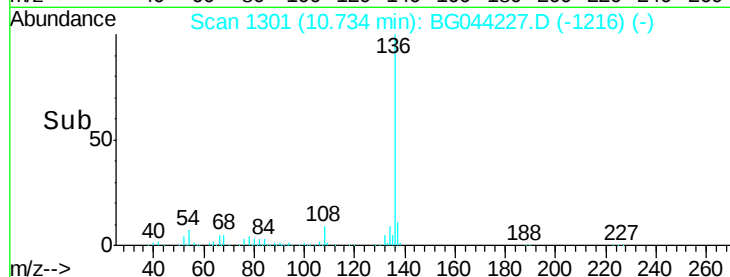


Abundance Ion 136.00 (135.70 to 136.70): E

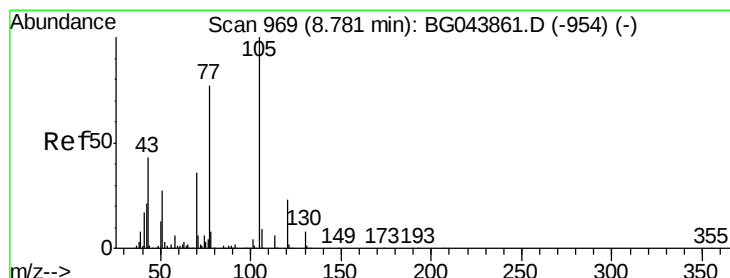
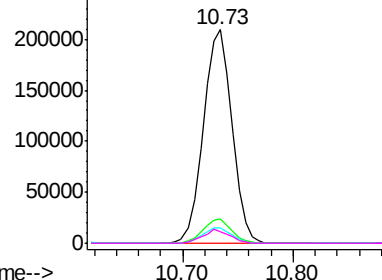
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#22

Acetophenone

Concen: 45.704 ng

RT: 8.75 min Scan# 963

Delta R.T. -0.03 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

Tgt Ion:105 Resp: 430077

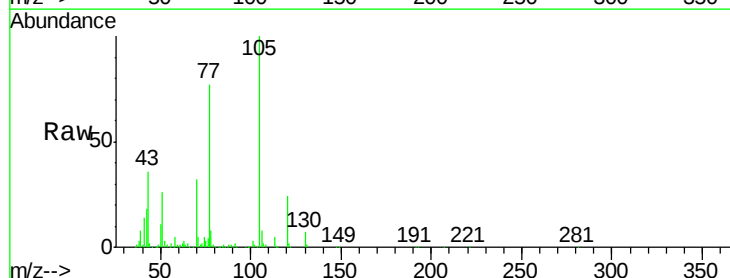
Ion Ratio Lower Upper

105 100

71 5.3 4.8 7.2

51 25.8 21.4 32.0

120 23.7 18.6 28.0

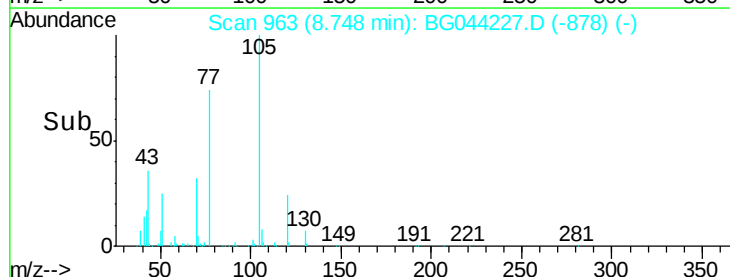


Abundance Ion 105.00 (104.70 to 105.70): E

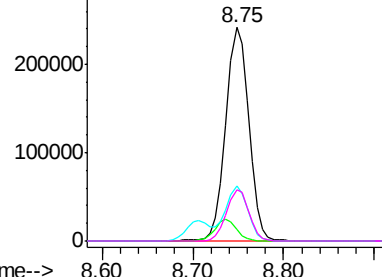
Ion 71.00 (70.70 to 71.70): BGC

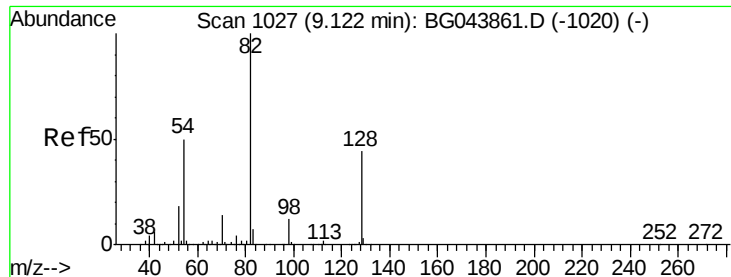
Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



Time-->

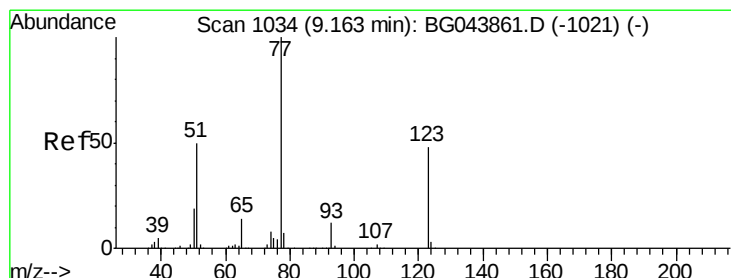
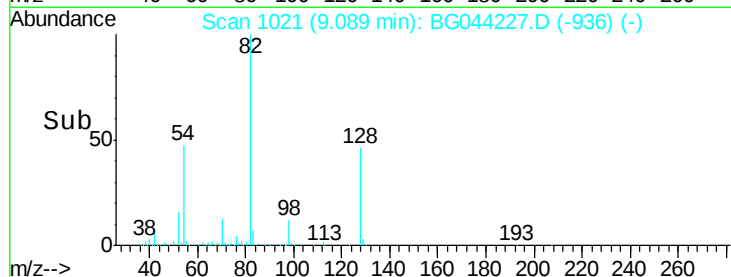
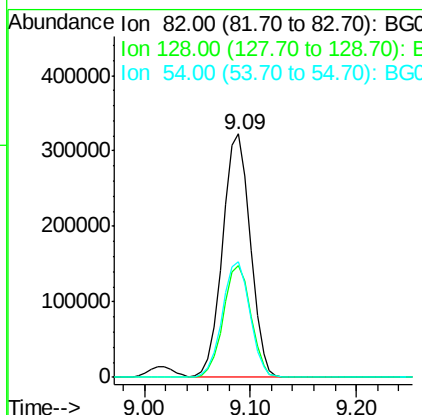
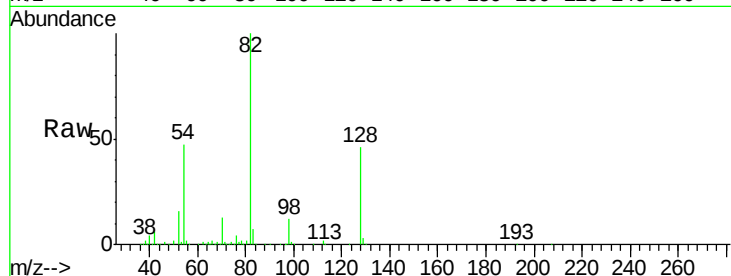




#23
 Nitrobenzene-d5
 Concen: 82.788 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.03 min
 Lab File: BG044227.D
 Acq: 27 Jan 2020 22:44

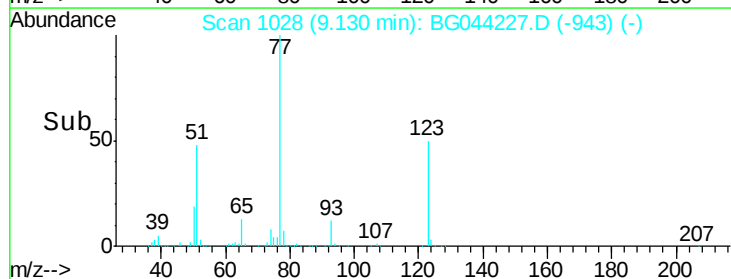
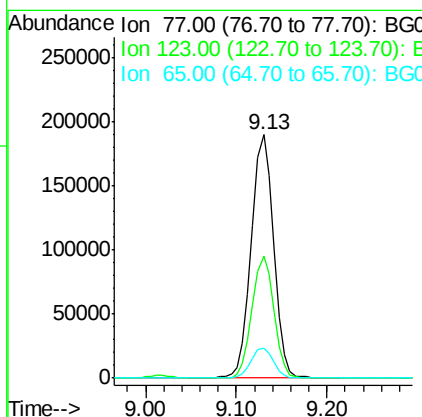
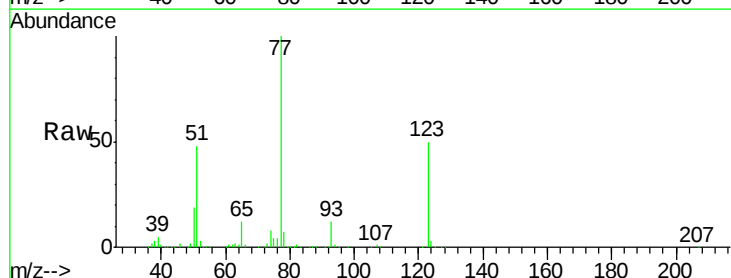
Instrument :
 BNA_G
 ClientSampleId :
 TP-22-21-COMPMSD

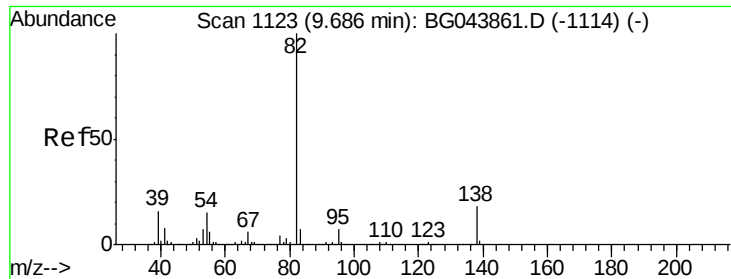
Tot Ion	82	Resp	585765
Ion Ratio	100	Lower	Upper
128	45.8	35.1	52.7
54	47.4	40.1	60.1



#24
 Nitrobenzene
 Concen: 46.478 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.03 min
 Lab File: BG044227.D
 Acq: 27 Jan 2020 22:44

Tgt Ion	77	Resp	325702
Ion Ratio	100	Lower	Upper
123	49.9	38.7	58.1
65	12.5	11.1	16.7





#25

Isophorone

Concen: 47.197 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMSD

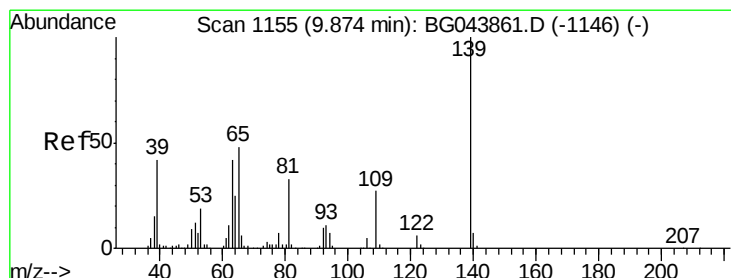
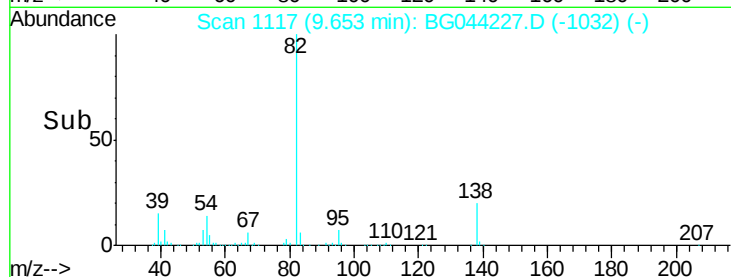
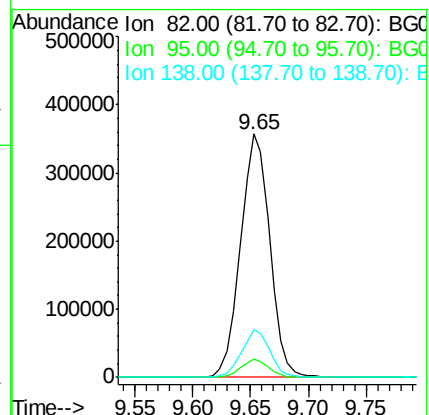
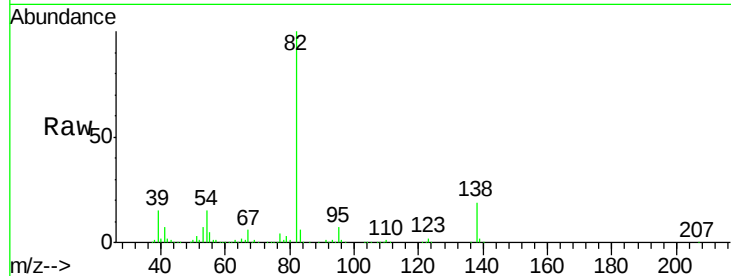
Tot Ion: 82 Resp: 626505

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.6

138 19.5 14.6 22.0



#26

2-Nitrophenol

Concen: 54.570 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.03 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

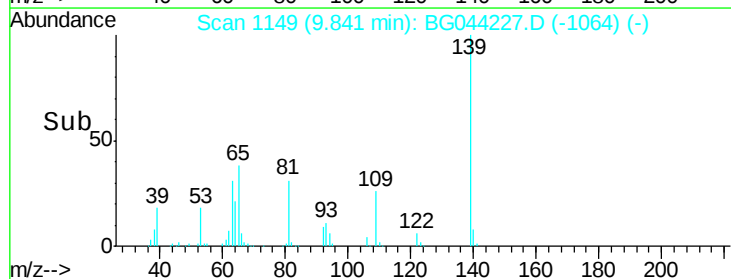
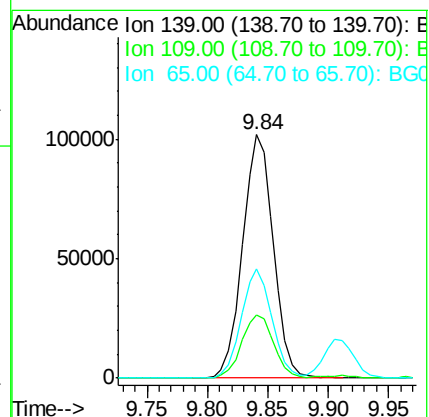
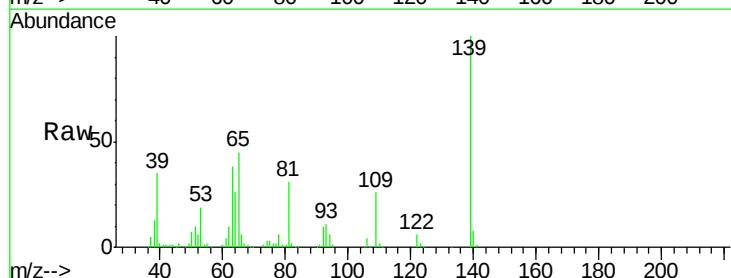
Tgt Ion: 139 Resp: 180924

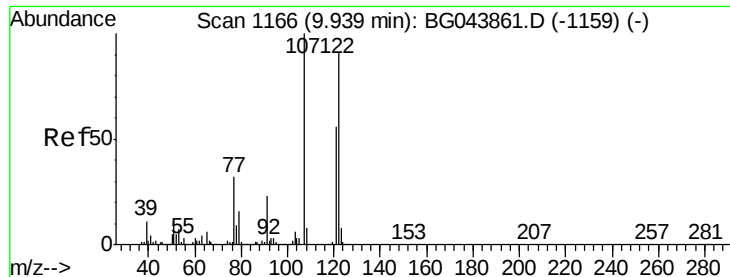
Ion Ratio Lower Upper

139 100

109 25.8 21.3 31.9

65 44.7 38.6 57.8





#27

2,4-Dimethylphenol

Concen: 61.844 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.03 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMSD

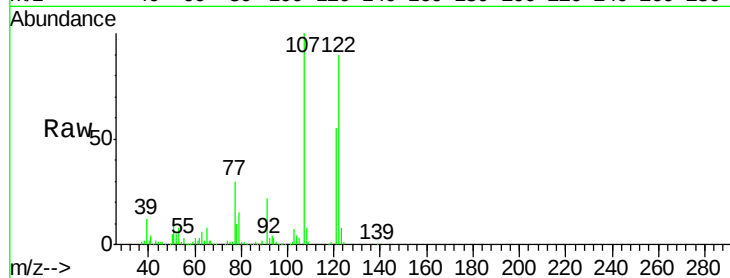
Tot Ion:122 Resp: 308649

Ion Ratio Lower Upper

122 100

107 110.9 88.0 132.0

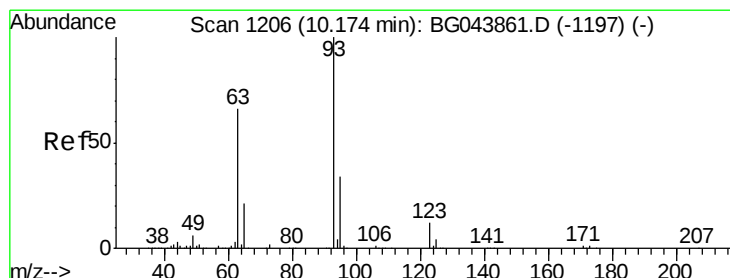
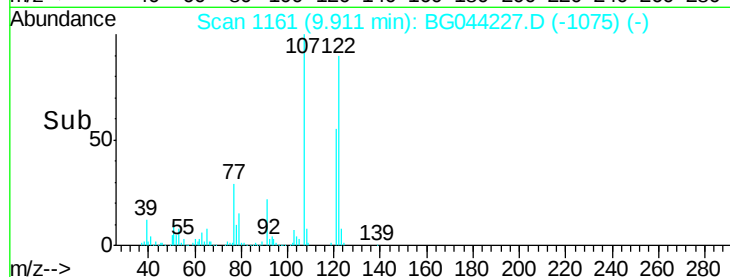
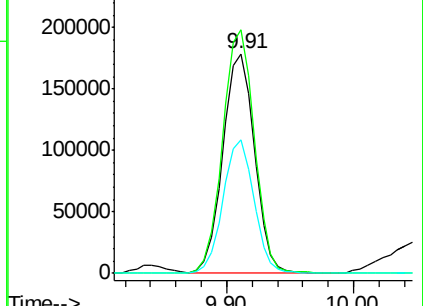
121 61.0 49.0 73.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.454 ng

RT: 10.13 min Scan# 1199

Delta R.T. -0.04 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

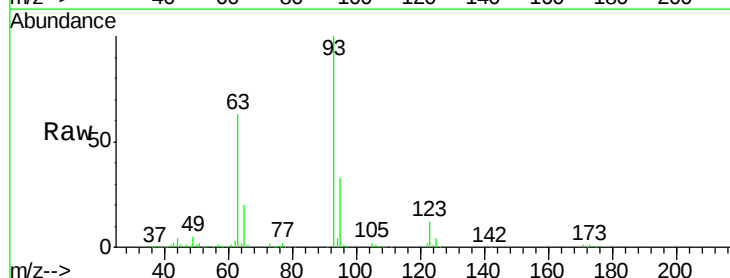
Tgt Ion: 93 Resp: 402253

Ion Ratio Lower Upper

93 100

95 32.7 27.2 40.8

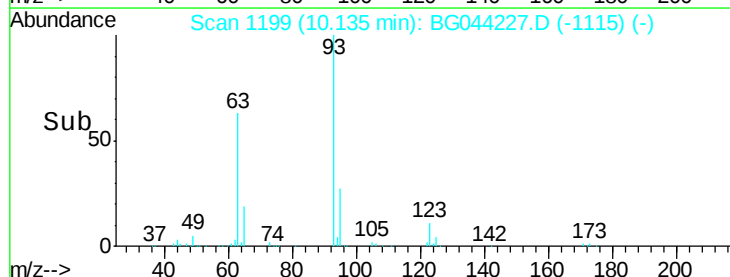
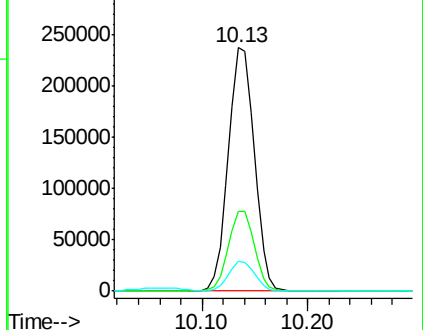
123 12.1 9.7 14.5

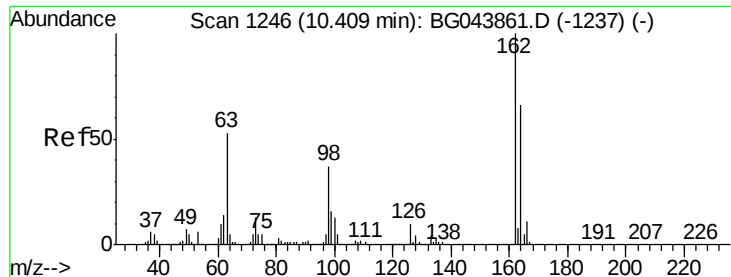


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

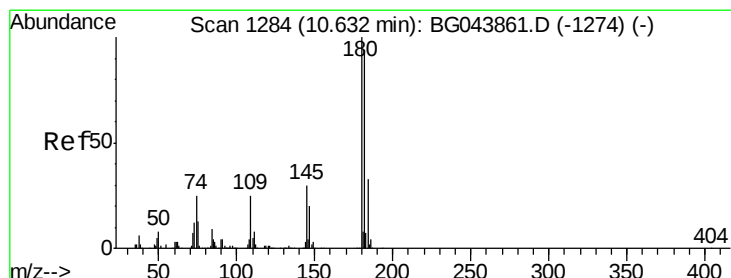
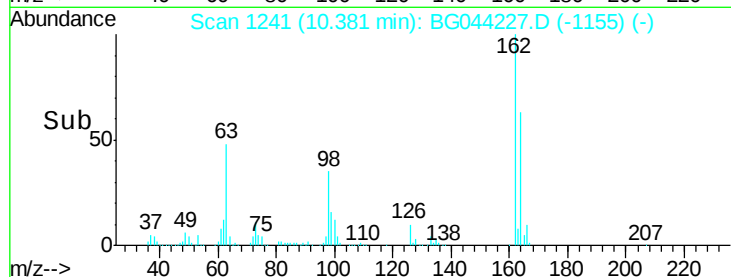
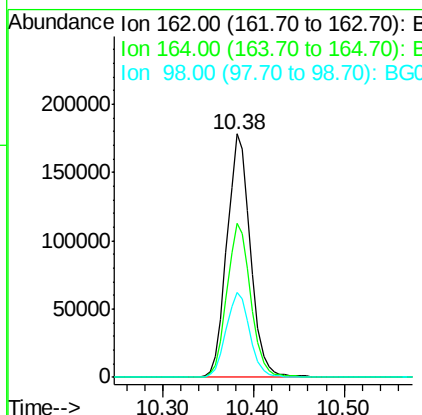
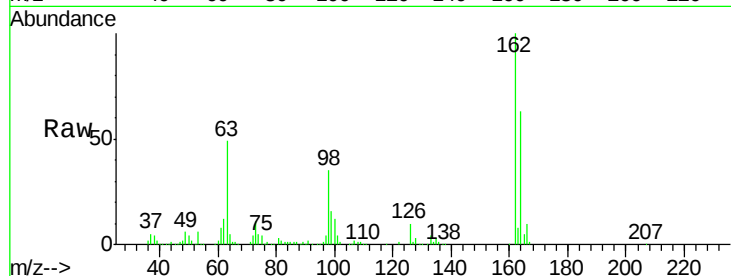




#29
2,4-Dichlorophenol
Concen: 54.079 ng
RT: 10.38 min Scan# 1241
Delta R.T. -0.03 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

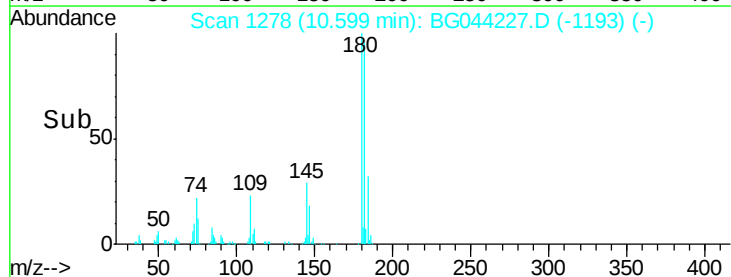
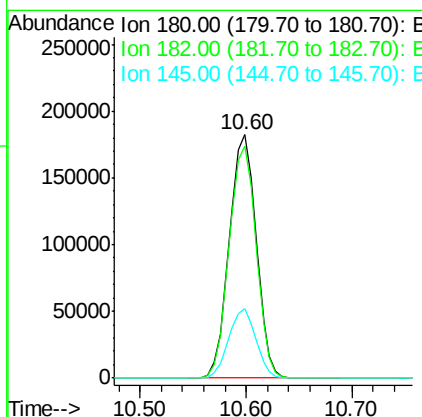
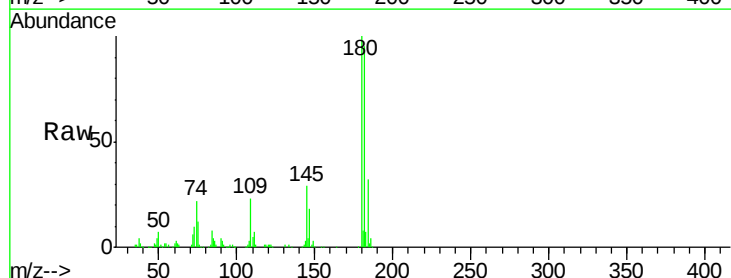
Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMSD

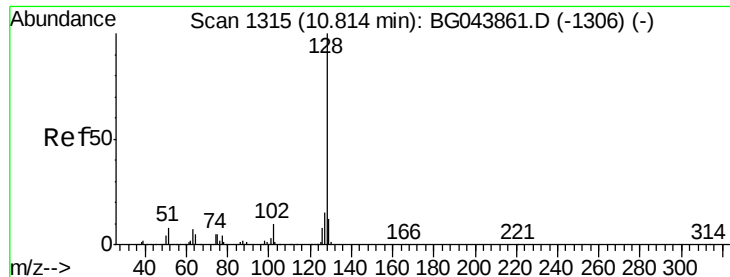
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	46.3	86.3
98	35.1	17.3	57.3



#30
1,2,4-Trichlorobenzene
Concen: 48.050 ng
RT: 10.60 min Scan# 1278
Delta R.T. -0.03 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.0	112.4
145	28.7	24.2	36.4

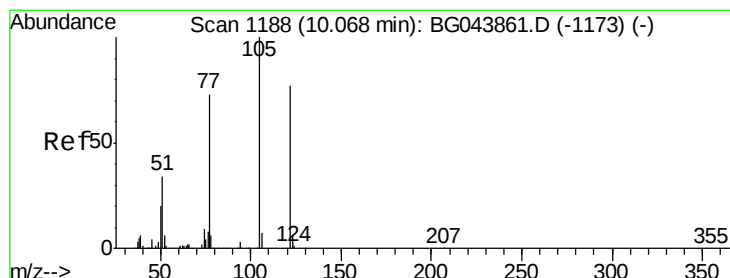
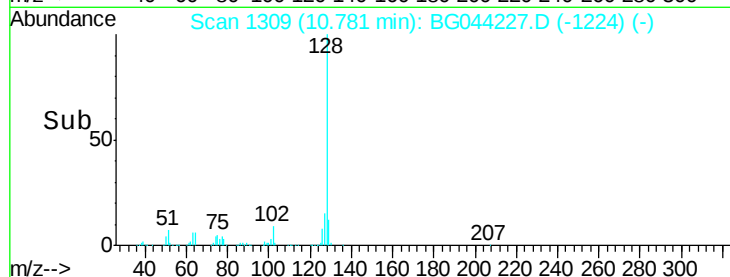
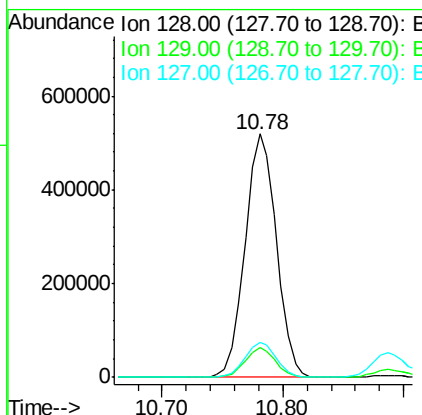
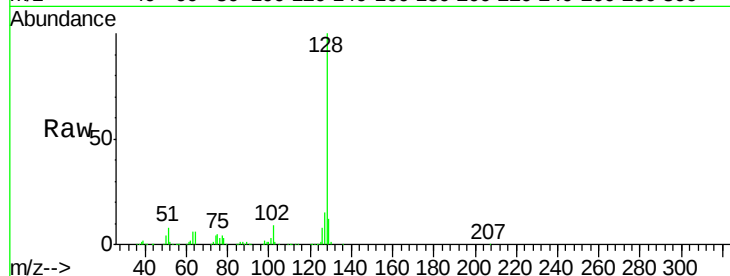




#31
Naphthalene
Concen: 51.118 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.03 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

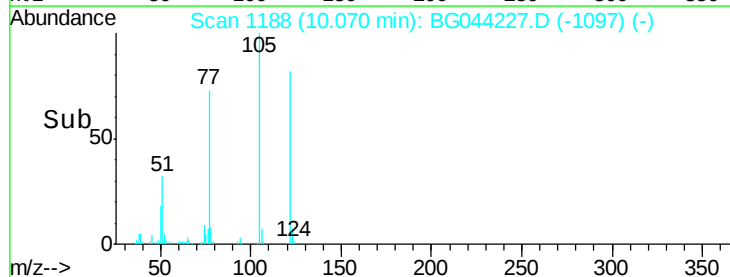
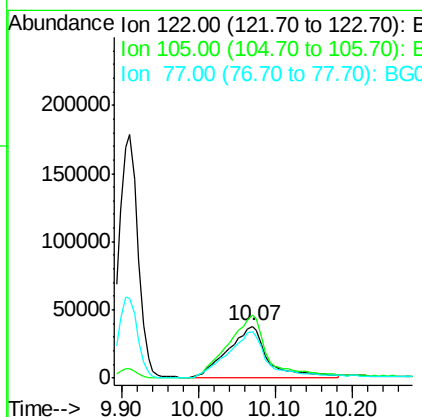
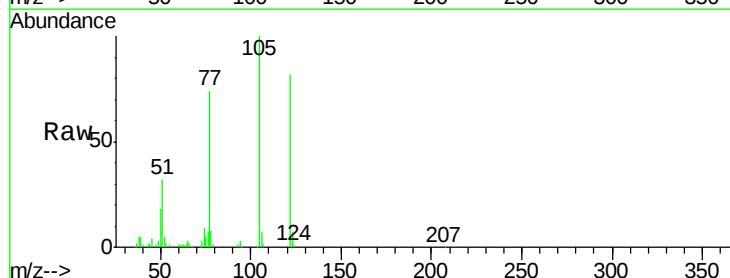
Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMSD

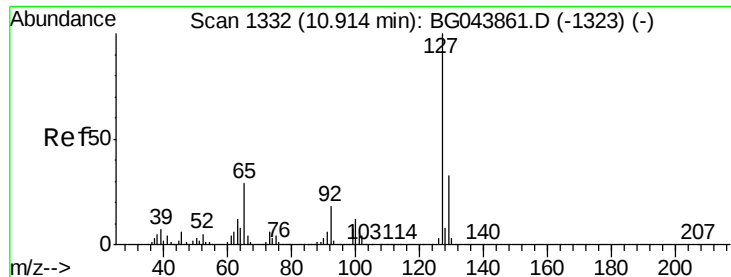
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.8	14.6
127	14.5	12.0	18.0



#32
Benzoic acid
Concen: 35.914 ng
RT: 10.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.3	106.4	146.4
77	89.6	74.6	114.6

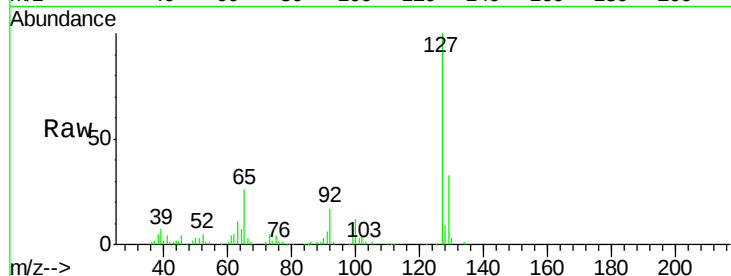




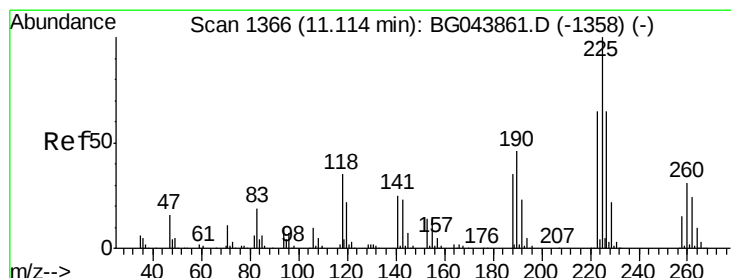
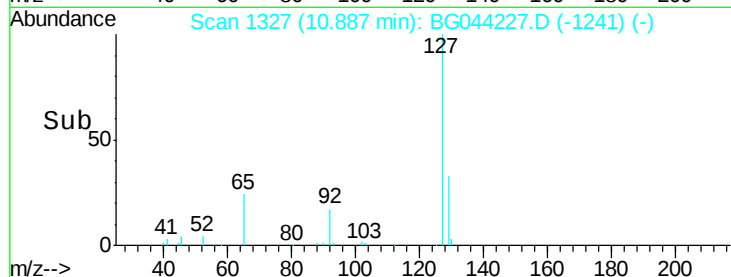
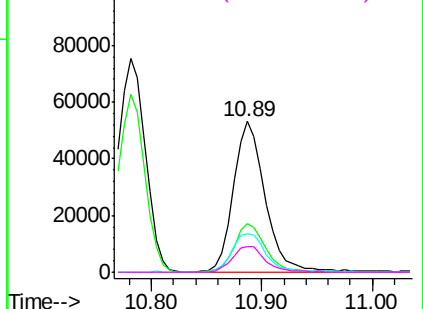
#33
4-Chloroaniline
Concen: 12.277 ng
RT: 10.89 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

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

Tot Ion:	127	Resp:	107259
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.6	40.0
65	25.7	23.3	34.9
92	17.4	14.7	22.1

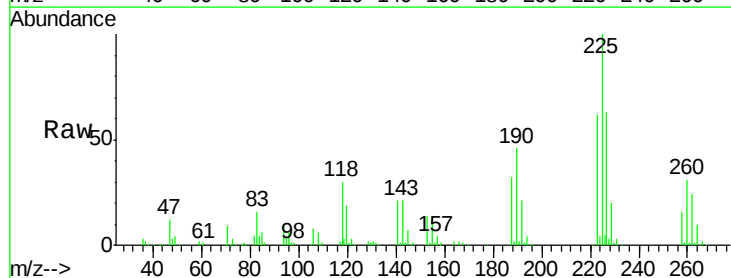


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

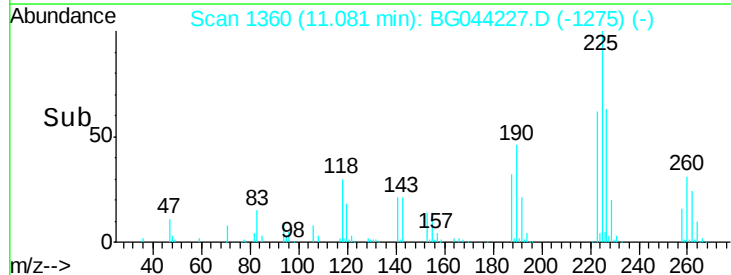
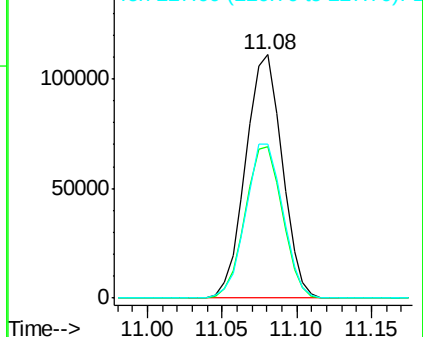


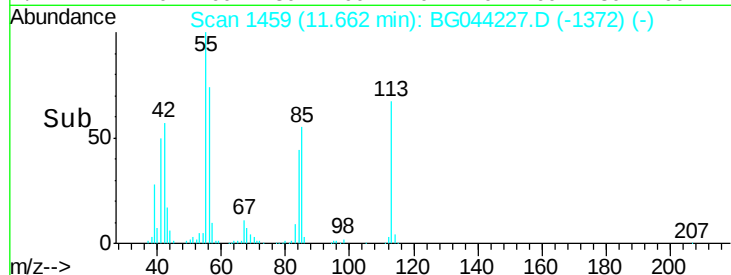
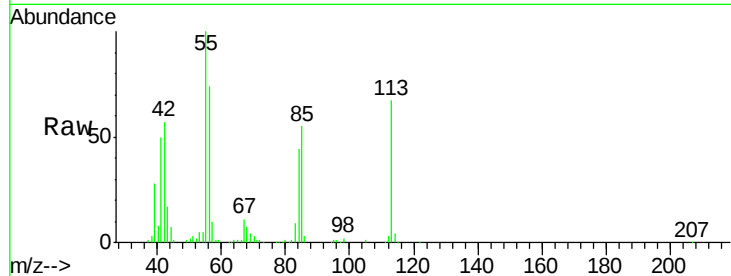
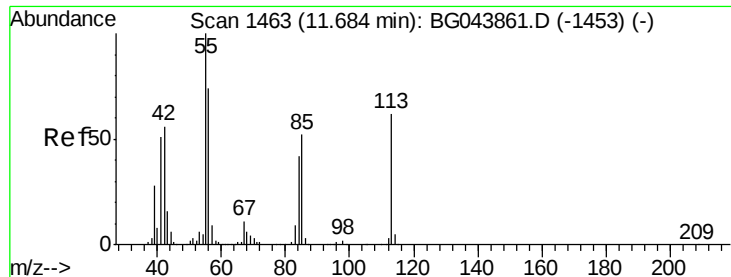
#34
Hexachlorobutadiene
Concen: 46.151 ng
RT: 11.08 min Scan# 1360
Delta R.T. -0.03 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

Tgt Ion:	225	Resp:	188083
Ion	Ratio	Lower	Upper
225	100		
223	62.3	52.2	78.4
227	63.1	52.1	78.1



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

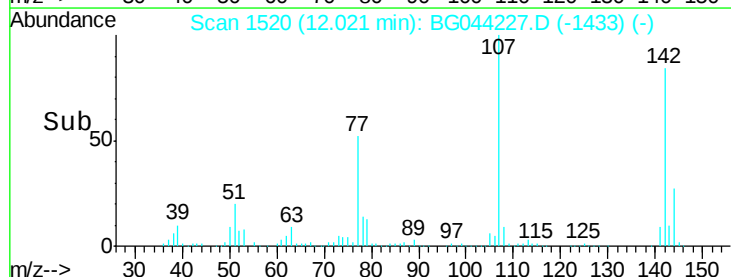
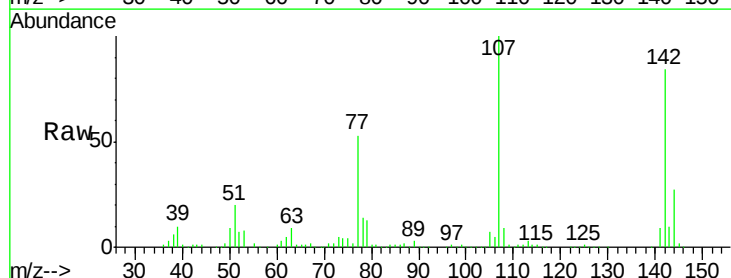
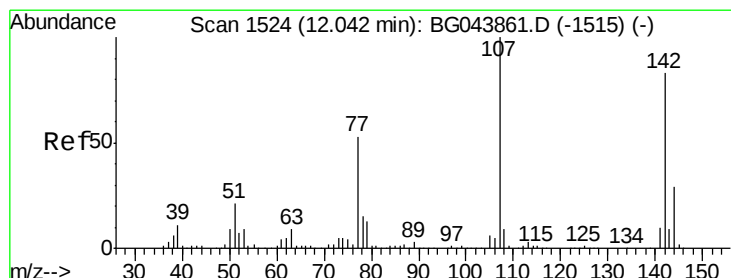
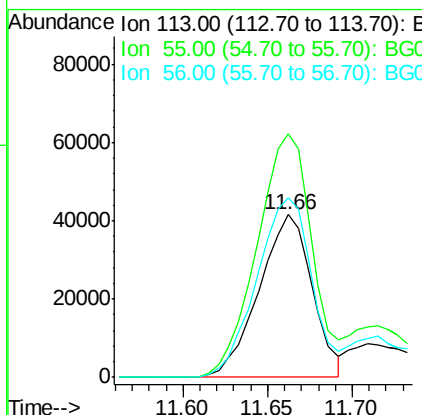




#35
 Caprolactam
 Concen: 40.924 ng
 RT: 11.66 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BG044227.D
 Acq: 27 Jan 2020 22:44

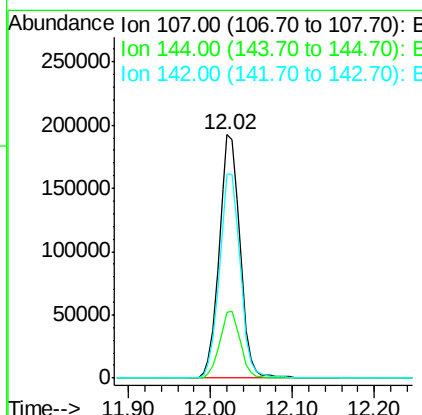
Instrument :
 BNA_G
 ClientSampleId :
 TP-22-21-COMPMSD

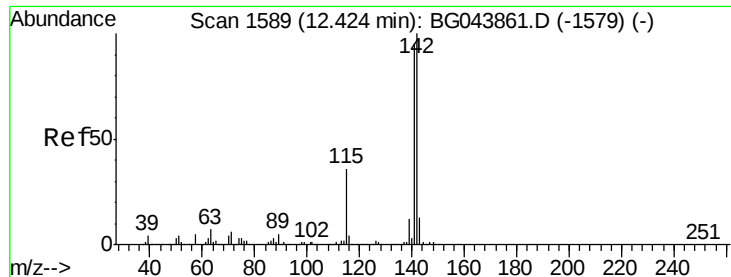
Tot Ion:113 Resp: 90693
 Ion Ratio Lower Upper
 113 100
 55 149.6 142.5 182.5
 56 110.1 101.4 141.4



#36
 4-Chloro-3-methylphenol
 Concen: 53.796 ng
 RT: 12.02 min Scan# 1520
 Delta R.T. -0.02 min
 Lab File: BG044227.D
 Acq: 27 Jan 2020 22:44

Tgt Ion:107 Resp: 340929
 Ion Ratio Lower Upper
 107 100
 144 27.1 23.4 35.2
 142 83.6 66.3 99.5

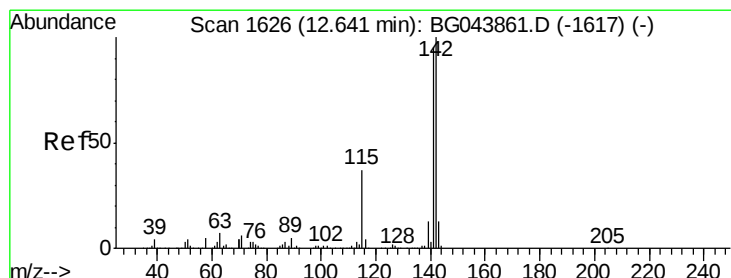
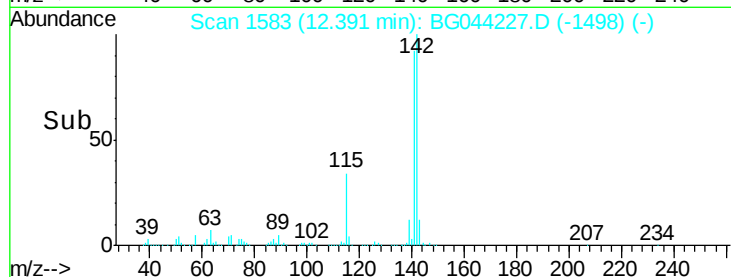
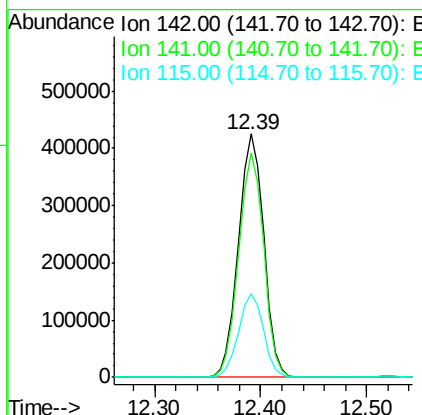
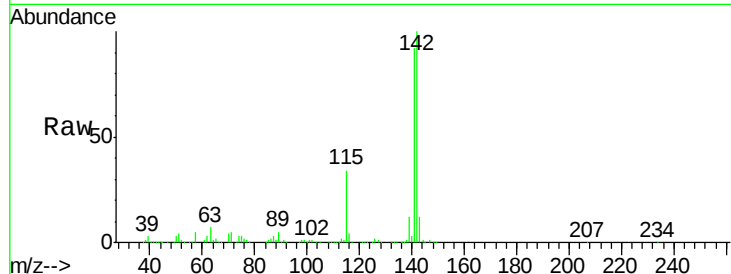




#37
2-Methylnaphthalene
Concen: 51.092 ng
RT: 12.39 min Scan# 1583
Delta R.T. -0.03 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

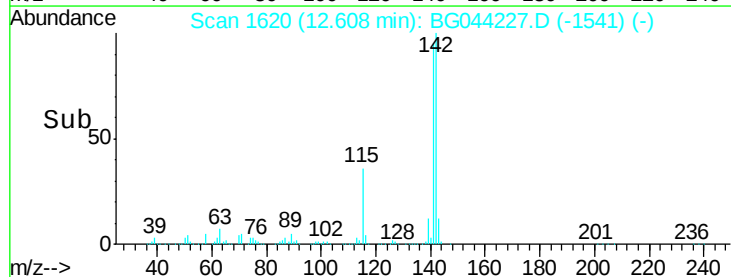
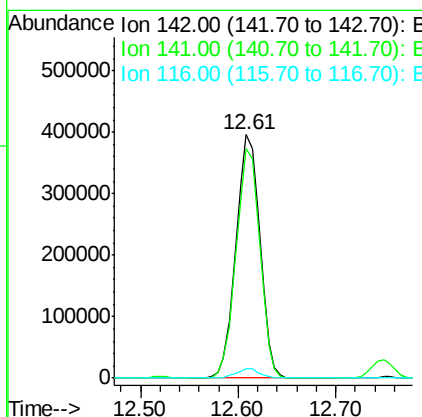
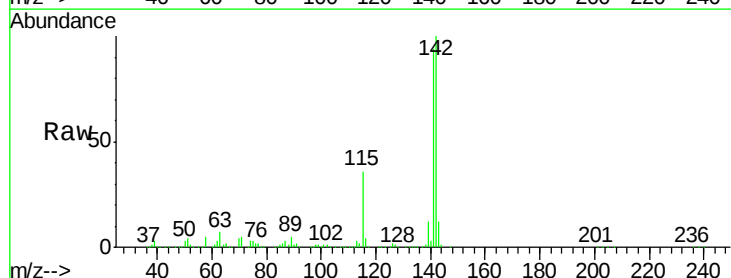
Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMSD

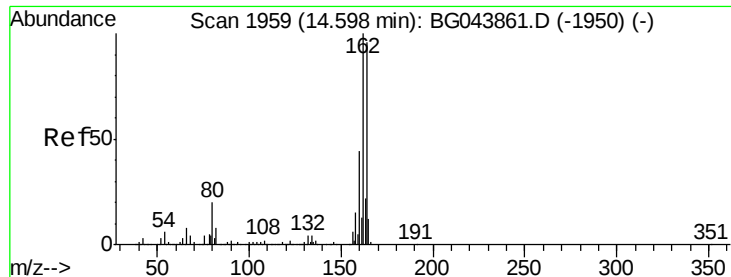
Tot Ion:142 Resp: 704556
Ion Ratio Lower Upper
142 100
141 92.0 75.8 113.8
115 34.3 28.6 42.8



#38
1-Methylnaphthalene
Concen: 51.741 ng
RT: 12.61 min Scan# 1620
Delta R.T. -0.03 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

Tgt Ion:142 Resp: 676238
Ion Ratio Lower Upper
142 100
141 94.5 76.0 114.0
116 3.7 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMSD

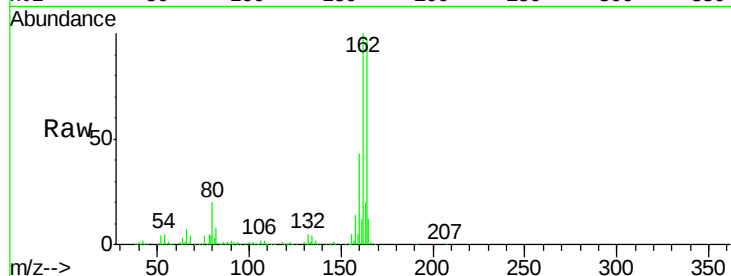
Tot Ion:164 Resp: 255081

Ion Ratio Lower Upper

164 100

162 103.2 83.0 124.4

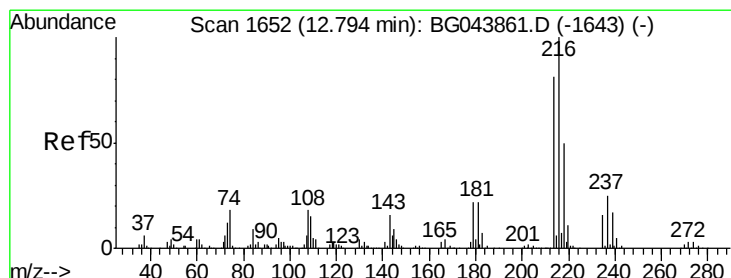
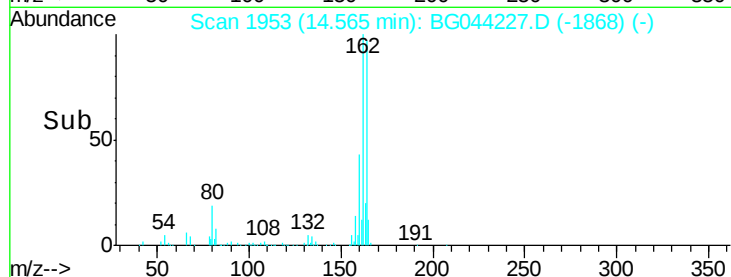
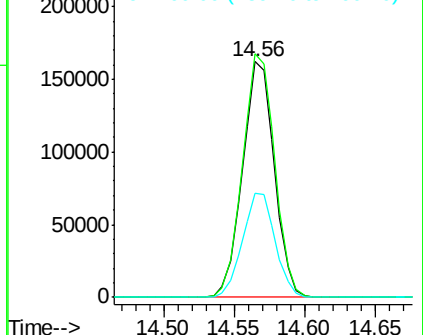
160 43.9 36.1 54.1



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: 46.406 ng

RT: 12.77 min Scan# 1647

Delta R.T. -0.03 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

Tgt Ion:216 Resp: 346952

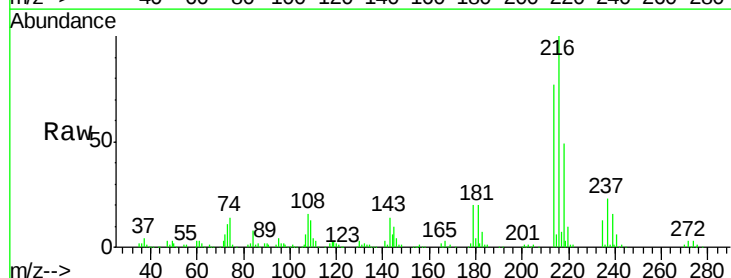
Ion Ratio Lower Upper

216 100

214 79.2 63.8 95.8

179 20.9 17.3 25.9

108 19.4 15.3 22.9

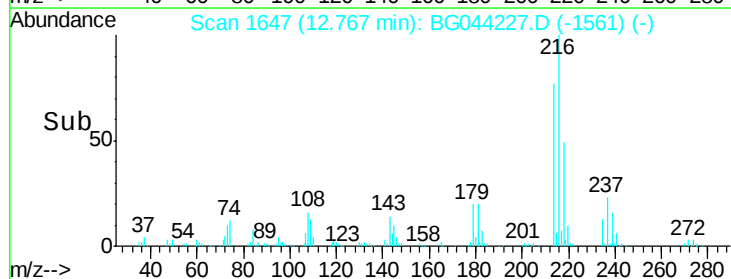
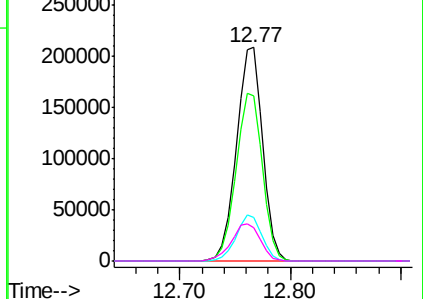


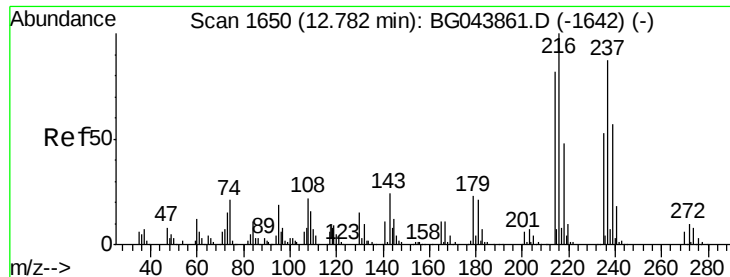
Abundance Ion 216.00 (215.70 to 216.70): E

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: 100.698 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.03 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMSD

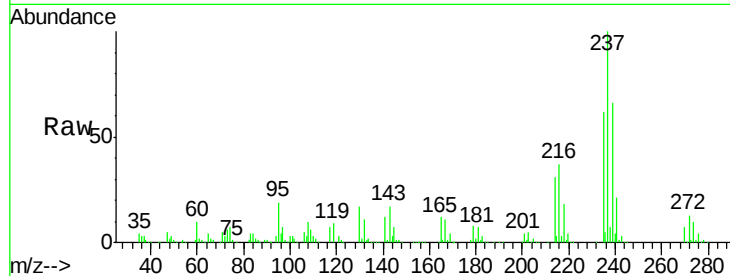
Tot Ion:237 Resp: 390311

Ion Ratio Lower Upper

237 100

235 61.5 41.1 81.1

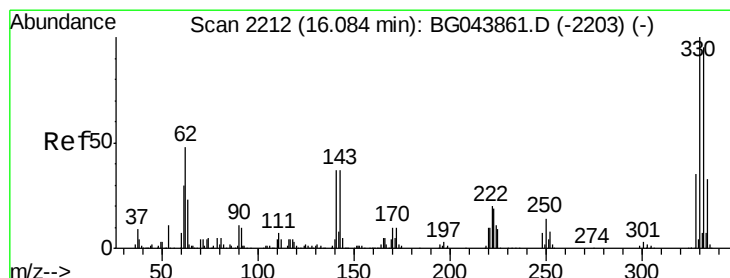
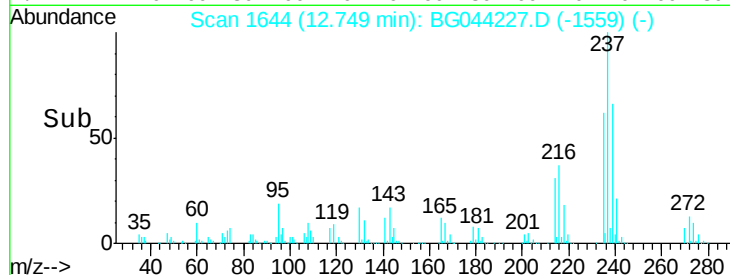
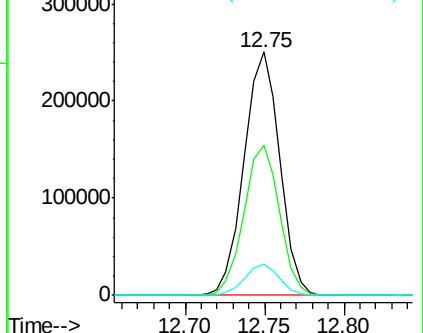
272 12.9 0.0 31.7



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: 145.823 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

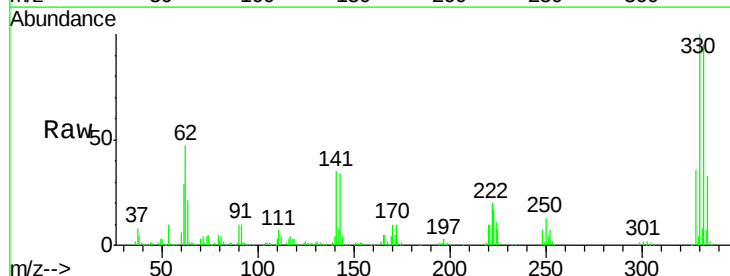
Tgt Ion:330 Resp: 389256

Ion Ratio Lower Upper

330 100

332 96.1 77.2 115.8

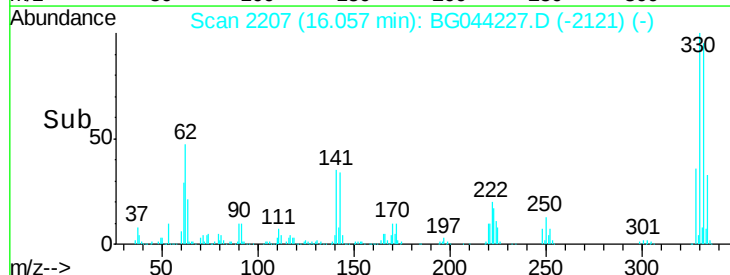
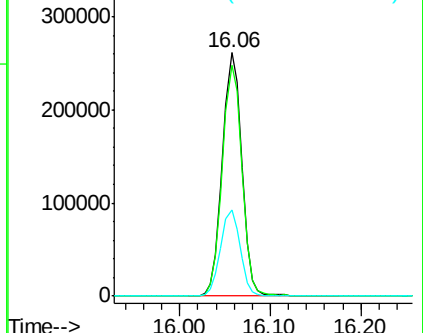
141 35.9 33.1 49.7

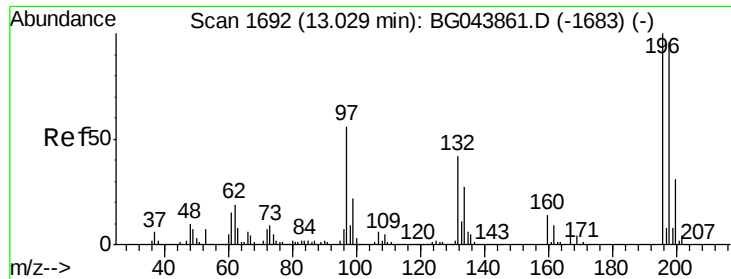


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

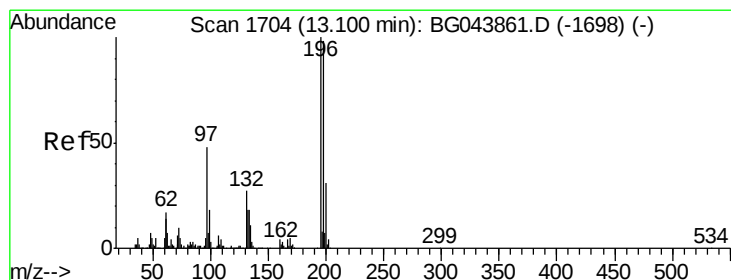
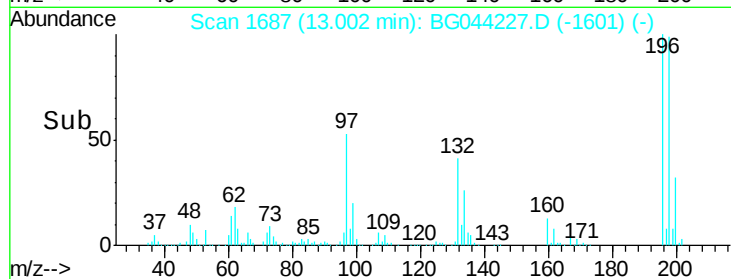
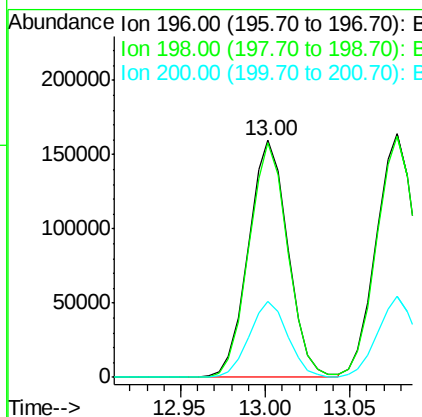
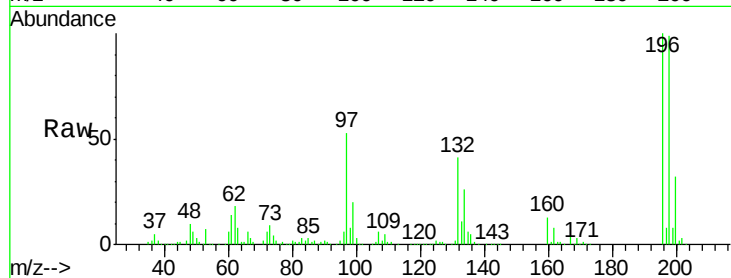




#43
 2,4,6-Trichlorophenol
 Concen: 50.423 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. -0.03 min
 Lab File: BG044227.D
 Acq: 27 Jan 2020 22:44

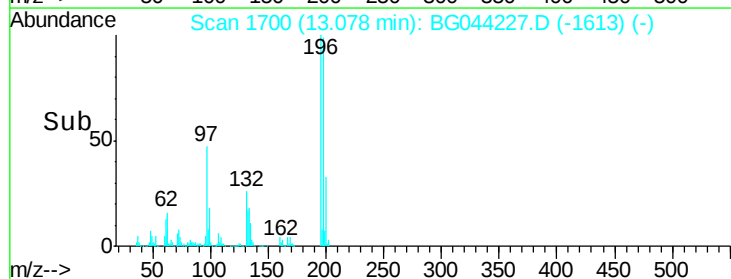
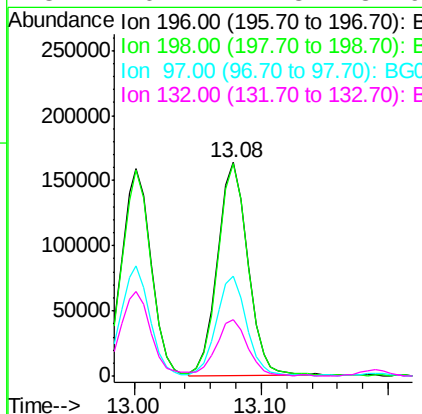
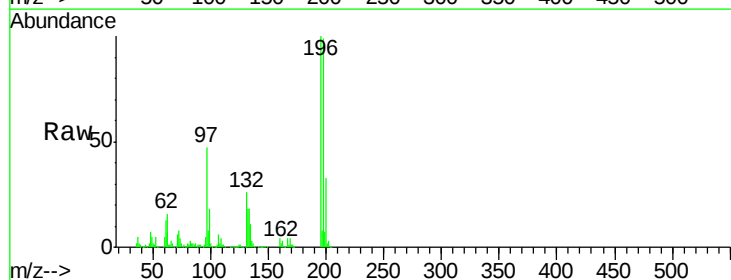
Instrument :
 BNA_G
 ClientSampleId :
 TP-22-21-COMPMSD

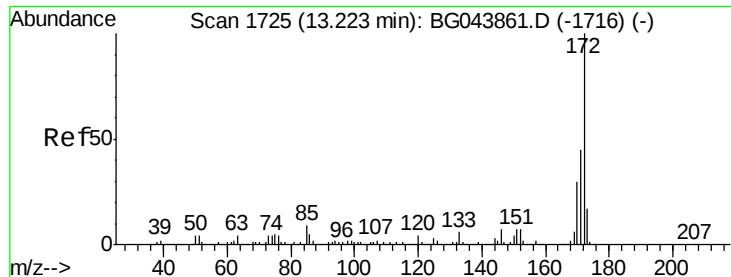
Tot Ion:196 Resp: 259393
 Ion Ratio Lower Upper
 196 100
 198 99.1 76.6 115.0
 200 32.2 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 51.294 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG044227.D
 Acq: 27 Jan 2020 22:44

Tgt Ion:196 Resp: 272155
 Ion Ratio Lower Upper
 196 100
 198 99.2 78.3 117.5
 97 46.7 38.8 58.2
 132 26.4 21.3 31.9

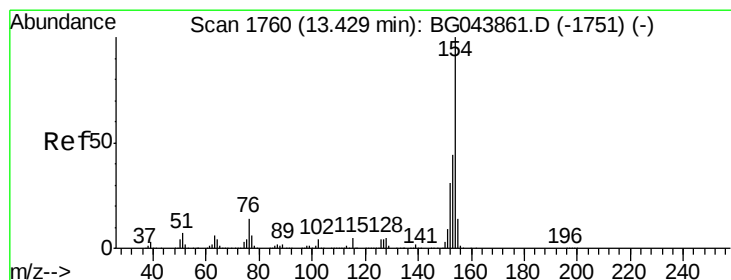
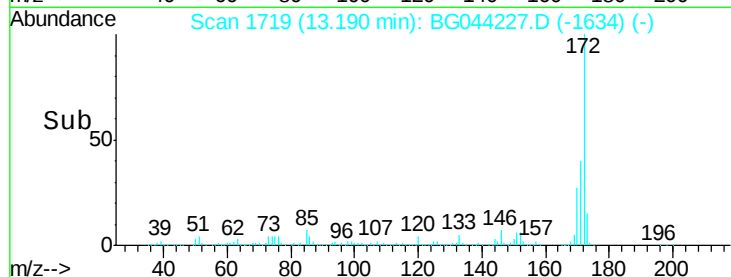
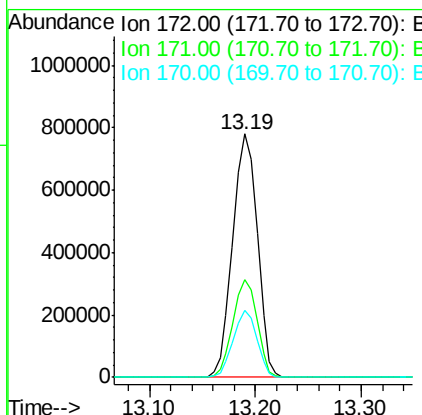
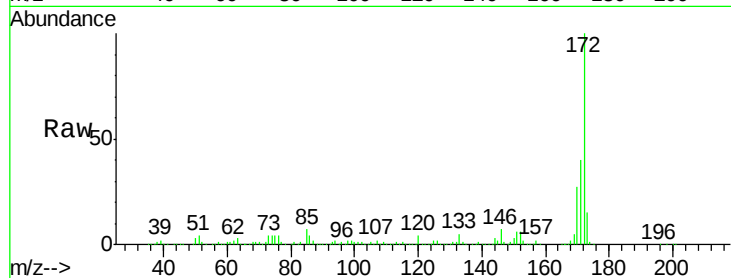




#45
2-Fluorobiphenyl
Concen: 89.323 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.03 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

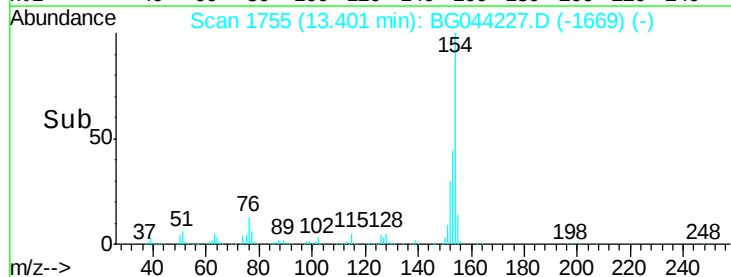
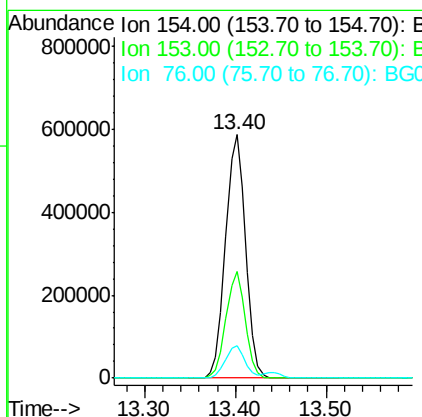
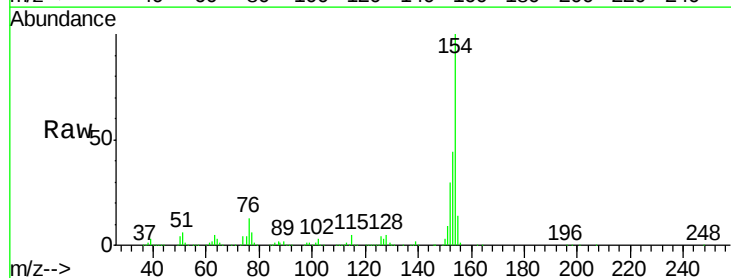
Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMSD

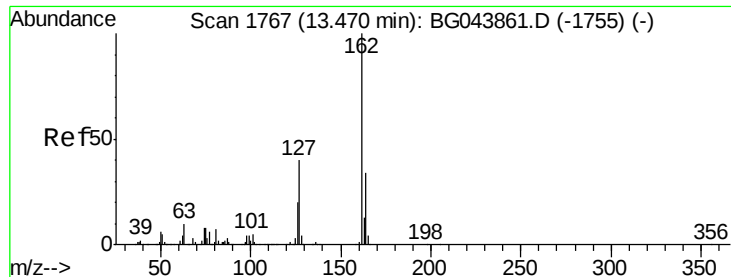
Tot Ion:172 Resp: 1257595
Ion Ratio Lower Upper
172 100
171 40.4 35.8 53.8
170 27.4 24.2 36.4



#46
1,1'-Biphenyl
Concen: 48.894 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.03 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

Tgt Ion:154 Resp: 894210
Ion Ratio Lower Upper
154 100
153 44.0 23.6 63.6
76 13.1 0.0 34.4

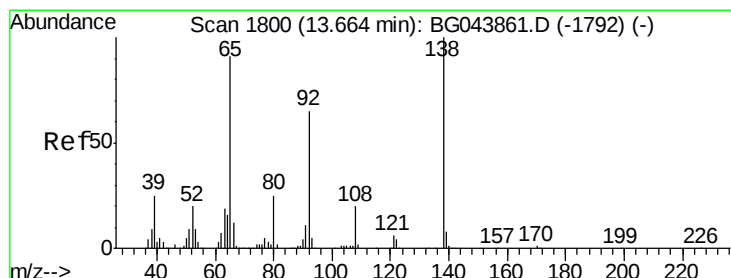
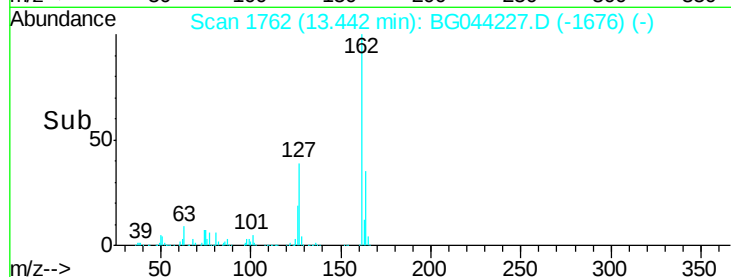
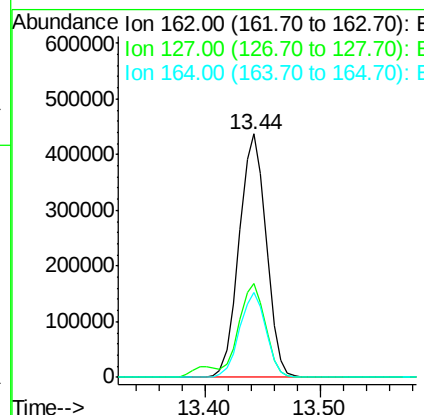
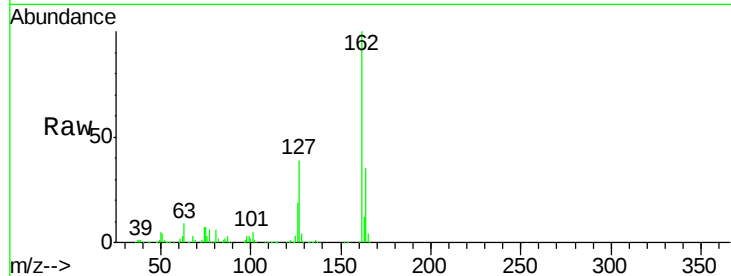




#47
 2-Chloronaphthalene
 Concen: 47.818 ng
 RT: 13.44 min Scan# 1762
 Delta R.T. -0.03 min
 Lab File: BG044227.D
 Acq: 27 Jan 2020 22:44

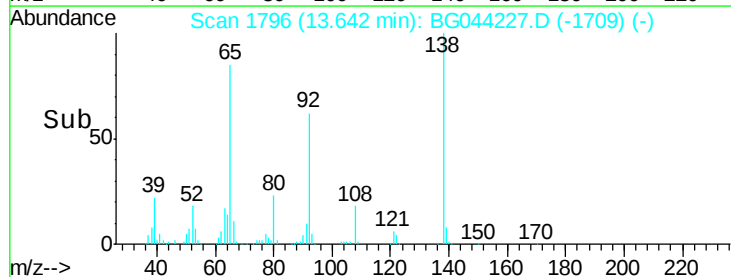
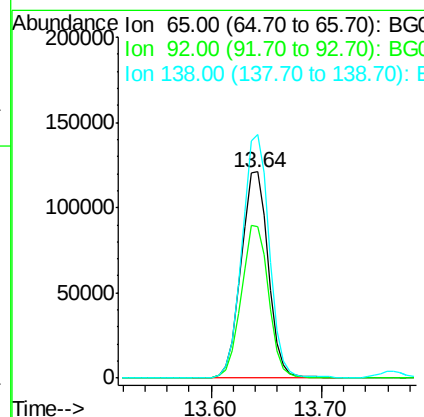
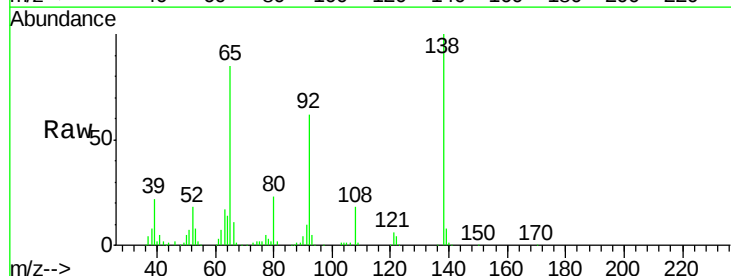
Instrument :
 BNA_G
 ClientSampleId :
 TP-22-21-COMPMSD

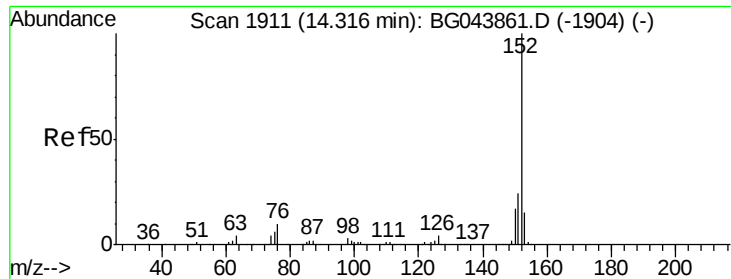
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	32.1	48.1
164	34.8	27.5	41.3



#48
 2-Nitroaniline
 Concen: 44.467 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.02 min
 Lab File: BG044227.D
 Acq: 27 Jan 2020 22:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.2	57.4	86.2
138	118.0	88.2	132.4





#49

Acenaphthylene

Concen: 52.096 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.03 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMSD

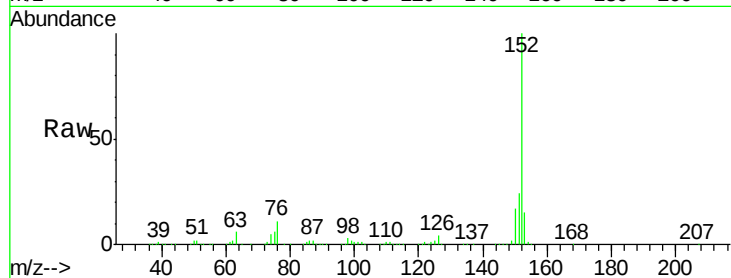
Tot Ion:152 Resp: 1106586

Ion Ratio Lower Upper

152 100

151 23.6 19.4 29.2

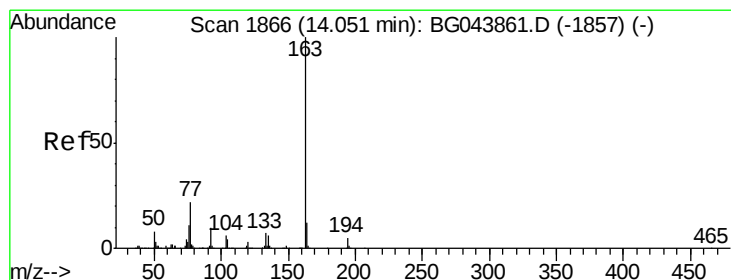
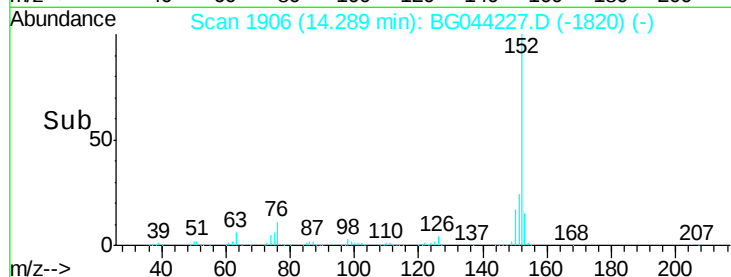
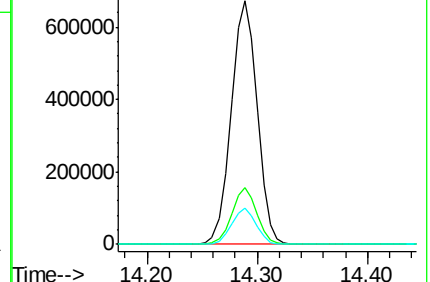
153 14.9 12.0 18.0



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: 57.491 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.03 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

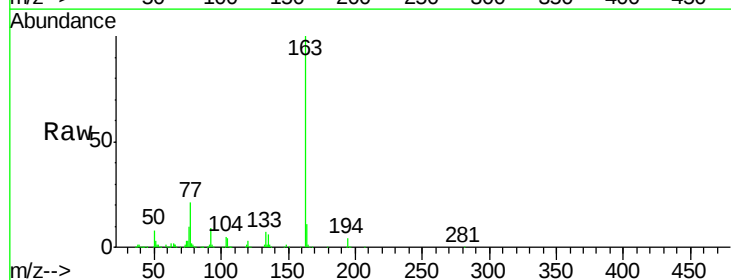
Tgt Ion:163 Resp: 1041257

Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

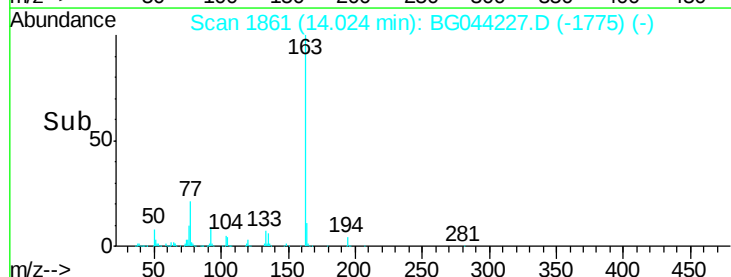
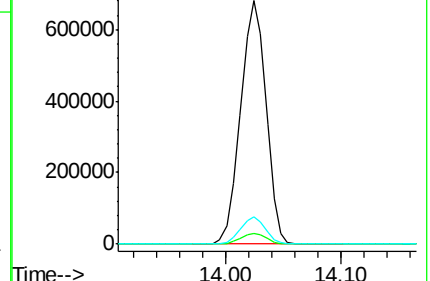
164 11.1 9.3 13.9

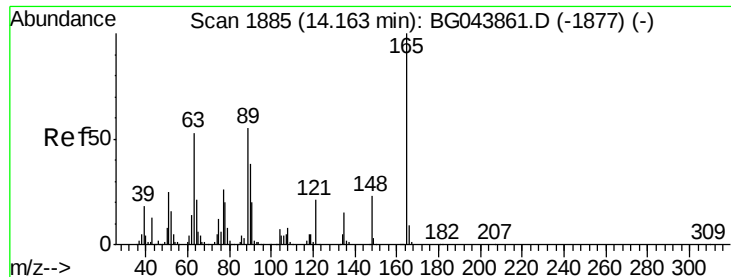


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

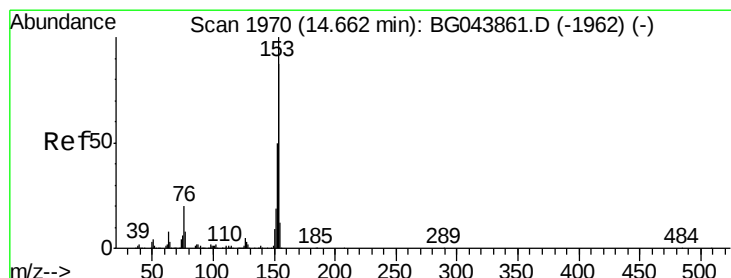
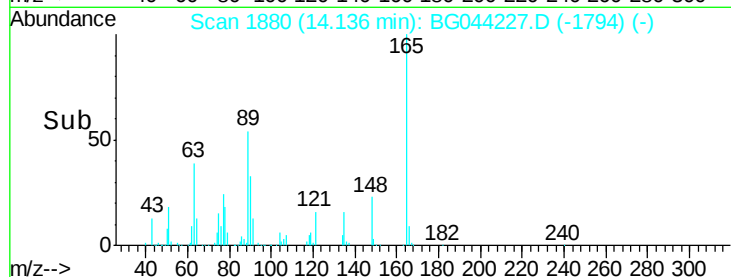
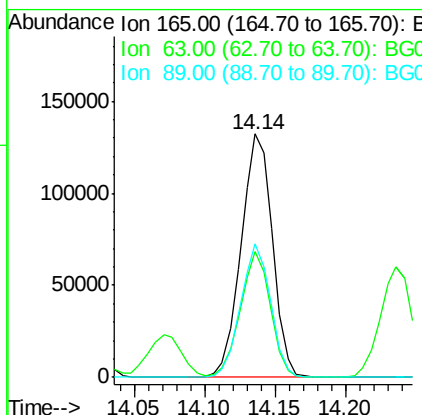
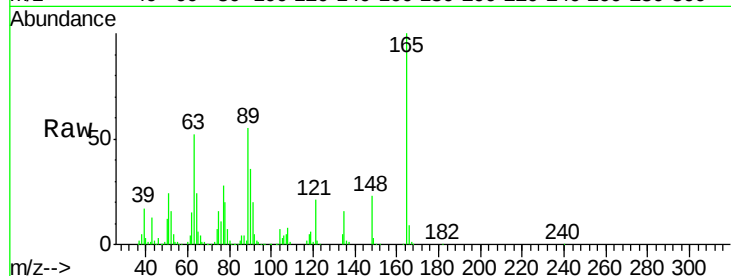




#51
2,6-Dinitrotoluene
Concen: 50.100 ng
RT: 14.14 min Scan# 1880
Delta R.T. -0.03 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

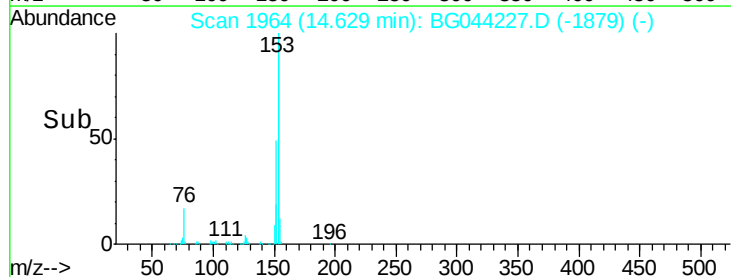
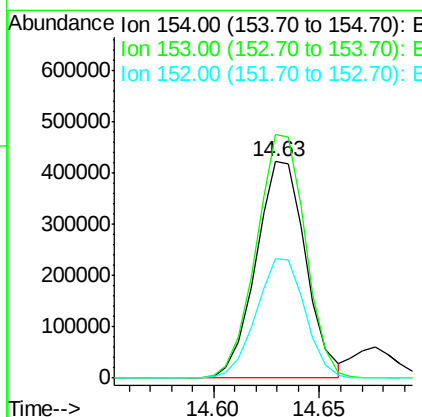
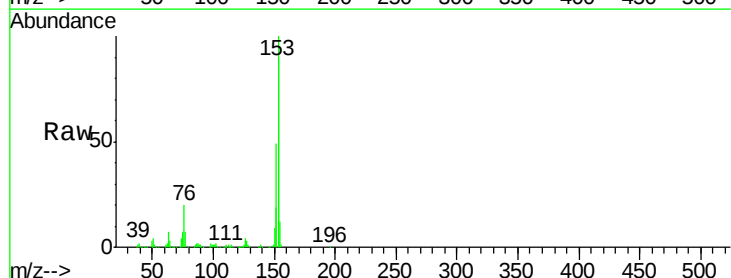
Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMSD

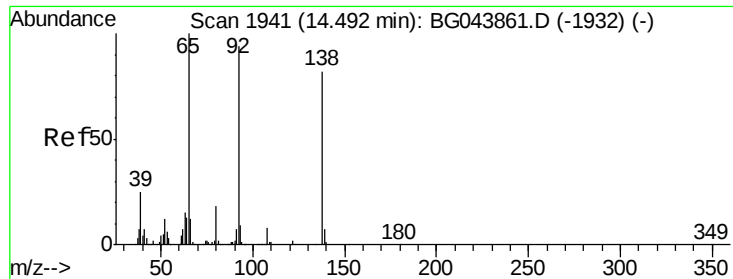
Tot Ion:165 Resp: 205092
Ion Ratio Lower Upper
165 100
63 51.8 43.1 64.7
89 54.6 43.8 65.6



#52
Acenaphthene
Concen: 46.317 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.03 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

Tgt Ion:154 Resp: 689951
Ion Ratio Lower Upper
154 100
153 112.6 91.6 137.4
152 55.1 45.4 68.0

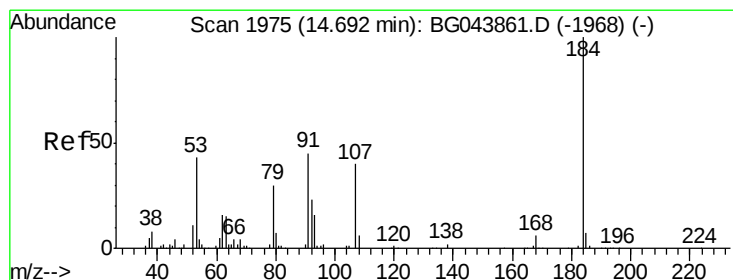
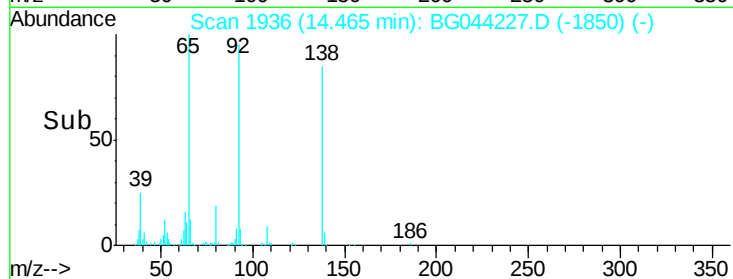
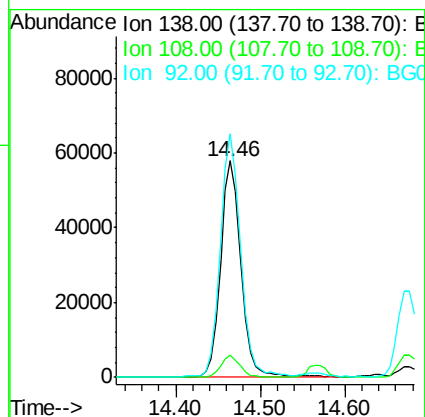
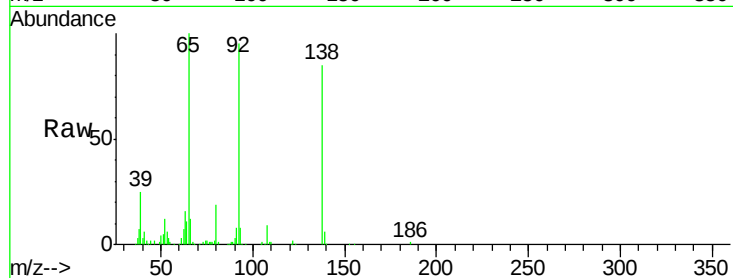




#53
3-Nitroaniline
Concen: 20.998 ng
RT: 14.46 min Scan# 1936
Delta R.T. -0.03 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

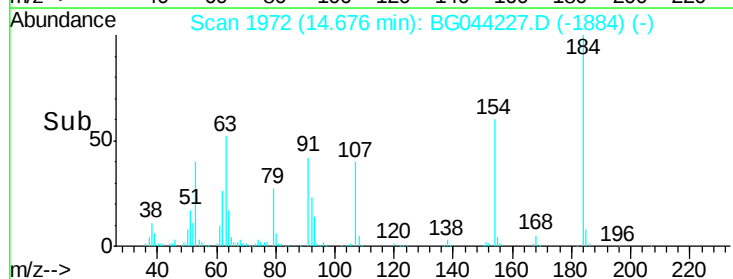
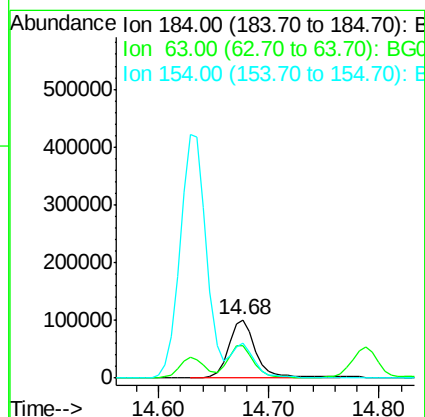
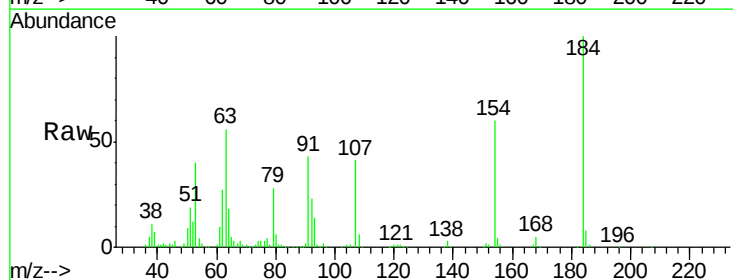
Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMSD

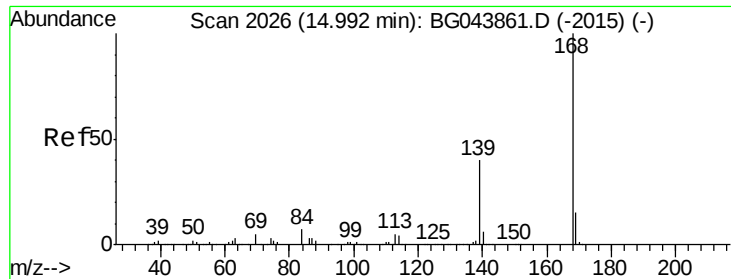
Tot Ion:138 Resp: 97613
Ion Ratio Lower Upper
138 100
108 10.2 7.4 11.2
92 112.4 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 83.225 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

Tgt Ion:184 Resp: 174063
Ion Ratio Lower Upper
184 100
63 55.7 46.6 70.0
154 59.6 50.2 75.4

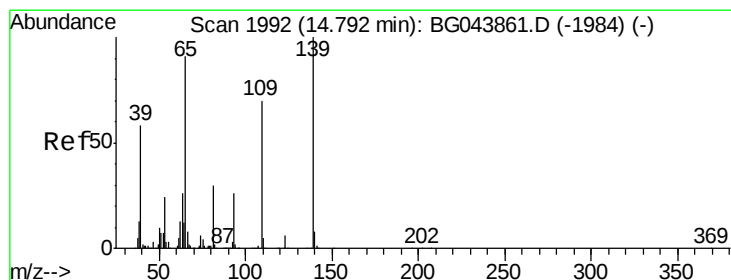
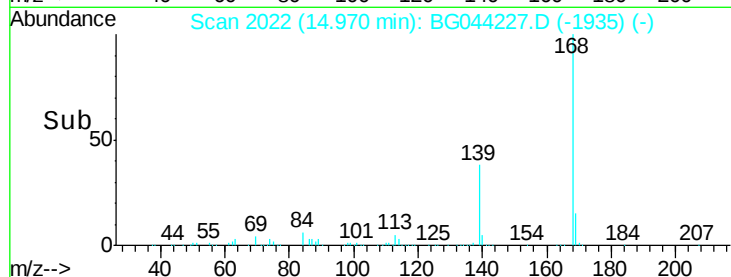
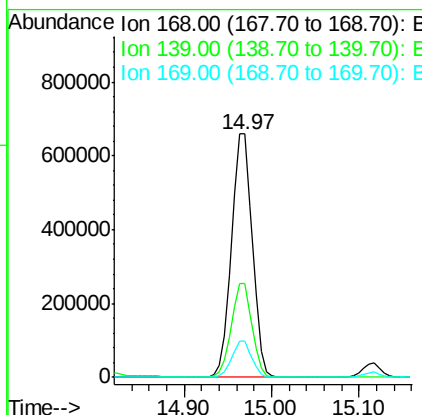
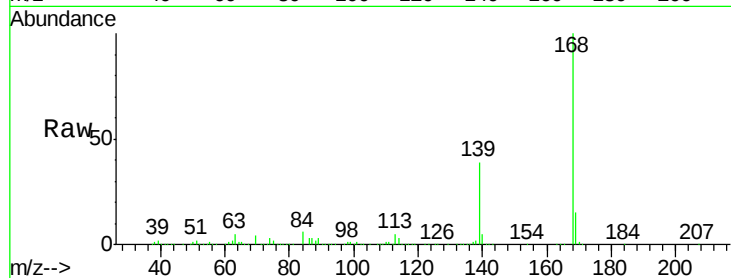




#55
Dibenzofuran
Concen: 52.009 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

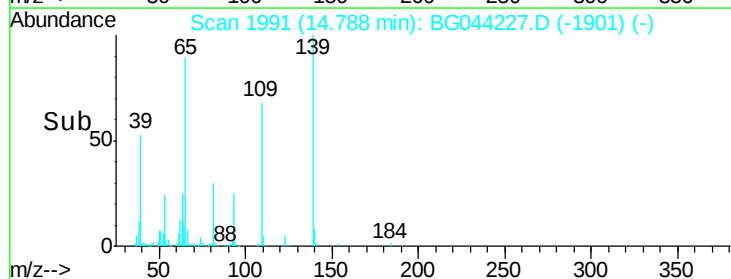
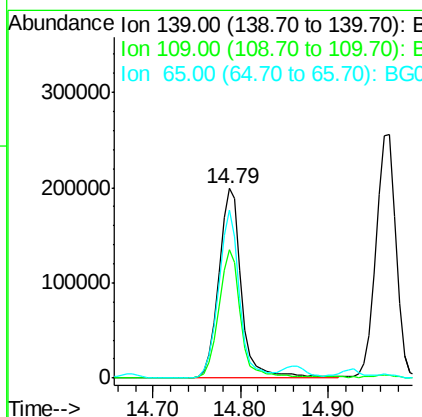
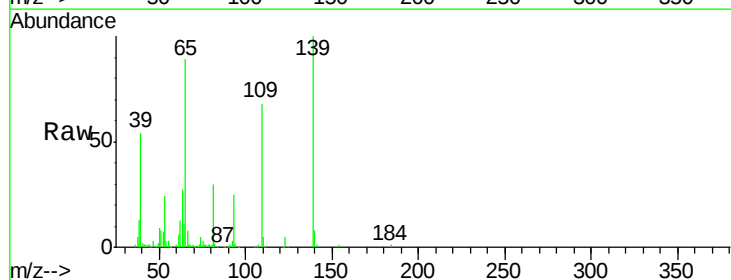
Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMSD

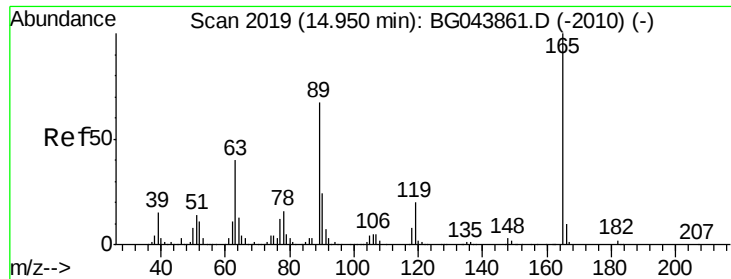
Tot Ion:168 Resp: 1066517
Ion Ratio Lower Upper
168 100
139 38.8 32.2 48.2
169 14.7 12.2 18.2



#56
4-Nitrophenol
Concen: 100.846 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

Tgt Ion:139 Resp: 359249
Ion Ratio Lower Upper
139 100
109 67.7 50.4 90.4
65 89.0 71.4 111.4

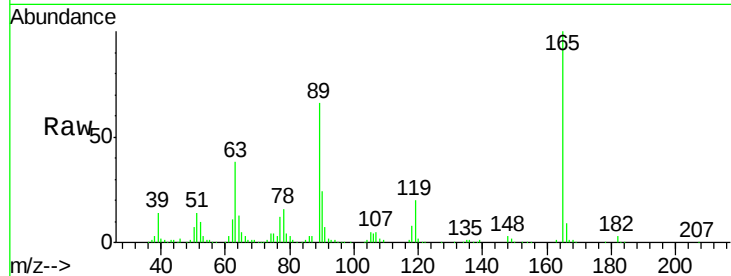




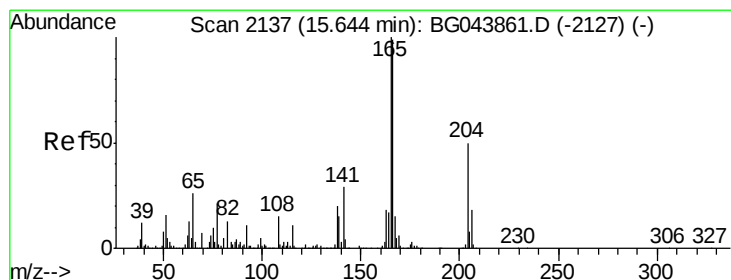
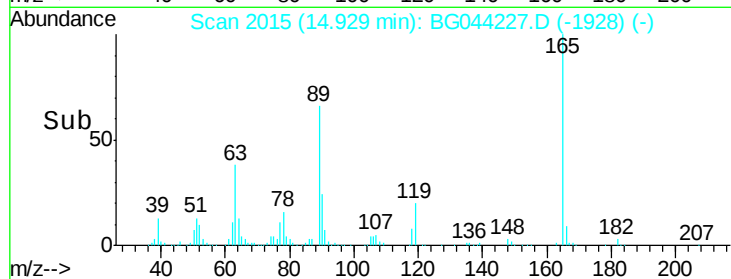
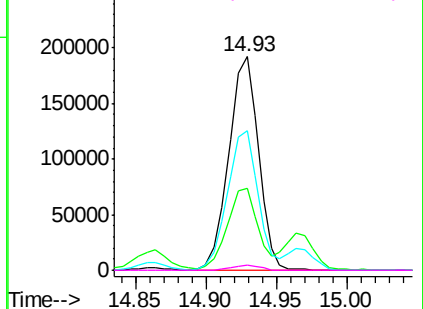
#57
 2,4-Dinitrotoluene
 Concen: 50.504 ng
 RT: 14.93 min Scan# 2015
 Delta R.T. -0.02 min
 Lab File: BG044227.D
 Acq: 27 Jan 2020 22:44

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

Tot Ion:	165	Resp:	281320
Ion	Ratio	Lower	Upper
165	100		
63	38.1	31.9	47.9
89	65.5	53.8	80.6
182	2.5	2.0	3.0

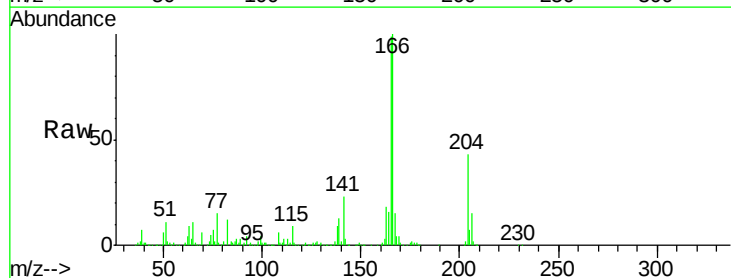


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

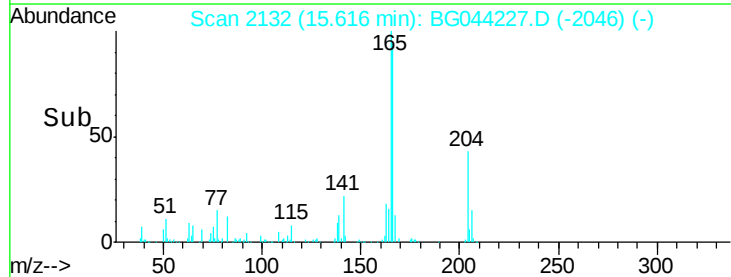
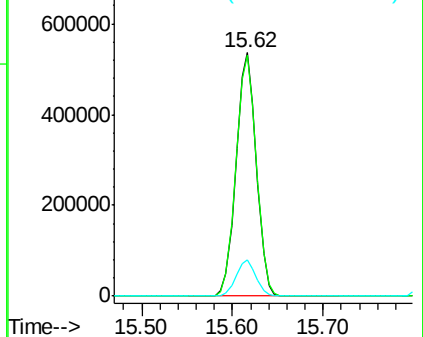


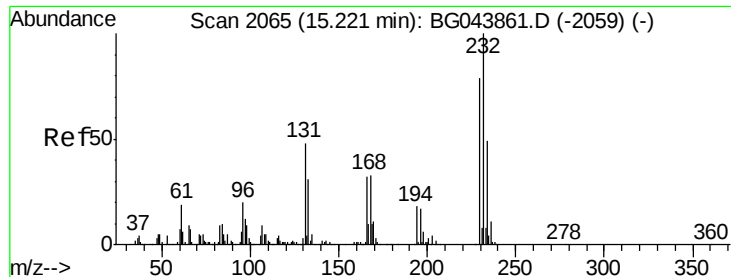
#58
 Fluorene
 Concen: 51.340 ng
 RT: 15.62 min Scan# 2132
 Delta R.T. -0.03 min
 Lab File: BG044227.D
 Acq: 27 Jan 2020 22:44

Tgt Ion:	166	Resp:	834448
Ion	Ratio	Lower	Upper
166	100		
165	99.0	80.8	121.2
167	14.9	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

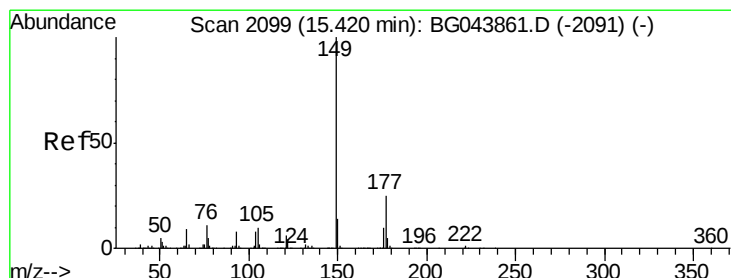
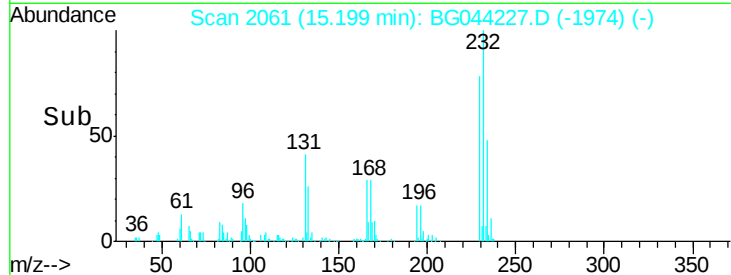
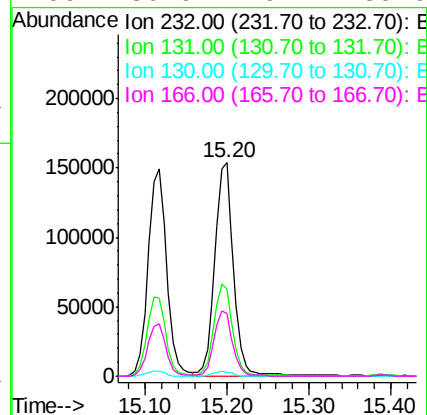
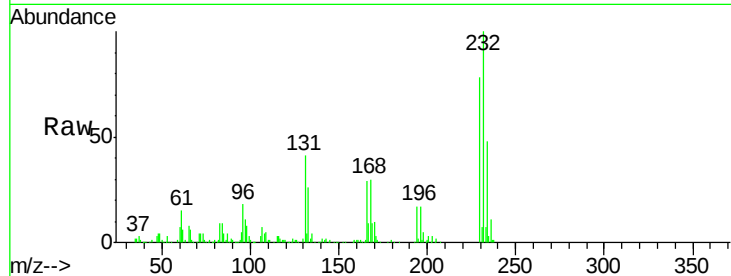




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.567 ng
 RT: 15.20 min Scan# 2061
 Delta R.T. -0.02 min
 Lab File: BG044227.D
 Acq: 27 Jan 2020 22:44

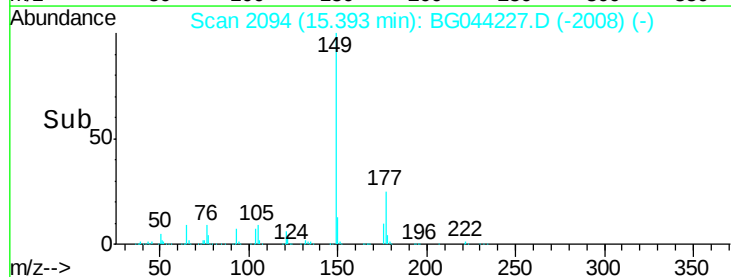
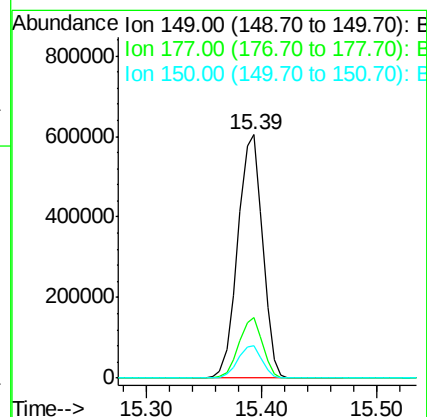
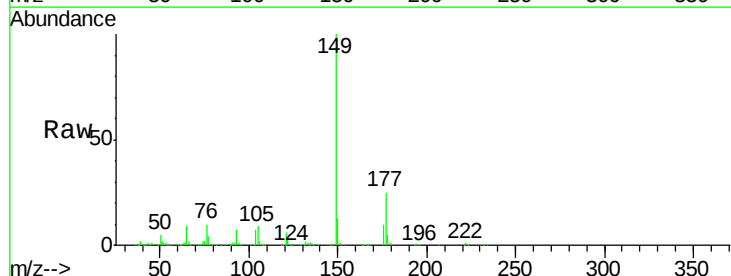
Instrument :
 BNA_G
 ClientSampleId :
 TP-22-21-COMPMSD

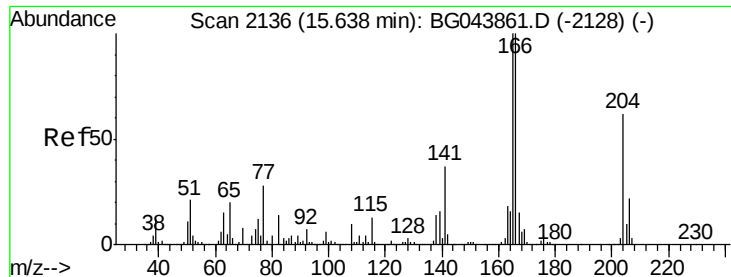
Tot Ion:232	Resp:	244395
Ion Ratio	Lower	Upper
232 100		
131 43.2	38.2	57.2
130 2.3	2.2	3.2
166 30.9	26.4	39.6



#60
 Diethylphthalate
 Concen: 49.510 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.03 min
 Lab File: BG044227.D
 Acq: 27 Jan 2020 22:44

Tgt Ion:149	Resp: 896883
Ion Ratio	Lower Upper
149 100	
177 24.7	20.0 30.0
150 13.1	11.1 16.7





#61

4-Chlorophenyl-phenylether

Concen: 49.989 ng

RT: 15.61 min Scan# 2131

Delta R.T. -0.03 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMSD

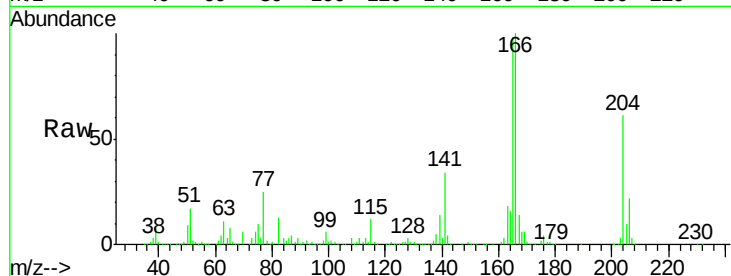
Tot Ion:204 Resp: 441178

Ion Ratio Lower Upper

204 100

206 36.2 28.2 42.2

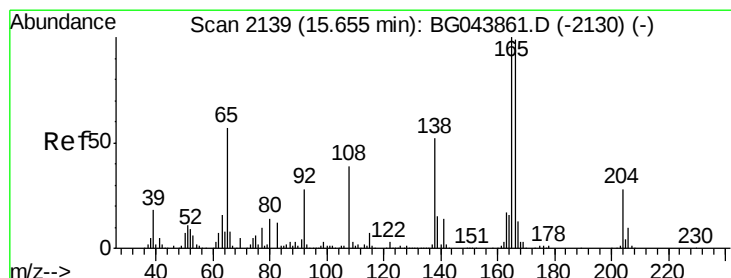
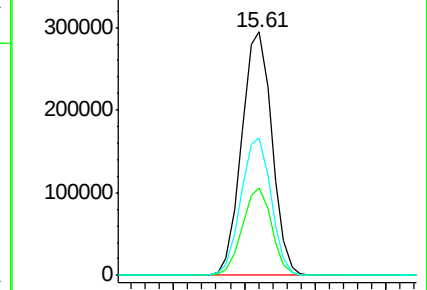
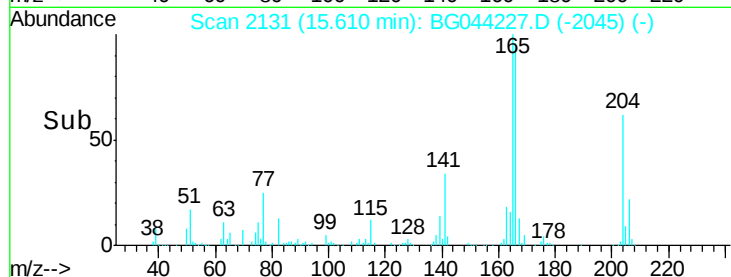
141 56.2 48.2 72.2



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 44.041 ng

RT: 15.63 min Scan# 2135

Delta R.T. -0.02 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

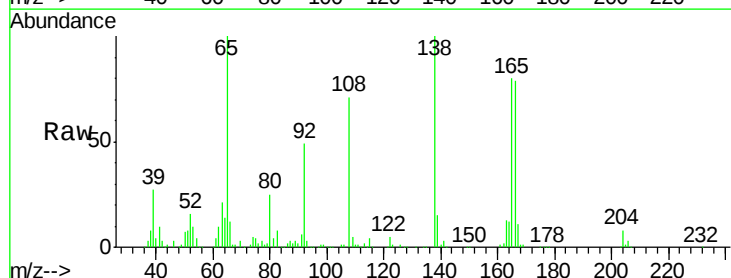
Tgt Ion:138 Resp: 202179

Ion Ratio Lower Upper

138 100

92 49.2 34.3 74.3

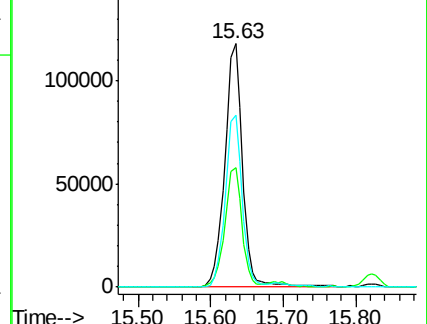
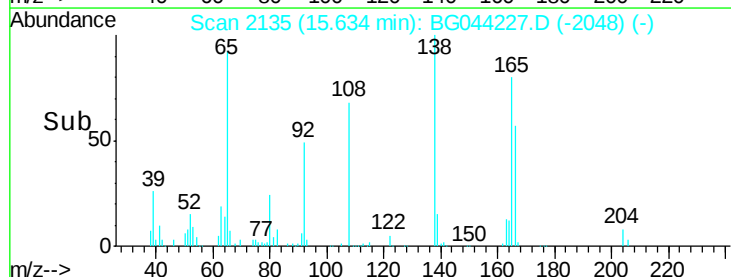
108 70.8 55.0 95.0

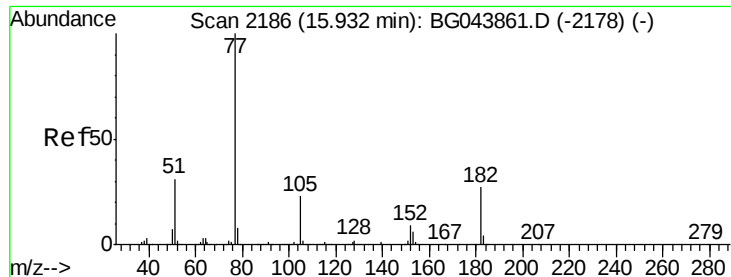


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 49.064 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.03 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMSD

Tot Ion: 77 Resp: 824273

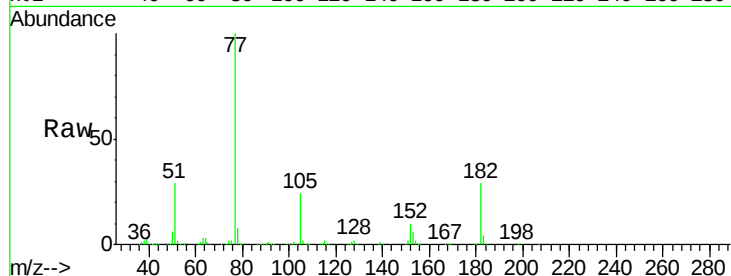
Ion Ratio Lower Upper

77 100

182 29.0 7.3 47.3

105 24.2 3.2 43.2

51 29.0 10.6 50.6

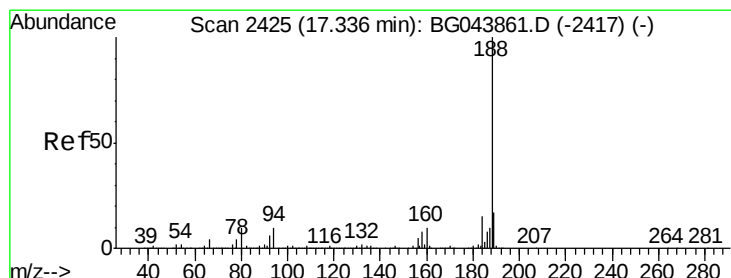
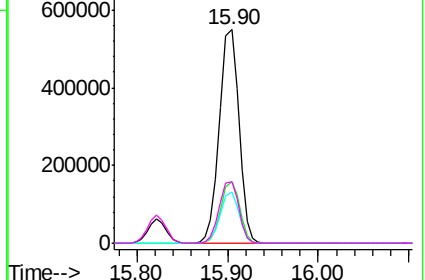
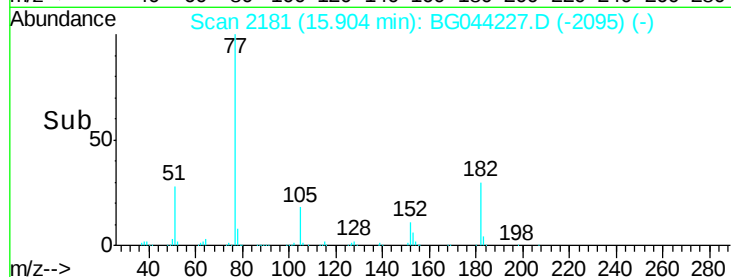


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

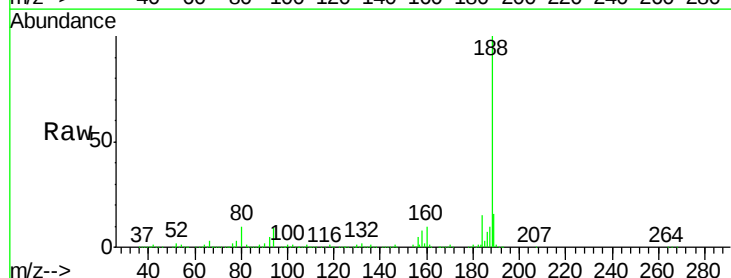
Tgt Ion: 188 Resp: 524304

Ion Ratio Lower Upper

188 100

94 9.0 7.9 11.9

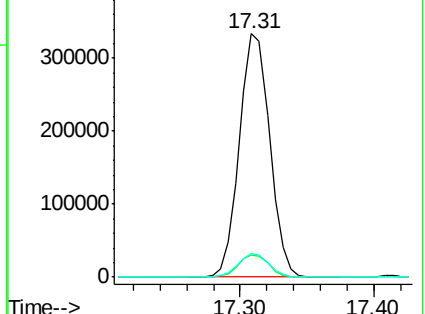
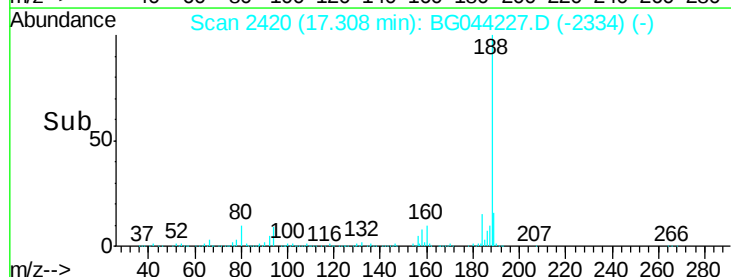
80 9.9 8.2 12.4

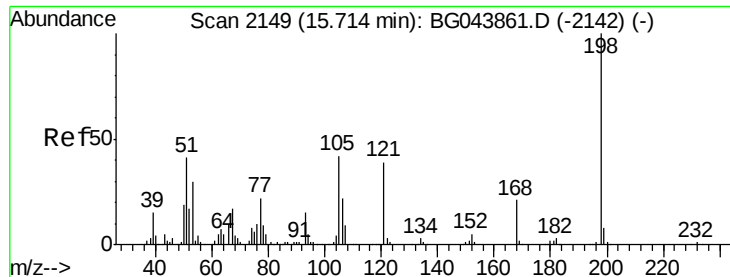


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

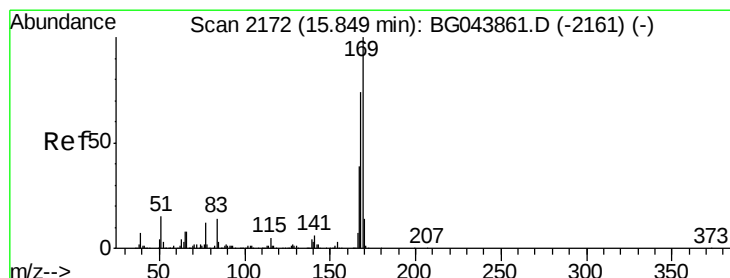
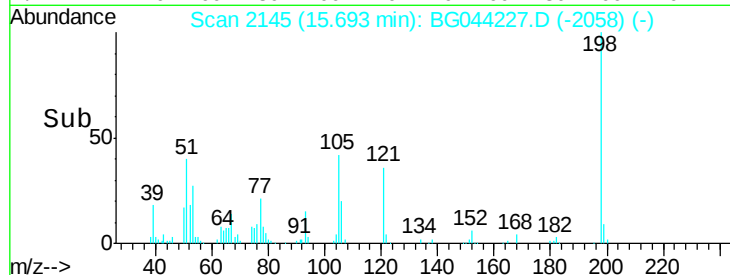
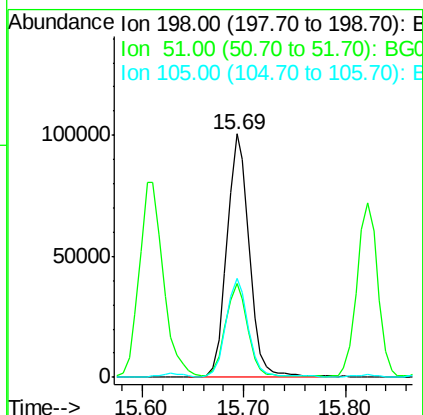
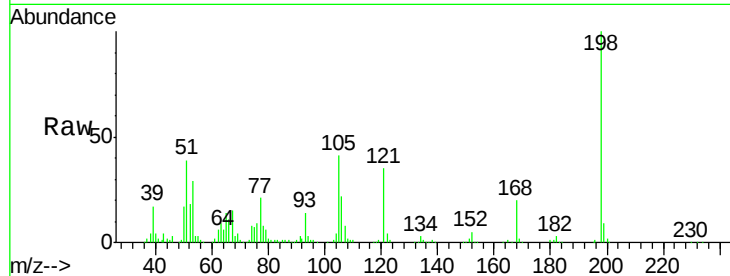




#65
 4,6-Dinitro-2-methylphenol
 Concen: 56.257 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.02 min
 Lab File: BG044227.D
 Acq: 27 Jan 2020 22:44

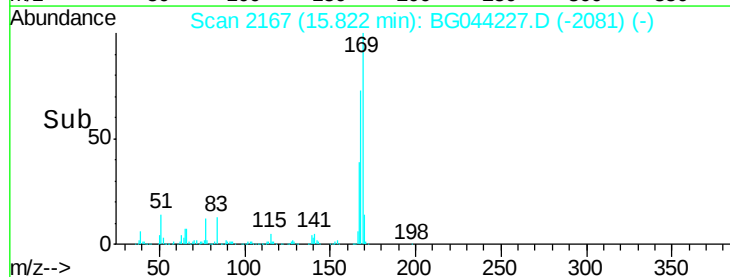
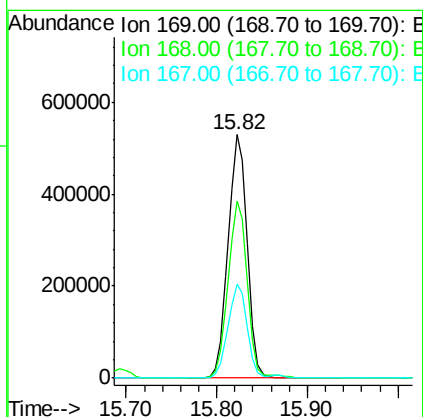
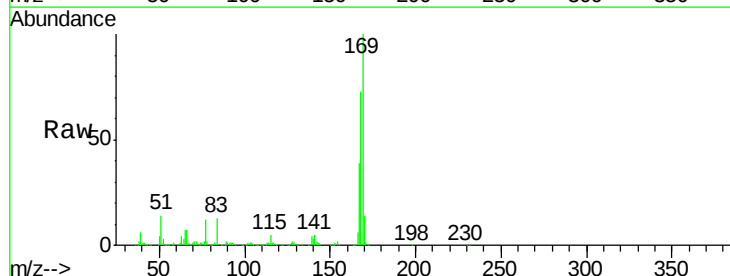
Instrument :
 BNA_G
 ClientSampleId :
 TP-22-21-COMPMSD

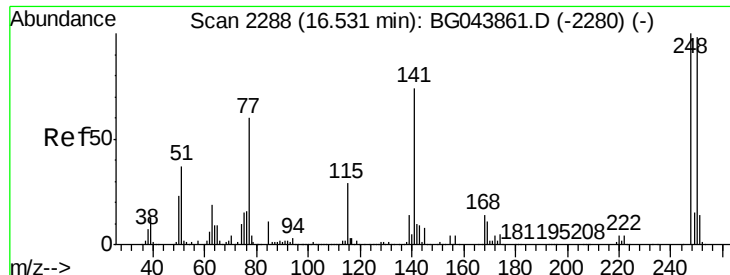
Tot Ion:198 Resp: 154214
 Ion Ratio Lower Upper
 198 100
 51 38.7 22.5 62.5
 105 40.7 22.3 62.3



#66
 n-Nitrosodiphenylamine
 Concen: 50.075 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BG044227.D
 Acq: 27 Jan 2020 22:44

Tgt Ion:169 Resp: 773157
 Ion Ratio Lower Upper
 169 100
 168 72.7 59.0 88.6
 167 38.5 31.4 47.0

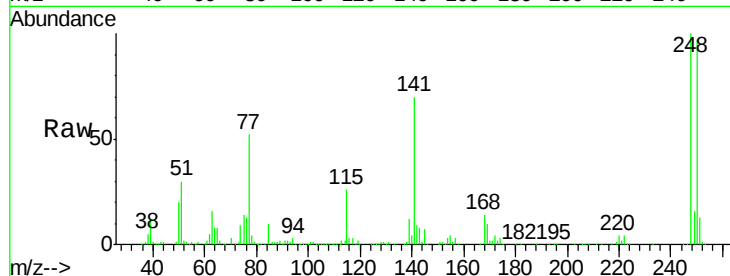




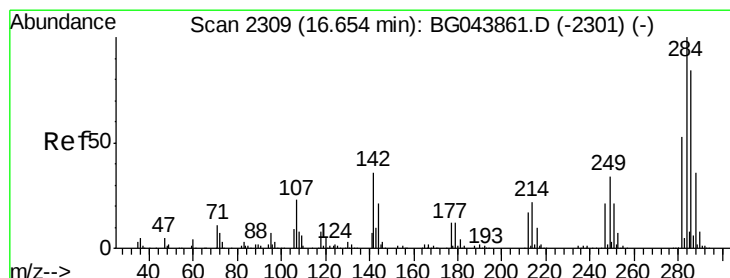
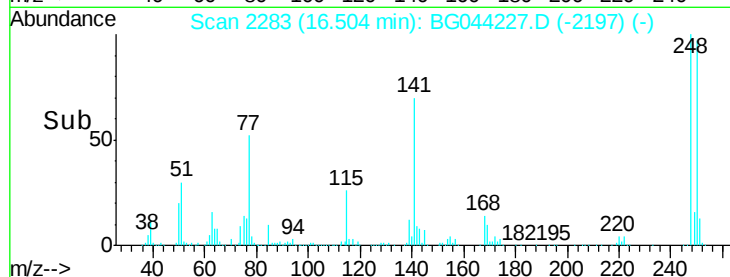
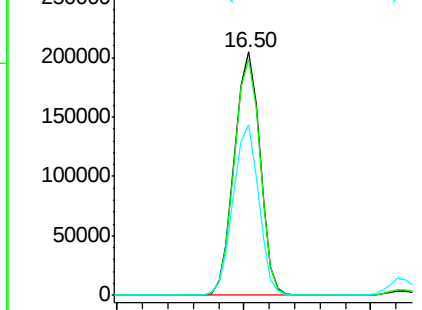
#67
4-Bromophenyl-phenylether
Concen: 48.676 ng
RT: 16.50 min Scan# 2283
Delta R.T. -0.03 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

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

Tot Ion:248 Resp: 287033
Ion Ratio Lower Upper
248 100
250 97.0 78.2 117.2
141 69.9 59.3 88.9

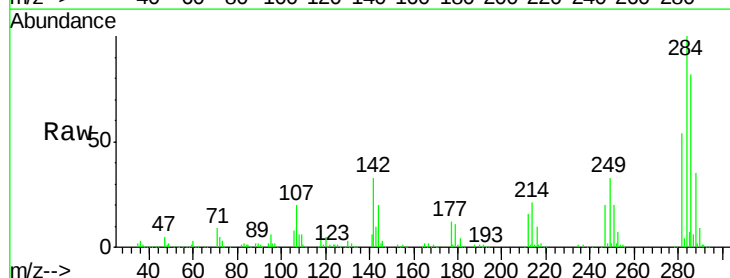


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

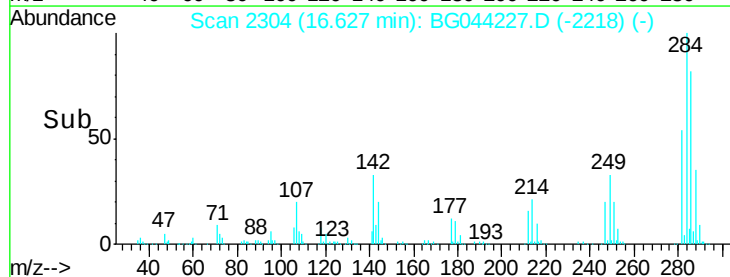
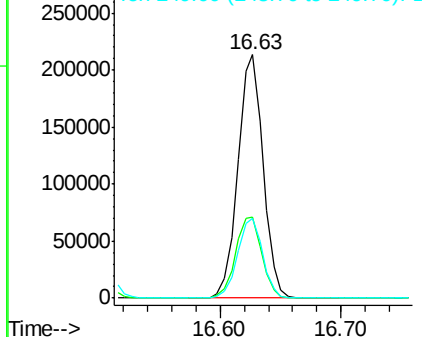


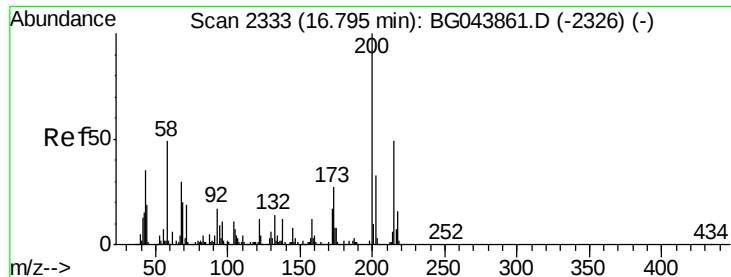
#68
Hexachlorobenzene
Concen: 48.669 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.03 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

Tgt Ion:284 Resp: 309243
Ion Ratio Lower Upper
284 100
142 33.2 28.6 43.0
249 32.9 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: 57.199 ng

RT: 16.77 min Scan# 2329

Delta R.T. -0.02 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMSD

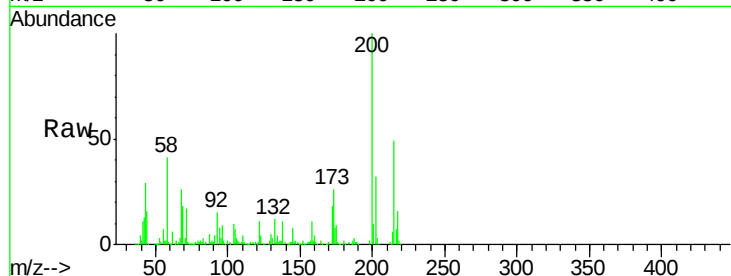
Tot Ion:200 Resp: 287074

Ion Ratio Lower Upper

200 100

173 26.3 6.6 46.6

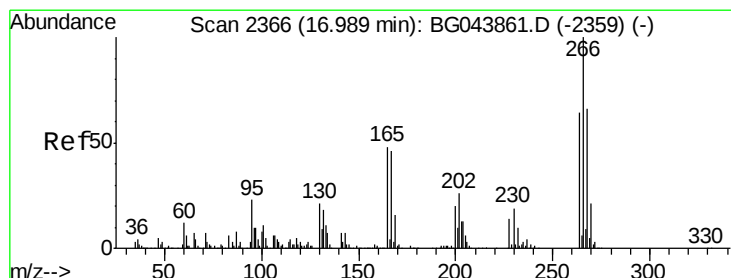
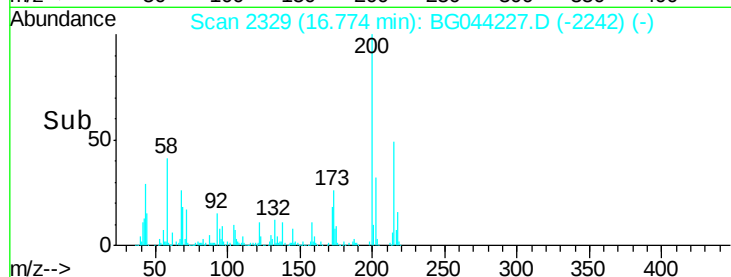
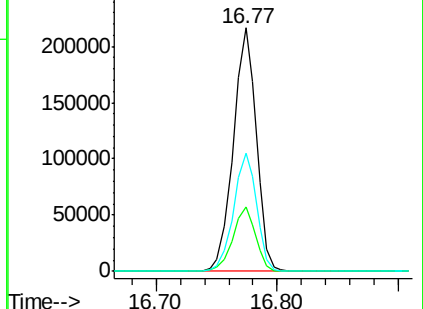
215 48.7 28.6 68.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 93.814 ng

RT: 16.97 min Scan# 2362

Delta R.T. -0.02 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

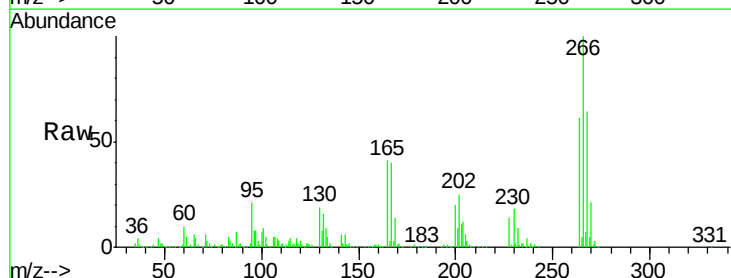
Tgt Ion:266 Resp: 328598

Ion Ratio Lower Upper

266 100

268 64.0 52.6 79.0

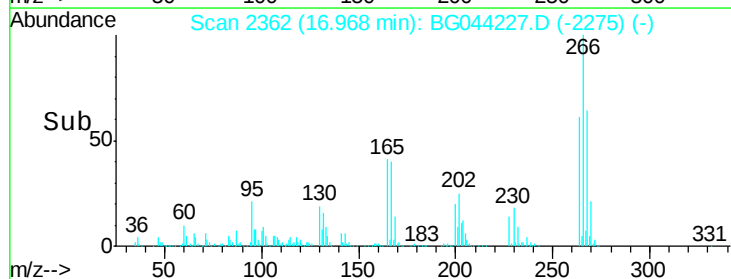
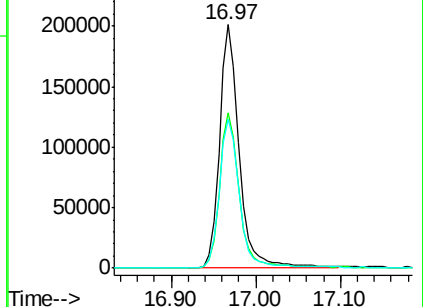
264 61.3 50.8 76.2

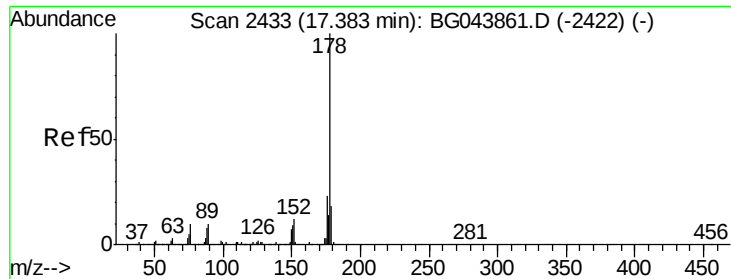


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

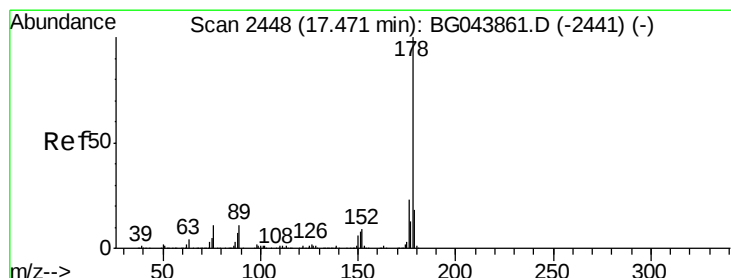
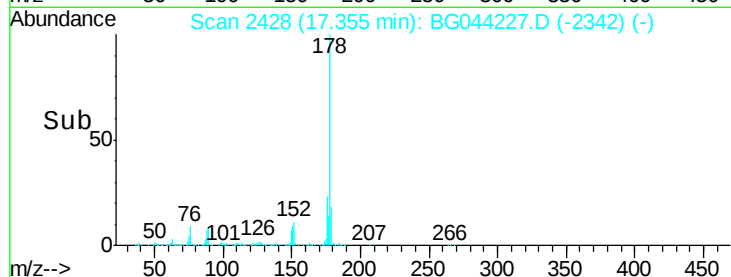
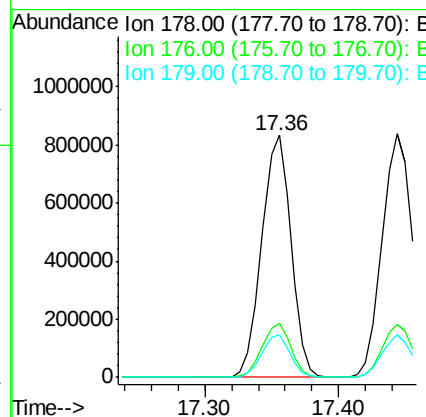
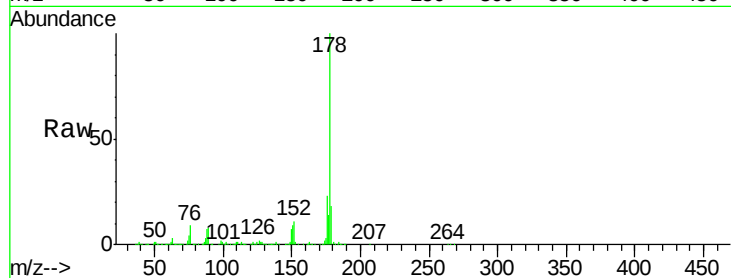




#71
Phenanthrene
Concen: 50.227 ng
RT: 17.36 min Scan# 2428
Delta R.T. -0.03 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

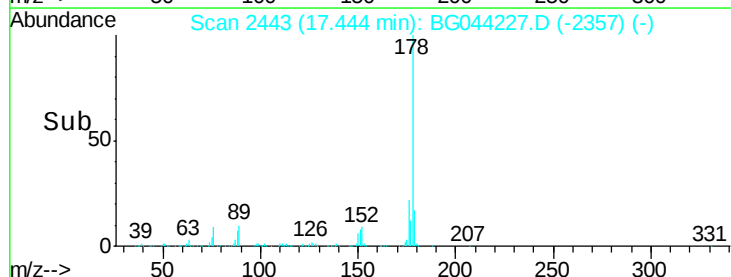
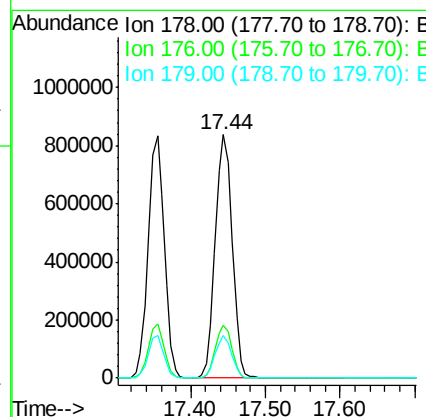
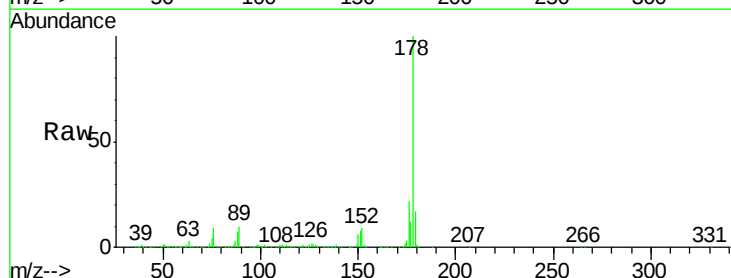
Instrument :
BNA_G
ClientSampleId :
TP-22-21-COMPMSD

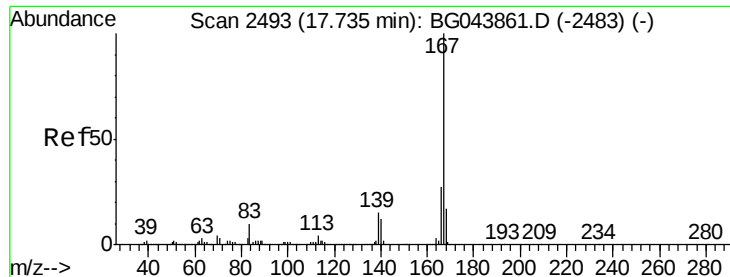
Tot Ion:178 Resp: 1263125
Ion Ratio Lower Upper
178 100
176 22.6 18.6 28.0
179 17.8 14.4 21.6



#72
Anthracene
Concen: 53.067 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.03 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

Tgt Ion:178 Resp: 1318905
Ion Ratio Lower Upper
178 100
176 21.8 18.3 27.5
179 17.4 14.6 22.0





#73

Carbazole

Concen: 50.551 ng

RT: 17.71 min Scan# 2489

Delta R.T. -0.02 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMSD

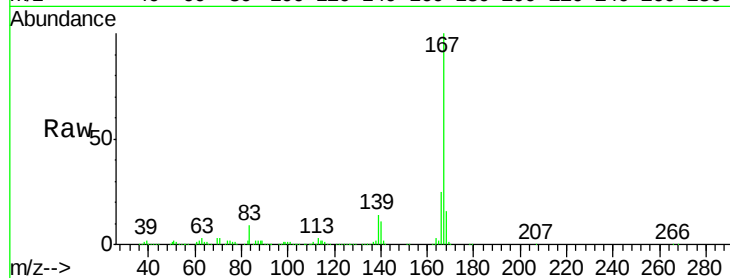
Tot Ion:167 Resp: 1160528

Ion Ratio Lower Upper

167 100

166 25.3 21.6 32.4

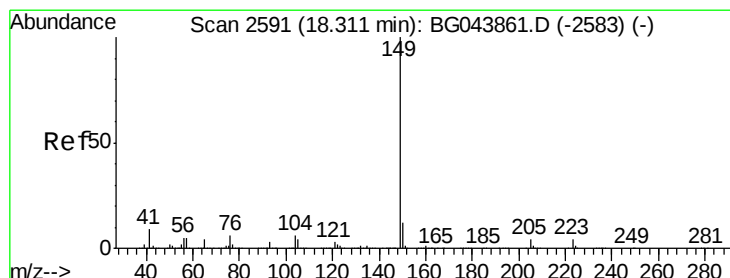
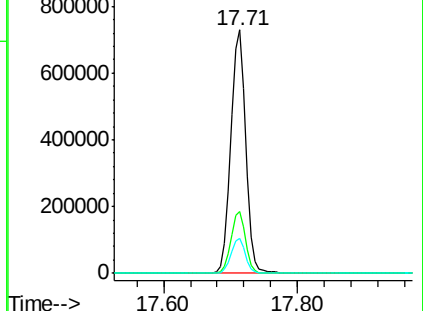
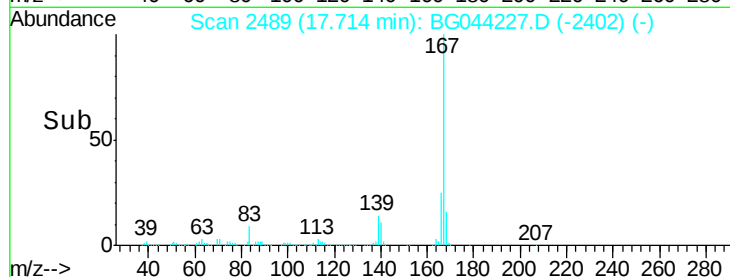
139 14.5 12.1 18.1



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: 48.547 ng

RT: 18.28 min Scan# 2585

Delta R.T. -0.03 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

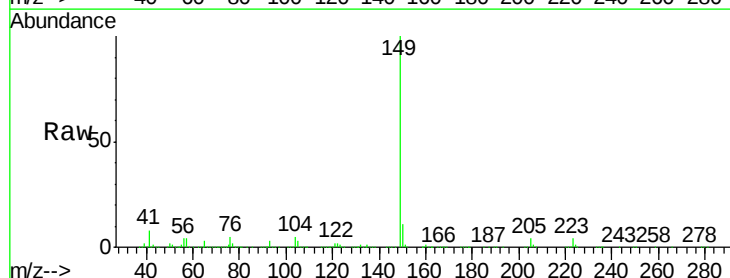
Tgt Ion:149 Resp: 1422983

Ion Ratio Lower Upper

149 100

150 11.1 9.7 14.5

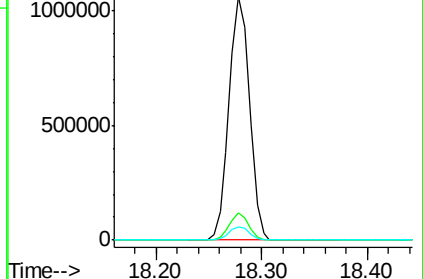
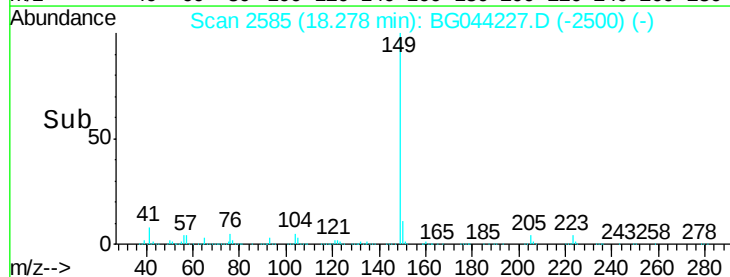
104 5.5 5.0 7.4

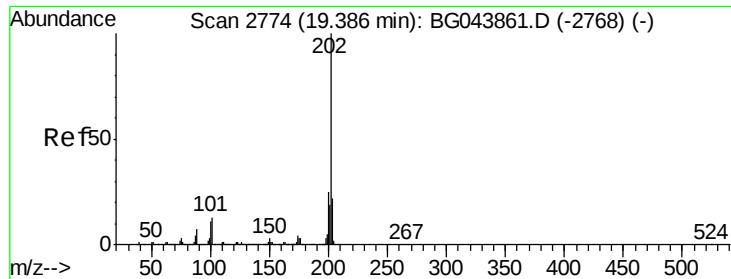


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 50.460 ng

RT: 19.36 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

Instrument :

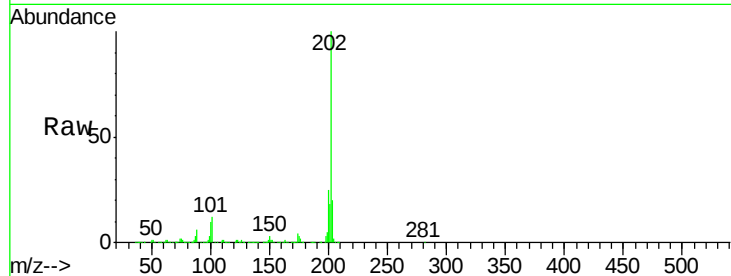
BNA_G

ClientSampleId :

TP-22-21-COMPMSD

Tot Ion:202 Resp: 1451267

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	33.3
203	20.5	1.6	41.6

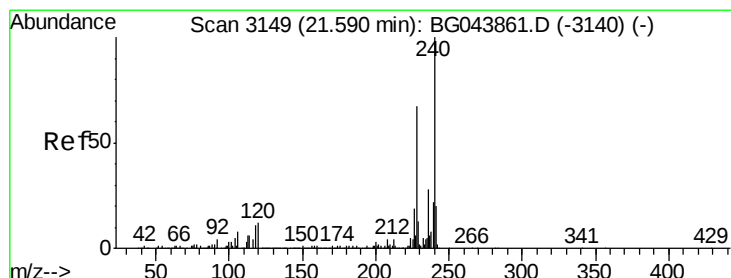
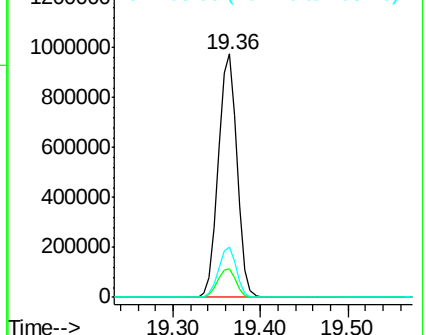
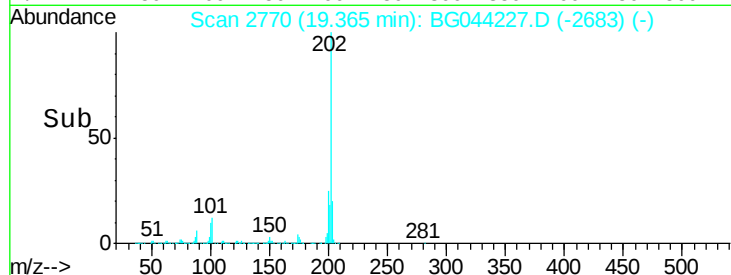


Abundance

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

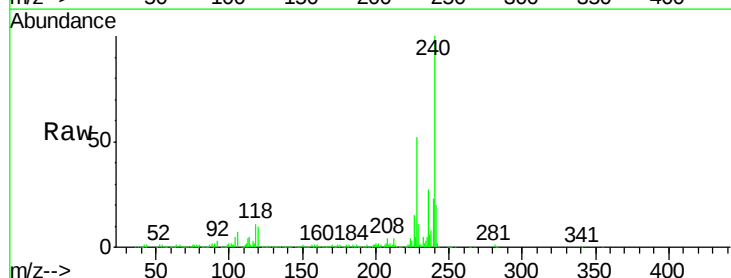
Delta R.T. -0.03 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

Tgt Ion:240 Resp: 453808

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.6	14.4
236	26.9	22.2	33.2

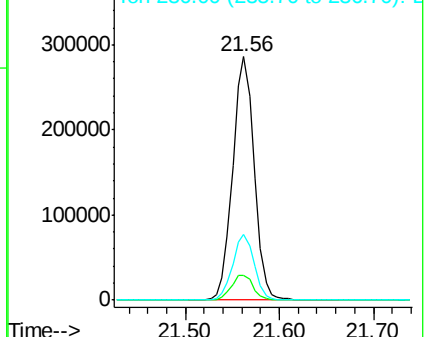
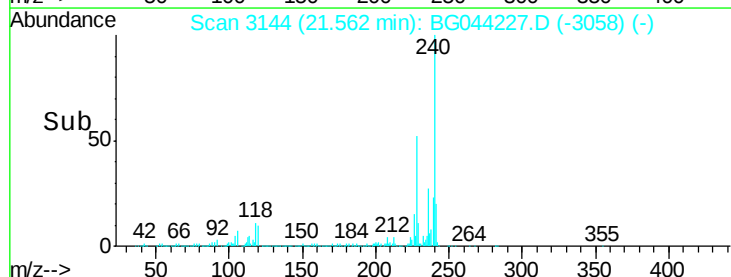


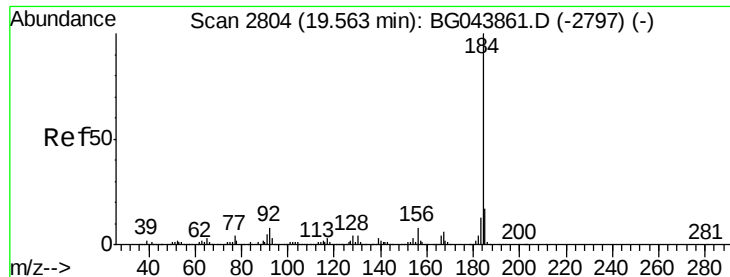
Abundance

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

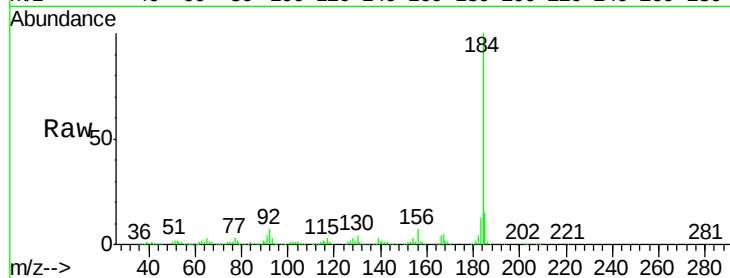




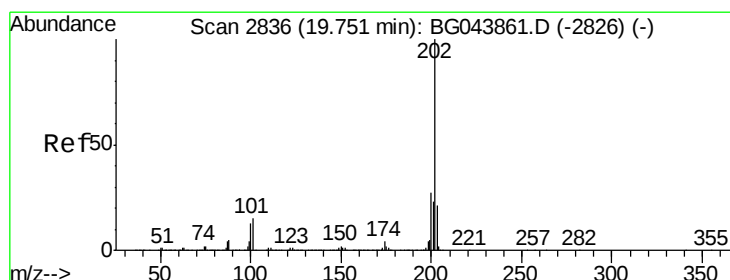
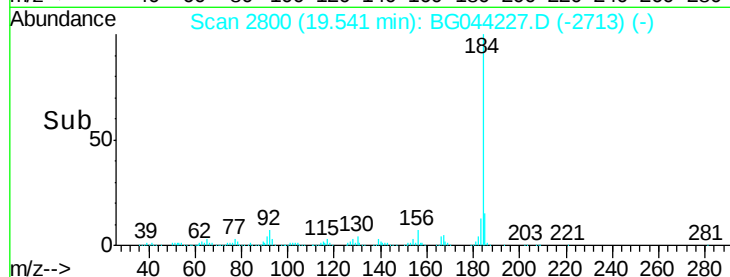
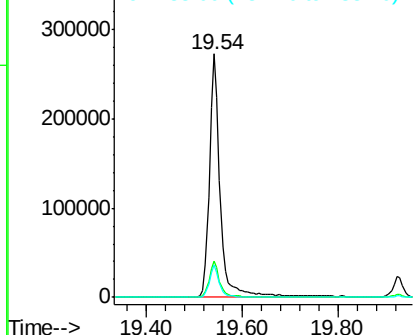
#77
Benzidine
Concen: 38.375 ng
RT: 19.54 min Scan# 2800
Delta R.T. -0.02 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

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

Tot Ion:184 Resp: 437734
Ion Ratio Lower Upper
184 100
185 14.9 13.4 20.0
183 13.5 10.6 15.8

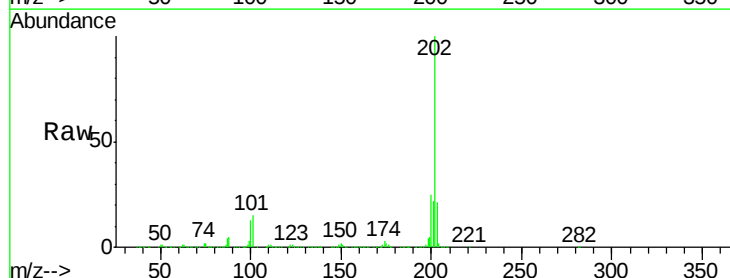


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

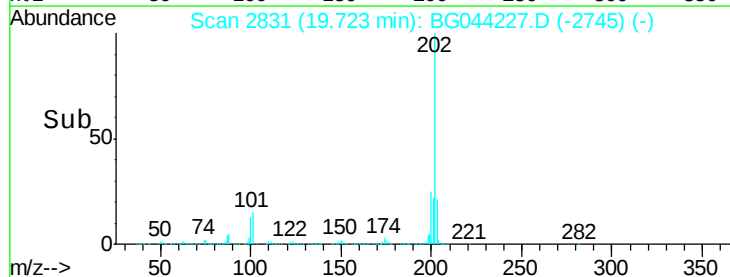
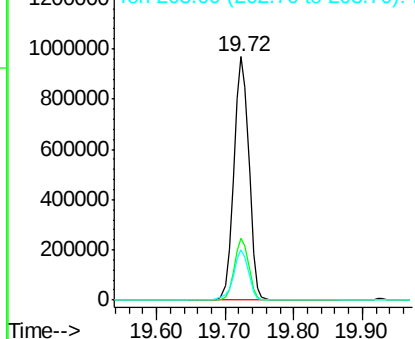


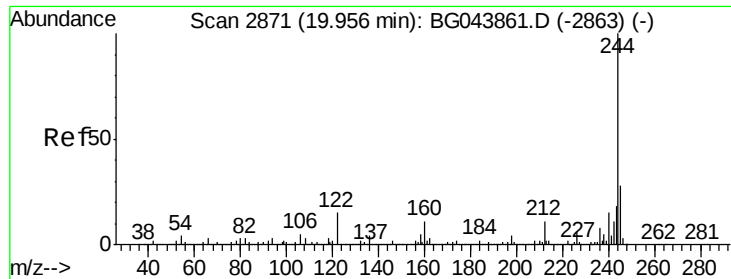
#78
Pyrene
Concen: 49.323 ng
RT: 19.72 min Scan# 2831
Delta R.T. -0.03 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

Tgt Ion:202 Resp: 1461025
Ion Ratio Lower Upper
202 100
200 25.3 21.7 32.5
203 20.9 17.0 25.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 96.409 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

Instrument :

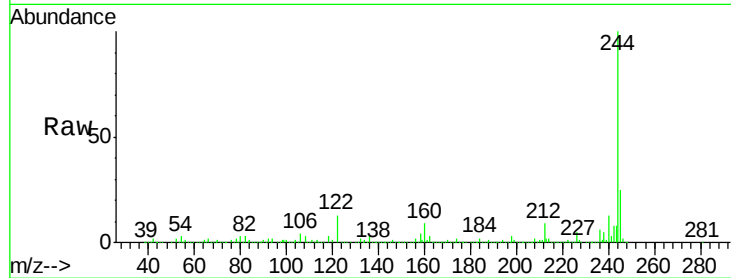
BNA_G

ClientSampleId :

TP-22-21-COMPMSD

Tot Ion:244 Resp: 1753036

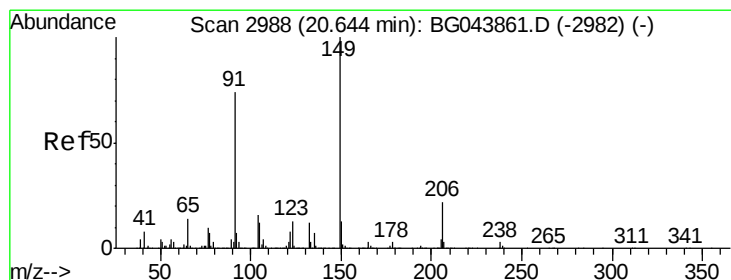
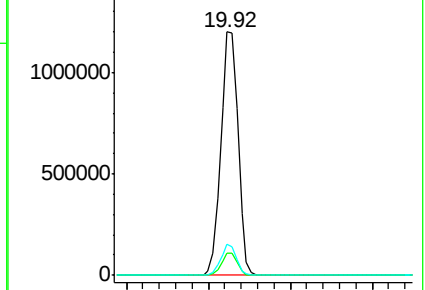
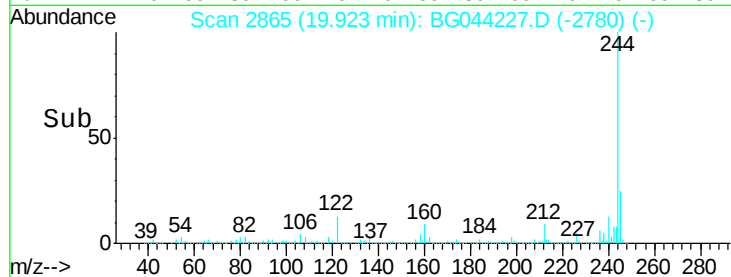
Ion	Ratio	Lower	Upper
244	100		
212	9.1	8.6	13.0
122	12.8	11.9	17.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.933 ng

RT: 20.62 min Scan# 2983

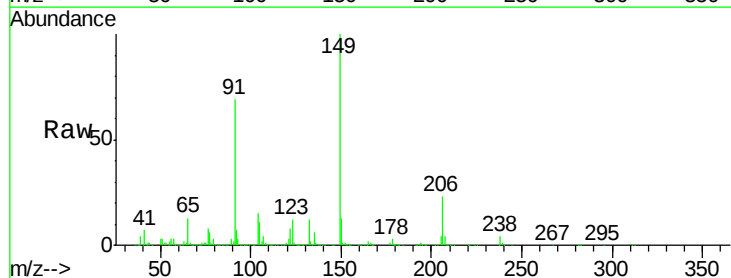
Delta R.T. -0.03 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

Tgt Ion:149 Resp: 675982

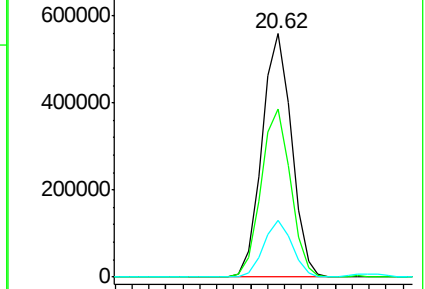
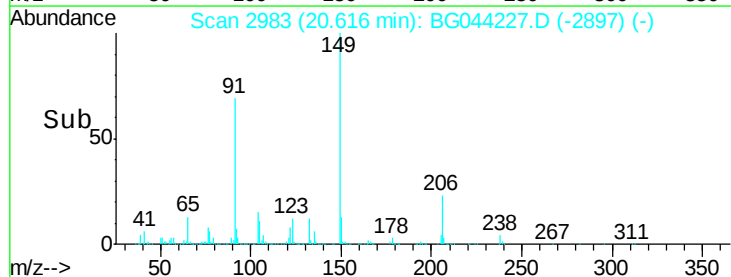
Ion	Ratio	Lower	Upper
149	100		
91	69.2	59.5	89.3
206	23.1	17.8	26.6

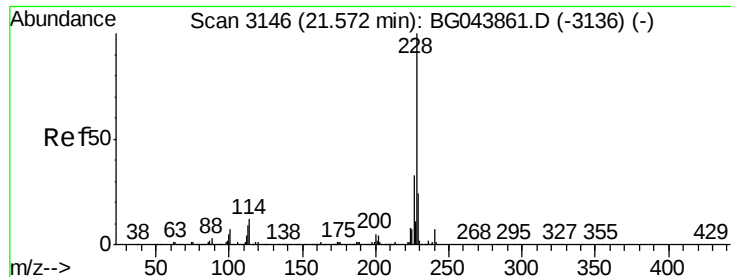


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.131 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.03 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMSD

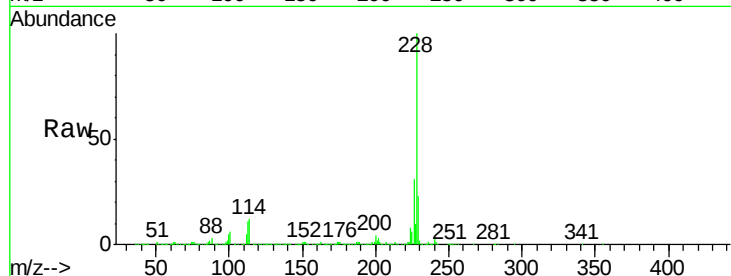
Tot Ion:228 Resp: 1410641

Ion Ratio Lower Upper

228 100

226 31.5 26.2 39.4

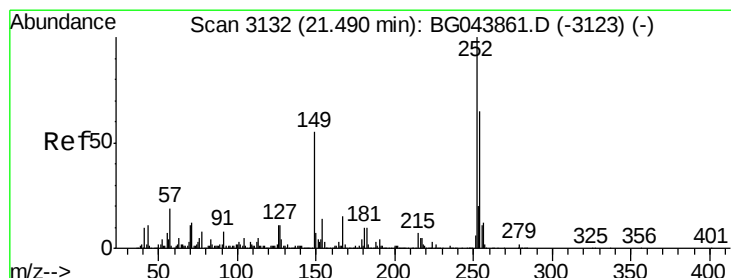
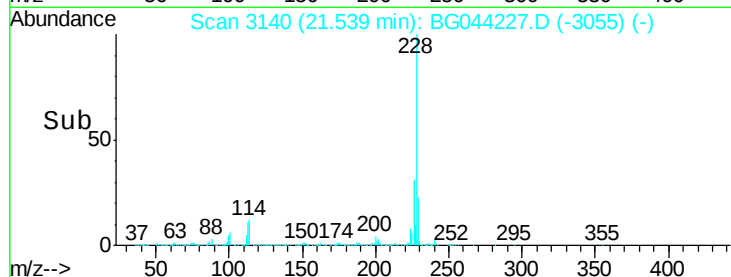
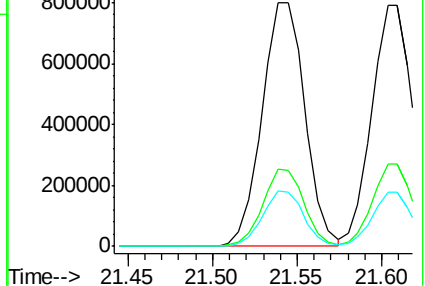
229 22.9 18.9 28.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 25.908 ng

RT: 21.46 min Scan# 3126

Delta R.T. -0.03 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

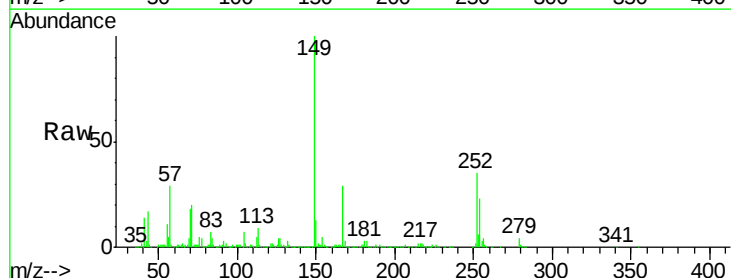
Tgt Ion:252 Resp: 288018

Ion Ratio Lower Upper

252 100

254 64.4 52.1 78.1

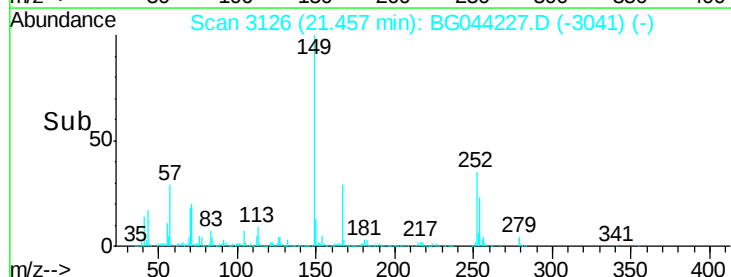
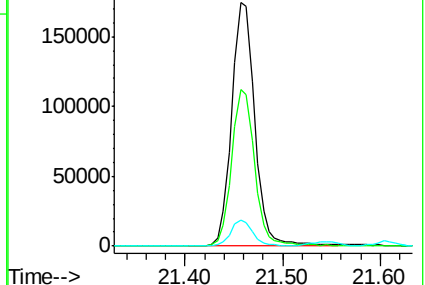
126 10.6 9.1 13.7

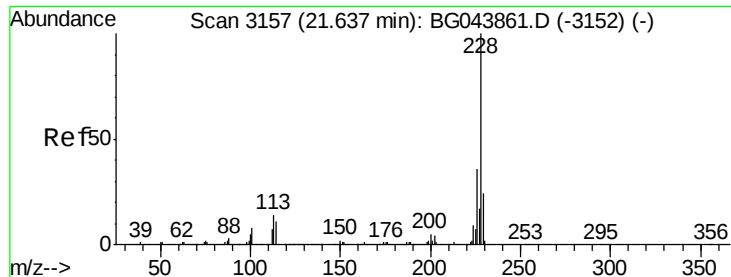


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



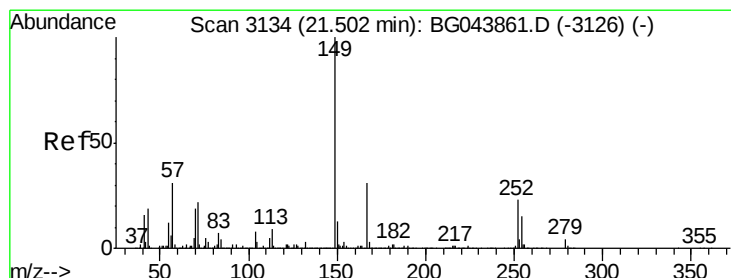
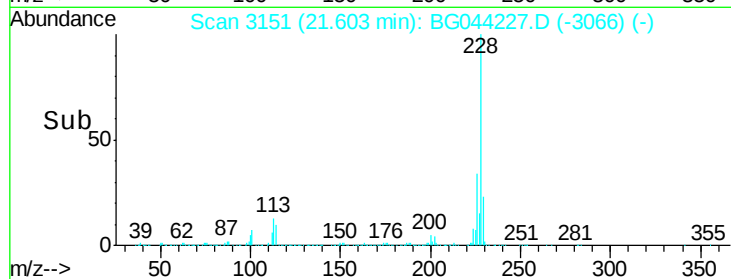
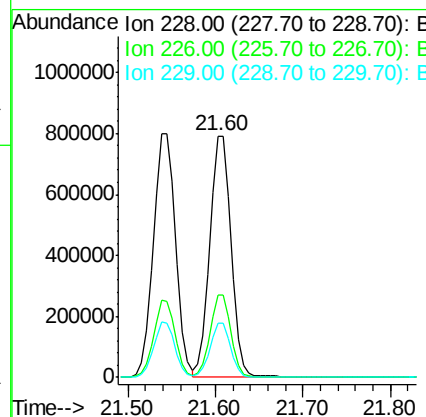
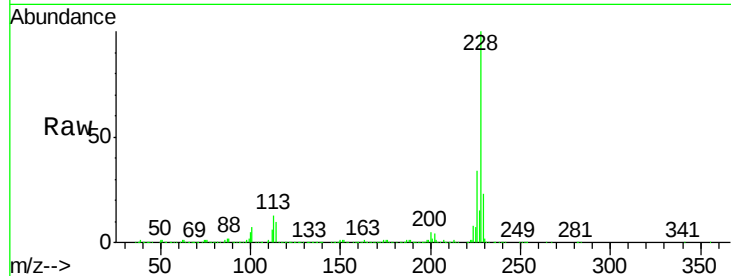


#83
 Chrvsene
 Concen: 50.412 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. -0.03 min
 Lab File: BG044227.D
 Acq: 27 Jan 2020 22:44

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

Tot Ion:228 Resp: 1347902

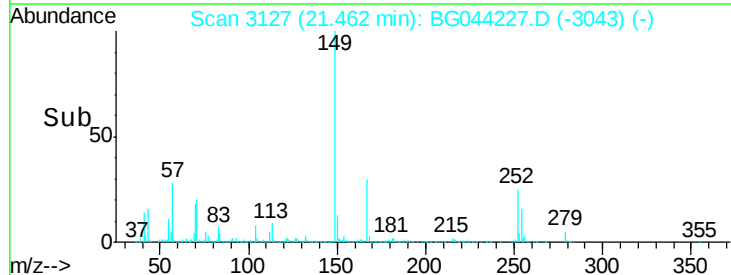
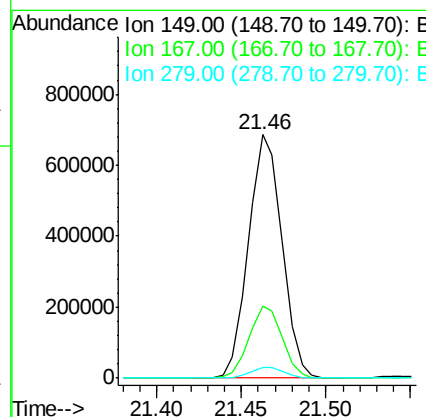
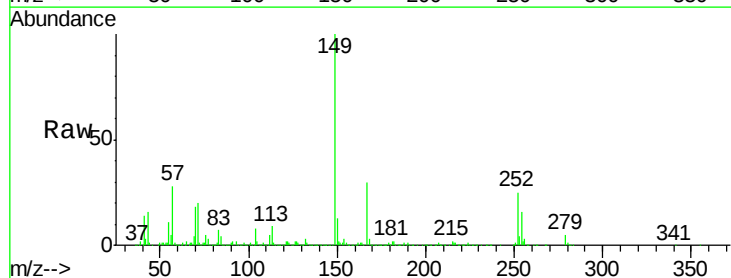
Ion	Ratio	Lower	Upper
228	100		
226	34.4	28.8	43.2
229	22.6	19.0	28.6

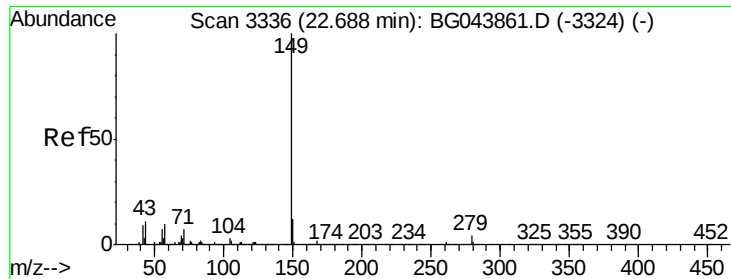


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.685 ng
 RT: 21.46 min Scan# 3127
 Delta R.T. -0.04 min
 Lab File: BG044227.D
 Acq: 27 Jan 2020 22:44

Tgt Ion:149 Resp: 947364

Ion	Ratio	Lower	Upper
149	100		
167	29.6	24.7	37.1
279	4.5	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 50.328 ng

RT: 22.64 min Scan# 3327

Delta R.T. -0.05 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMSD

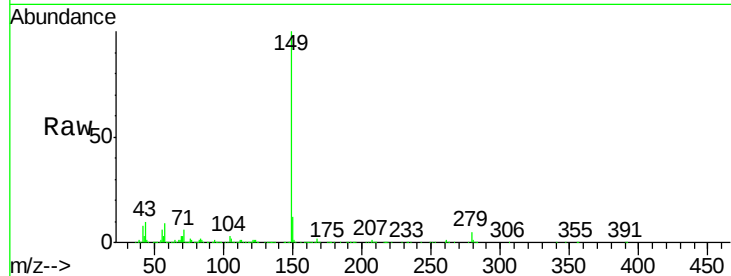
Tot Ion:149 Resp: 1646408

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

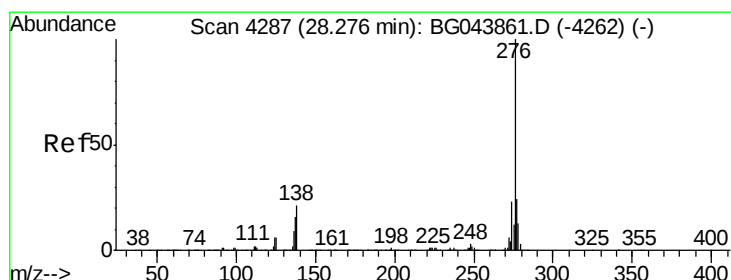
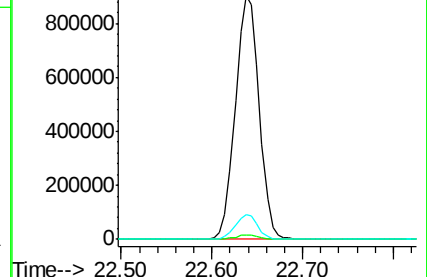
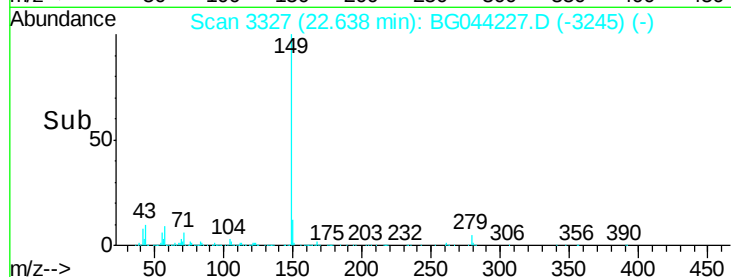
43 9.5 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.105 ng

RT: 28.20 min Scan# 4273

Delta R.T. -0.08 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

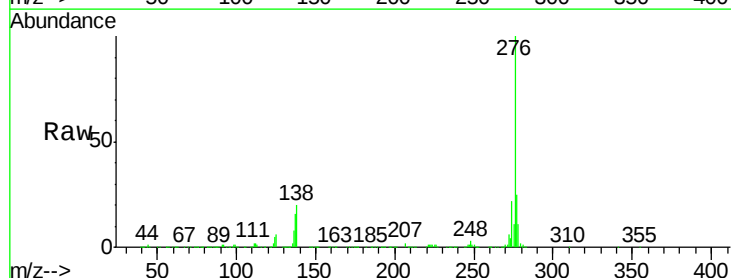
Tgt Ion:276 Resp: 1784335

Ion Ratio Lower Upper

276 100

138 17.3 21.0 31.4#

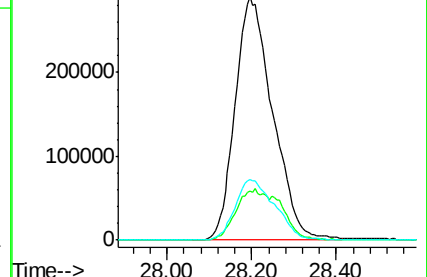
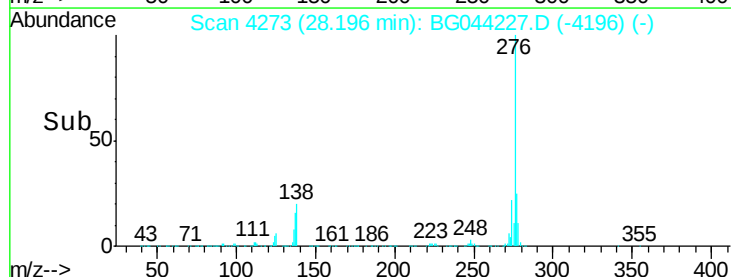
277 26.3 21.1 31.7

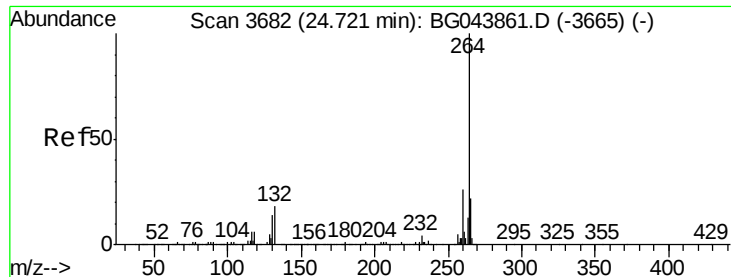


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.05 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMSD

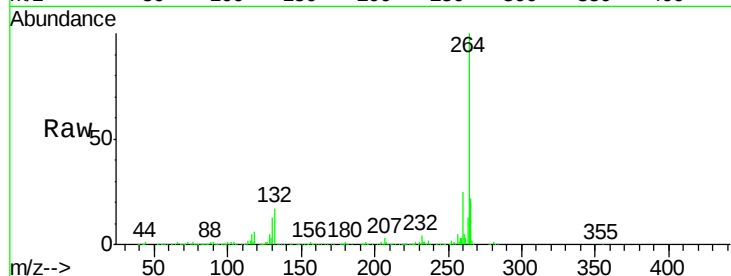
Tot Ion:264 Resp: 519258

Ion Ratio Lower Upper

264 100

260 25.1 20.4 30.6

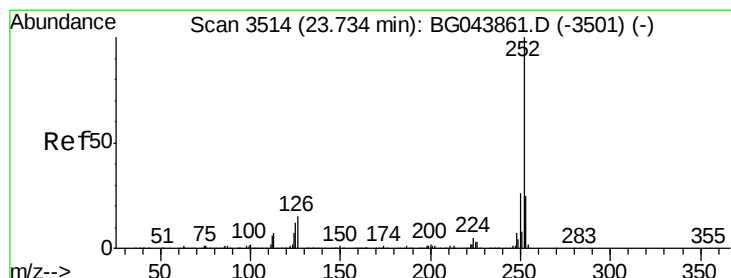
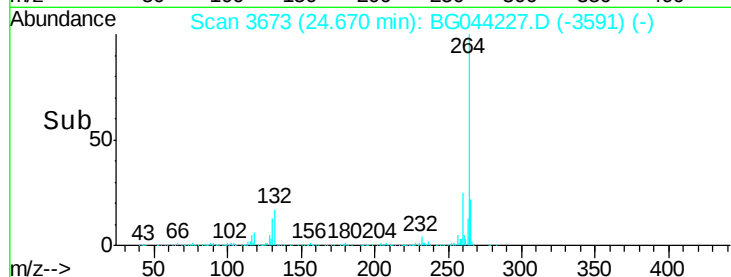
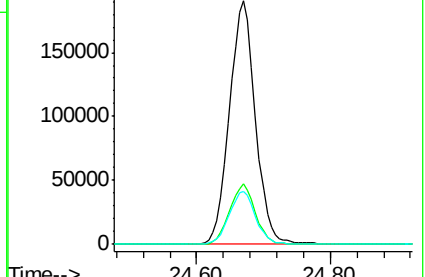
265 21.7 17.4 26.2



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: 49.296 ng

RT: 23.69 min Scan# 3506

Delta R.T. -0.04 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

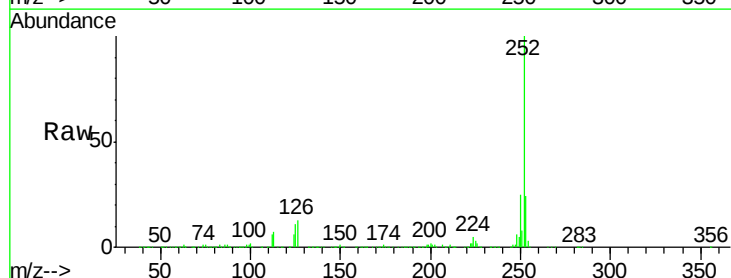
Tgt Ion:252 Resp: 1513240

Ion Ratio Lower Upper

252 100

253 24.2 19.7 29.5

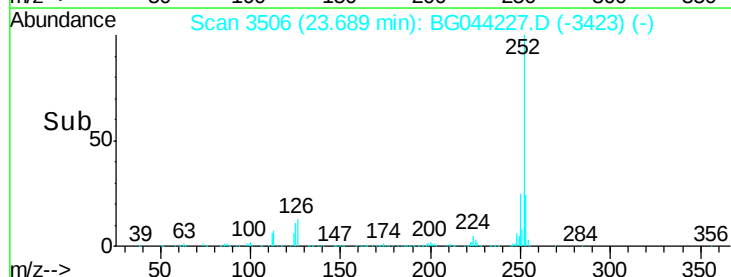
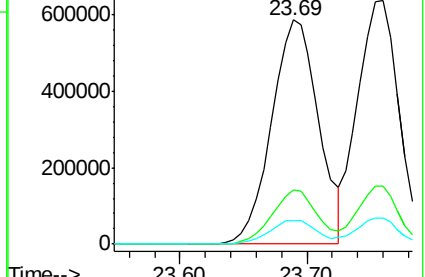
125 10.7 9.4 14.2

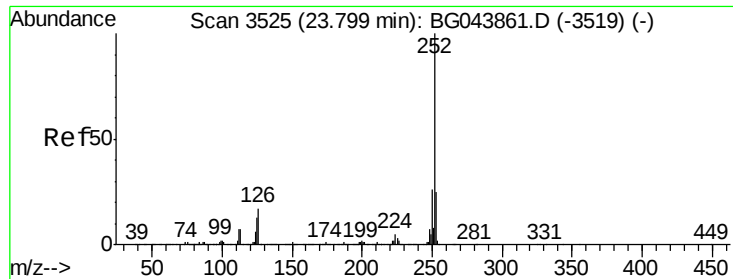


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 49.668 ng

RT: 23.76 min Scan# 3518

Delta R.T. -0.04 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

Instrument :

BNA_G

ClientSampleId :

TP-22-21-COMPMSD

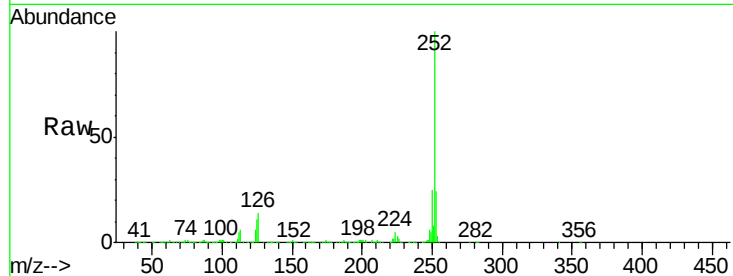
Tot Ion:252 Resp: 1449865

Ion Ratio Lower Upper

252 100

253 23.9 19.4 29.2

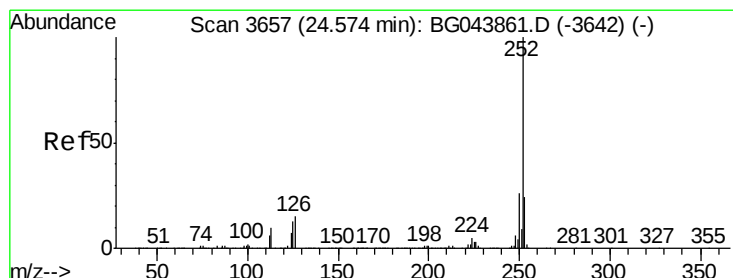
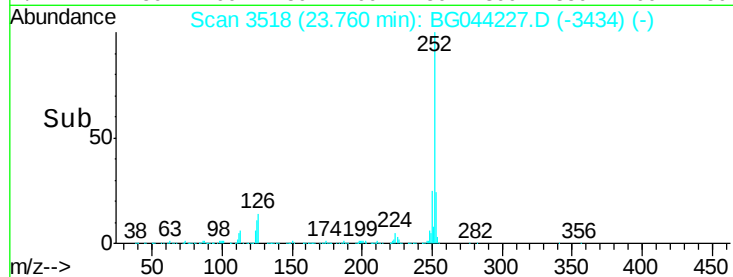
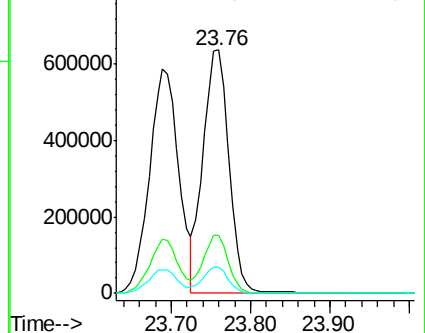
125 10.6 9.9 14.9



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: 47.895 ng

RT: 24.53 min Scan# 3649

Delta R.T. -0.04 min

Lab File: BG044227.D

Acq: 27 Jan 2020 22:44

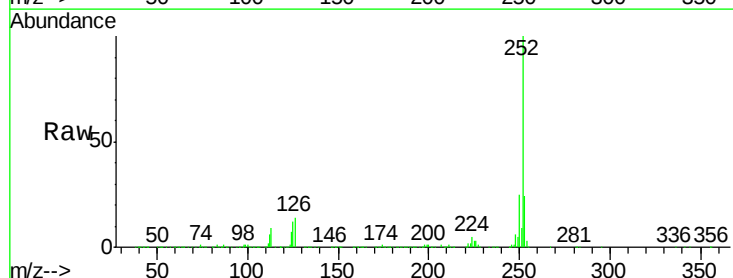
Tgt Ion:252 Resp: 1387661

Ion Ratio Lower Upper

252 100

253 23.7 19.3 28.9

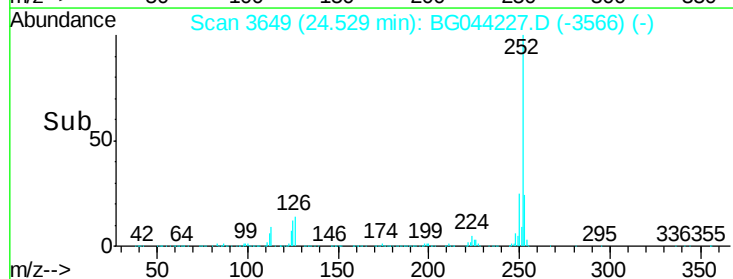
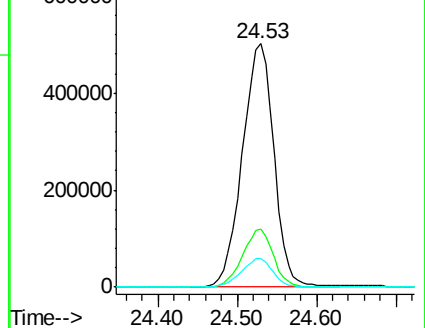
125 11.8 10.4 15.6

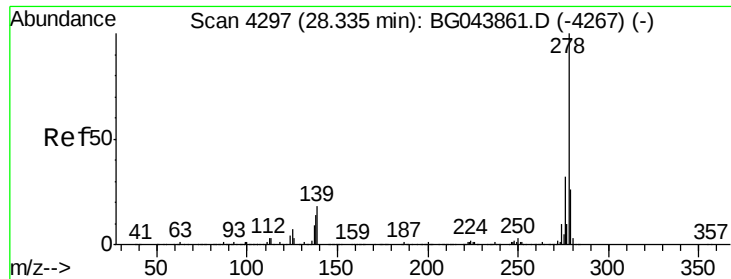


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

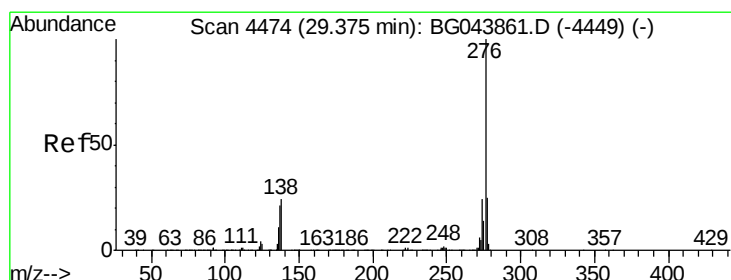
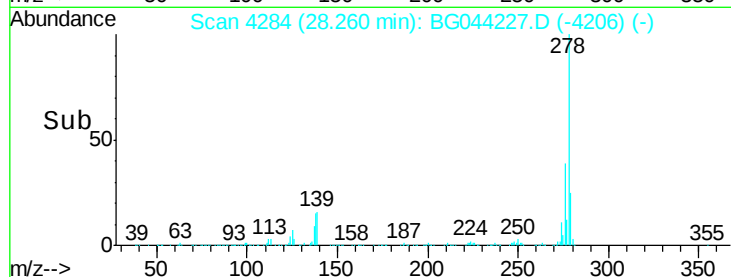
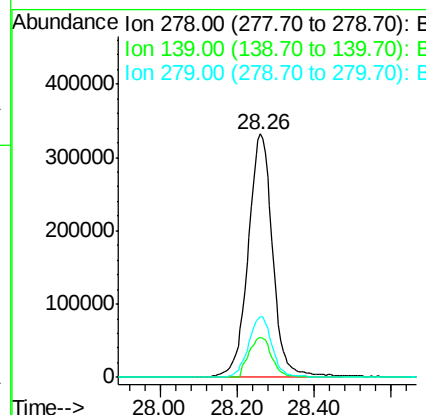
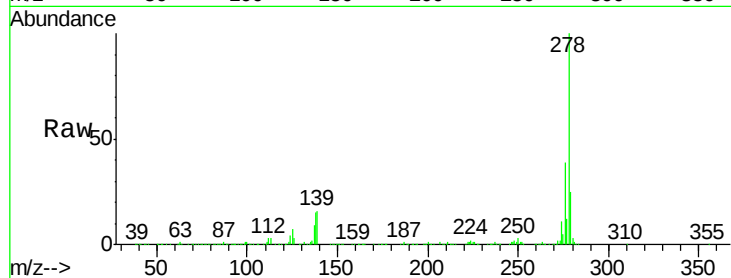




#91
Dibenzo(a,h)anthracene
Concen: 50.336 ng
RT: 28.26 min Scan# 4284
Delta R.T. -0.07 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

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

Tot Ion:278 Resp: 1464626
Ion Ratio Lower Upper
278 100
139 16.4 14.2 21.4
279 24.9 20.6 30.8



#92
Benzo(g,h,i)perylene
Concen: 51.488 ng
RT: 29.30 min Scan# 4461
Delta R.T. -0.07 min
Lab File: BG044227.D
Acq: 27 Jan 2020 22:44

Tgt Ion:276 Resp: 1488146
Ion Ratio Lower Upper
276 100
277 24.9 20.2 30.4
138 21.5 19.0 28.6

