

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021420\
 Data File : BG044445.D
 Acq On : 14 Feb 2020 19:18
 Operator : CG/JU
 Sample : L1525-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MS

Quant Time: Feb 15 06:02:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	64431	20.00	ng	-0.01
21) Naphthalene-d8	10.70	136	265347	20.00	ng	0.00
39) Acenaphthene-d10	14.53	164	175290	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	410105	20.00	ng	-0.01
76) Chrysene-d12	21.53	240	409466	20.00	ng	-0.01
87) Perylene-d12	24.60	264	443823	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	490737	134.42	ng	0.00
7) Phenol-d6	7.07	99	646423	131.86	ng	0.00
23) Nitrobenzene-d5	9.05	82	381772	81.23	ng	-0.01
42) 2,4,6-Tribromophenol	16.03	330	274519	133.40	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	881306	84.19	ng	0.00
79) Terphenyl-d14	19.89	244	1466514	73.67	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	68575	41.807	ng	99
3) Pyridine	3.75	79	169566	38.801	ng	97
4) n-Nitrosodimethylamine	3.66	42	86338	47.279	ng	97
6) Aniline	7.22	93	165905	27.263	ng	99
8) 2-Chlorophenol	7.47	128	213820	53.291	ng	97
9) Benzaldehyde	7.02	77	90010	32.237	ng	97
10) Phenol	7.10	94	258953	53.372	ng	99
11) bis(2-Chloroethyl)ether	7.31	93	196055	47.265	ng	97
12) 1,3-Dichlorobenzene	7.78	146	224333	46.828	ng	98
13) 1,4-Dichlorobenzene	7.93	146	224452	47.305	ng	99
14) 1,2-Dichlorobenzene	8.25	146	212569	47.398	ng	100
15) Benzyl Alcohol	8.14	79	172748	49.771	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.43	45	254403	45.314	ng	99
17) 2-Methylphenol	8.35	107	178196	51.477	ng	96
18) Hexachloroethane	8.98	117	81652	45.859	ng	97
19) n-Nitroso-di-n-propylamine	8.70	70	153279	46.913	ng	98
20) 3+4-Methylphenols	8.68	107	244518	51.254	ng	99
22) Acetophenone	8.72	105	287430	44.528	ng	98
24) Nitrobenzene	9.09	77	215493	46.964	ng	100
25) Isophorone	9.62	82	421592	48.125	ng	99
26) 2-Nitrophenol	9.81	139	120876	50.770	ng	96
27) 2,4-Dimethylphenol	9.87	122	200484	59.653	ng	99
28) bis(2-Chloroethoxy)methane	10.10	93	265943	45.507	ng	99
29) 2,4-Dichlorophenol	10.35	162	210868	51.889	ng	99
30) 1,2,4-Trichlorobenzene	10.56	180	210985	45.278	ng	99
31) Naphthalene	10.74	128	620145	48.171	ng	99
32) Benzoic acid	10.04	122	64158	34.596	ng	99
33) 4-Chloroaniline	10.86	127	78268	13.368	ng	97
34) Hexachlorobutadiene	11.04	225	126166	44.002	ng	99
35) Caprolactam	11.62	113	41479	27.863	ng	97
36) 4-Chloro-3-methylphenol	11.99	107	222788	52.289	ng	100
37) 2-Methylnaphthalene	12.35	142	463303	48.470	ng	99
38) 1-Methylnaphthalene	12.58	142	437763	48.577	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	230086	43.880	ng	99

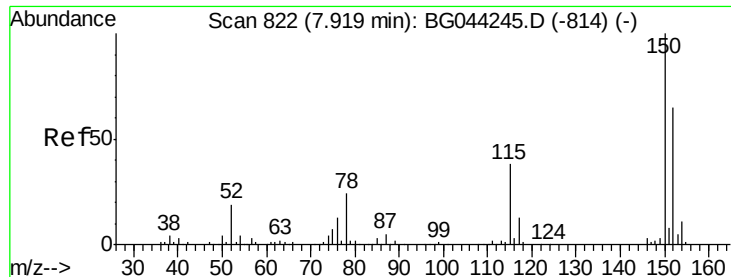
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021420\
 Data File : BG044445.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	260017	103.346	ng	100
43) 2,4,6-Trichlorophenol	12.97	196	167528	49.429	ng	98
44) 2,4,5-Trichlorophenol	13.05	196	181676	52.480	ng	99
46) 1,1'-Biphenyl	13.36	154	595089	47.065	ng	98
47) 2-Chloronaphthalene	13.41	162	465530	46.269	ng	99
48) 2-Nitroaniline	13.61	65	138584	46.672	ng	97
49) Acenaphthylene	14.26	152	742316	50.302	ng	100
50) Dimethylphthalate	13.99	163	653133	51.835	ng	100
51) 2,6-Dinitrotoluene	14.10	165	138816	49.410	ng	99
52) Acenaphthene	14.60	154	458529	47.937	ng	99
53) 3-Nitroaniline	14.43	138	66606	21.429	ng	98
54) 2,4-Dinitrophenol	14.65	184	157559	93.250	ng	99
55) Dibenzofuran	14.93	168	717339	49.532	ng	98
56) 4-Nitrophenol	14.76	139	259287	113.882	ng	97
57) 2,4-Dinitrotoluene	14.90	165	197747	50.219	ng	99
58) Fluorene	15.59	166	575611	50.463	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.17	232	162478	51.961	ng	99
60) Diethylphthalate	15.36	149	625464	49.817	ng	99
61) 4-Chlorophenyl-phenylether	15.57	204	298677	48.292	ng	97
62) 4-Nitroaniline	15.60	138	141915	45.693	ng	96
63) Azobenzene	15.87	77	550226	50.003	ng	100
65) 4,6-Dinitro-2-methylphenol	15.67	198	123764	54.672	ng	95
66) n-Nitrosodiphenylamine	15.79	169	543575	47.296	ng	99
67) 4-Bromophenyl-phenylether	16.47	248	200463	44.866	ng	97
68) Hexachlorobenzene	16.60	284	223473	44.644	ng	100
69) Atrazine	16.74	200	219441	55.707	ng	99
70) Pentachlorophenol	16.94	266	240189	94.303	ng	97
71) Phenanthrene	17.32	178	956026	48.141	ng	99
72) Anthracene	17.41	178	982913	50.063	ng	99
73) Carbazole	17.68	167	927315	51.233	ng	100
74) Di-n-butylphthalate	18.25	149	1142197	51.066	ng	99
75) Fluoranthene	19.33	202	1200264	52.247	ng	99
77) Benzidine	19.51	184	473529	41.693	ng	98
78) Pyrene	19.69	202	1212449	46.108	ng	99
80) Butylbenzylphthalate	20.59	149	541864	45.218	ng	99
81) Benzo(a)anthracene	21.51	228	1165154	46.171	ng	99
82) 3,3'-Dichlorobenzidine	21.42	252	211277	21.571	ng	97
83) Chrysene	21.57	228	1106701	45.370	ng	99
84) Bis(2-ethylhexyl)phthalate	21.43	149	770065	46.687	ng	99
85) Di-n-octyl phthalate	22.59	149	1344584	47.115	ng	99
86) Indeno(1,2,3-cd)pyrene	28.11	276	1441084	45.283	ng	100
88) Benzo(b)fluoranthene	23.63	252	1239836	48.479	ng	99
89) Benzo(k)fluoranthene	23.70	252	1215489	48.764	ng	100
90) Benzo(a)pyrene	24.46	252	1143456	47.288	ng	99
91) Dibenzo(a,h)anthracene	28.15	278	1190728	49.757	ng	99
92) Benzo(g,h,i)perylene	29.19	276	1218897	50.880	ng	98

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

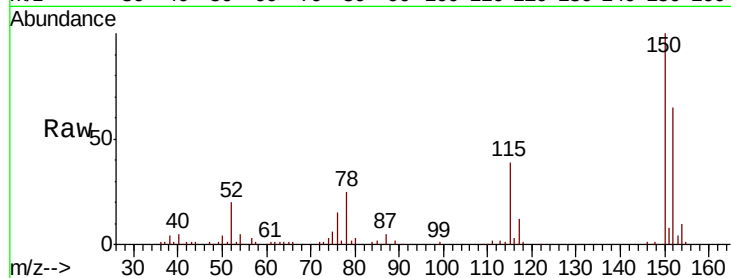


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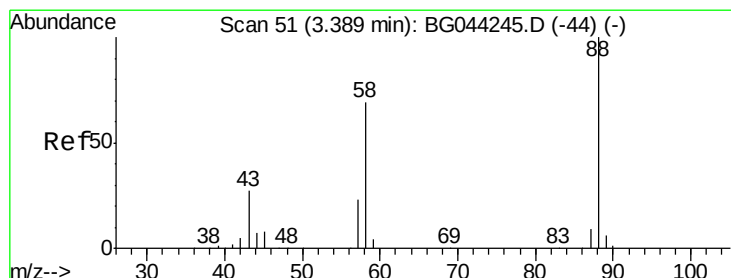
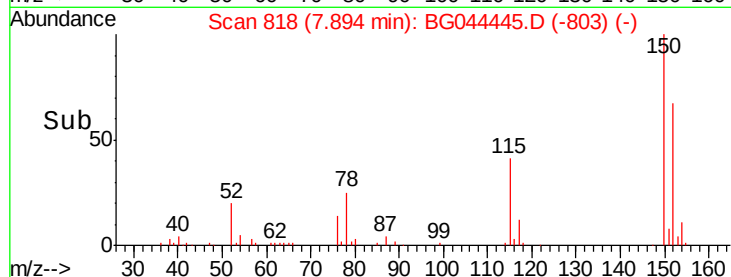
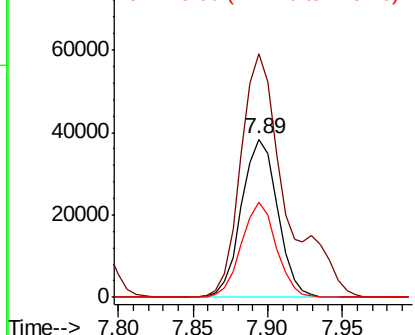
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.89 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MS

Tot Ion:152 Resp: 64431
 Ion Ratio Lower Upper
 152 100
 150 154.1 122.6 183.8
 115 60.4 46.0 69.0



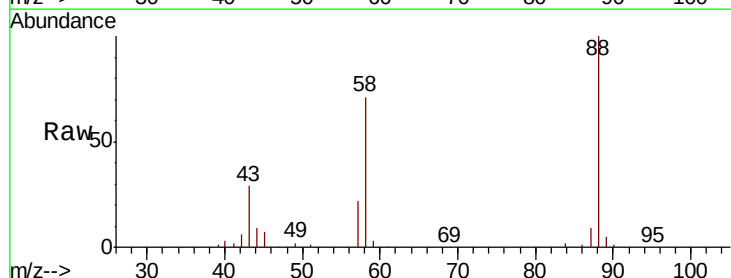
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



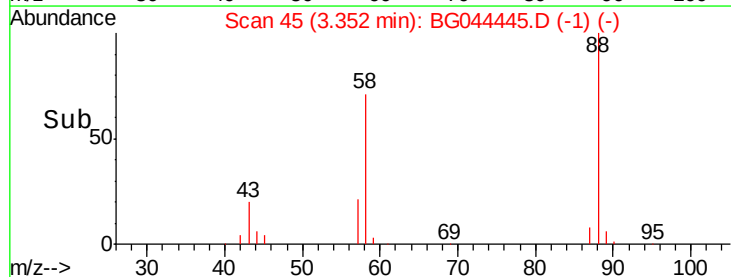
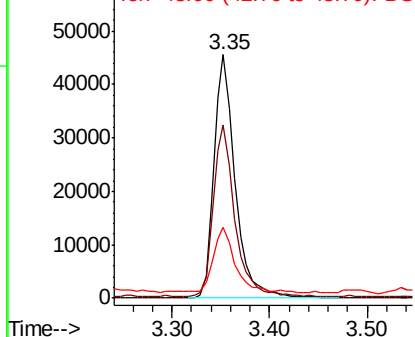
#2

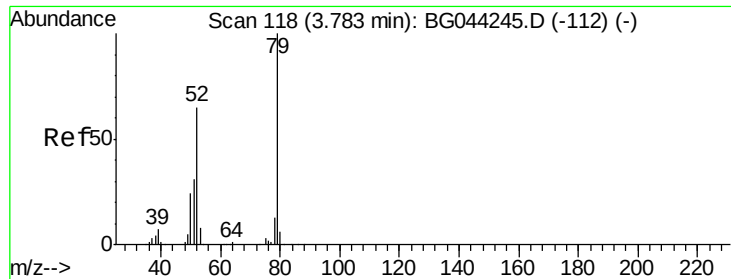
1,4-Dioxane
 Concen: 41.807 ng
 RT: 3.35 min Scan# 45
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Tgt Ion: 88 Resp: 68575
 Ion Ratio Lower Upper
 88 100
 58 70.6 55.8 83.6
 43 27.8 21.6 32.4



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: 38.801 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.02 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MS

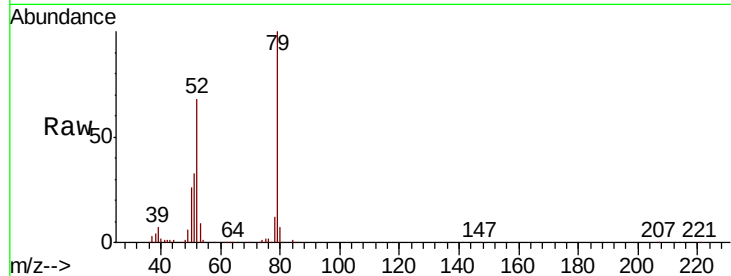
Tot Ion: 79 Resp: 169566

Ion Ratio Lower Upper

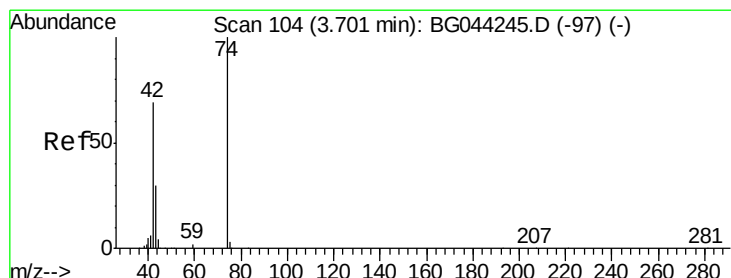
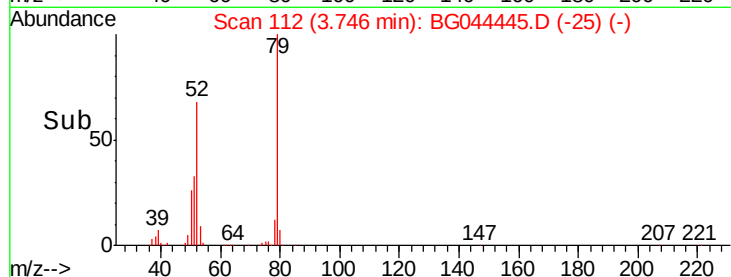
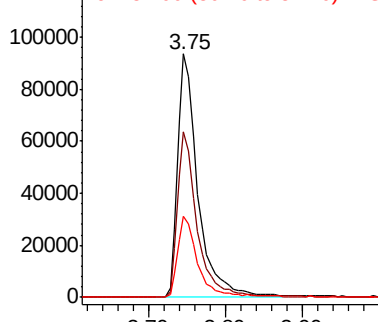
79 100

52 67.8 51.9 77.9

51 33.1 25.3 37.9



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



#4

n-Nitrosodimethylamine

Concen: 47.279 ng

RT: 3.66 min Scan# 98

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

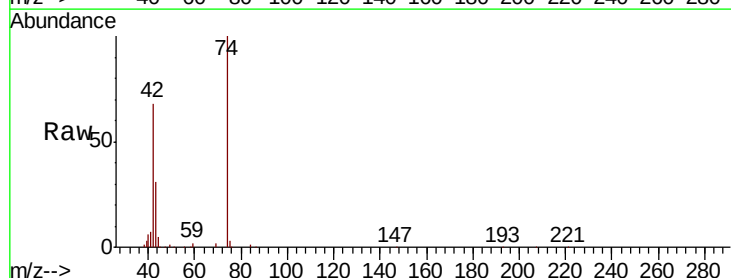
Tgt Ion: 42 Resp: 86338

Ion Ratio Lower Upper

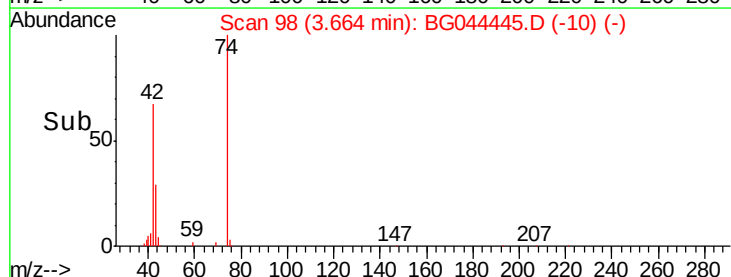
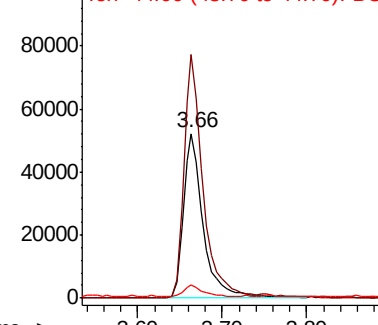
42 100

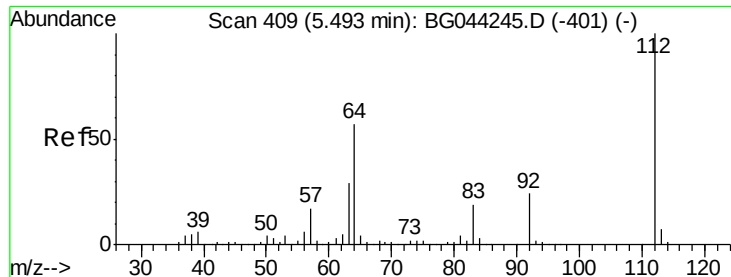
74 148.1 115.1 172.7

44 7.7 5.6 8.4



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





#5

2-Fluorophenol

Concen: 134.419 ng

RT: 5.47 min Scan# 406

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MS

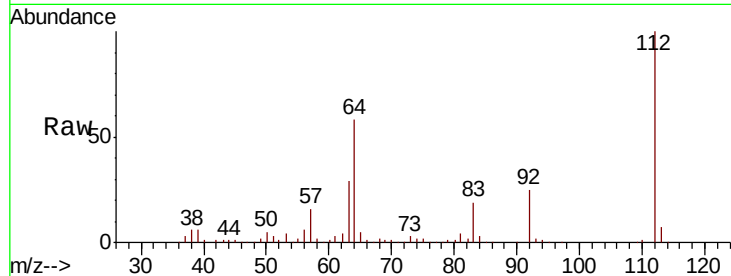
Tot Ion:112 Resp: 490737

Ion Ratio Lower Upper

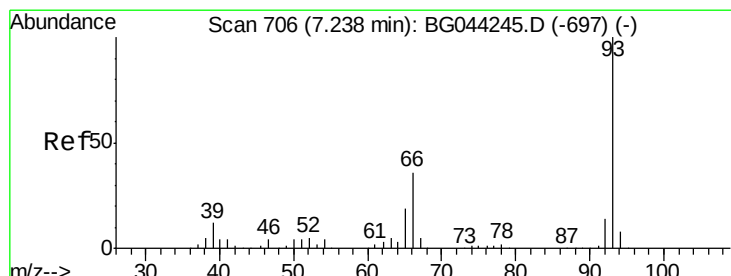
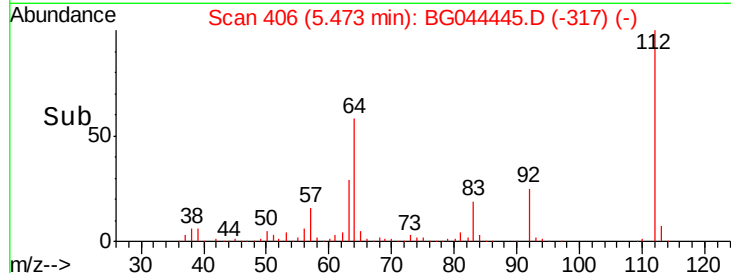
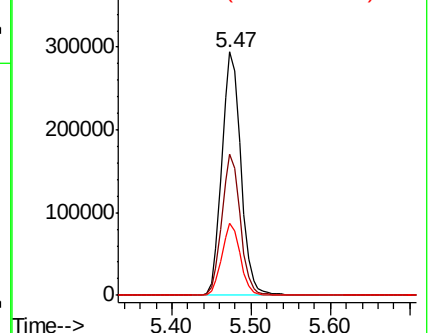
112 100

64 58.1 45.4 68.2

63 29.4 22.9 34.3



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: 27.263 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

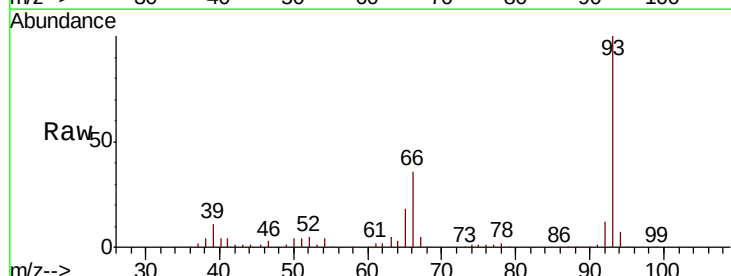
Tgt Ion: 93 Resp: 165905

Ion Ratio Lower Upper

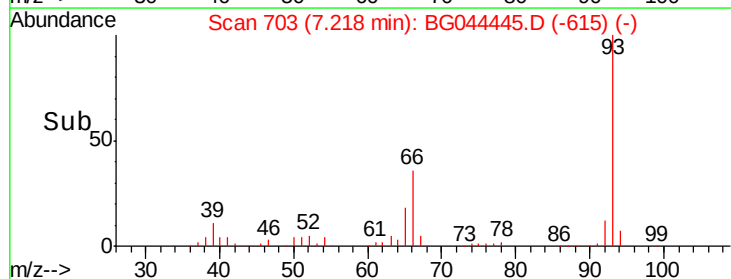
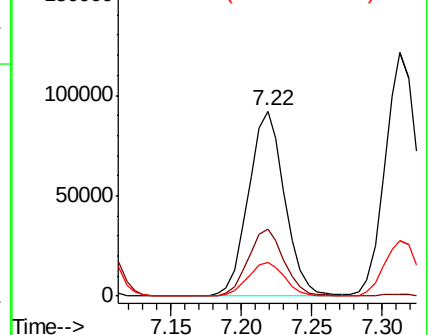
93 100

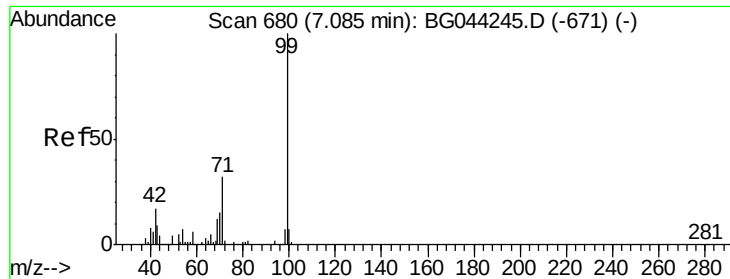
66 36.4 28.7 43.1

65 18.5 15.4 23.0



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: 131.856 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BG044445.D

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SB-2B-(18.5-20.5)MS

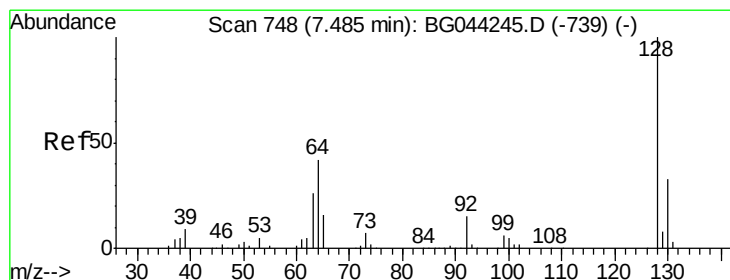
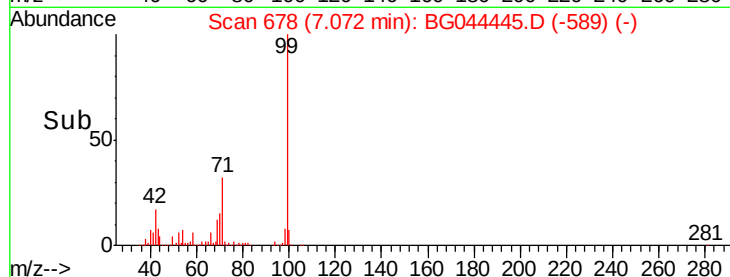
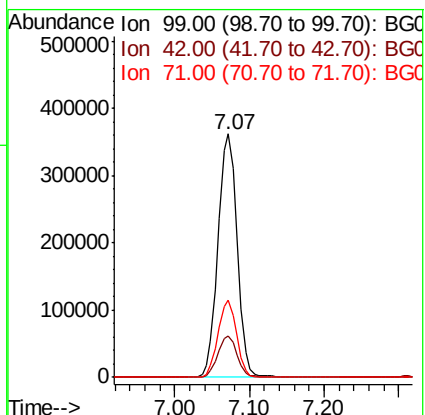
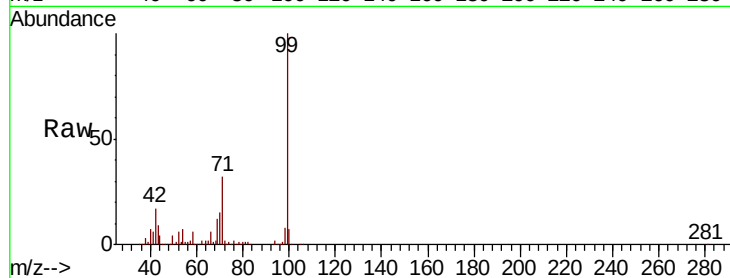
Tot Ion: 99 Resp: 646423

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.6

71 31.9 25.5 38.3



#8

2-Chlorophenol

Concen: 53.291 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

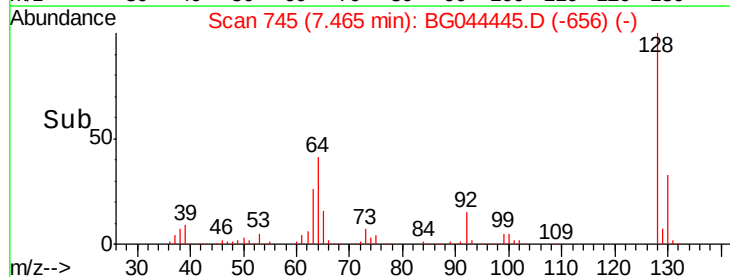
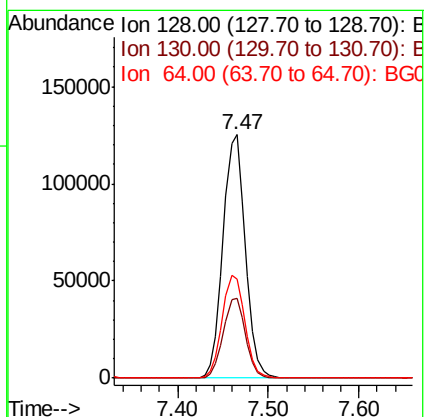
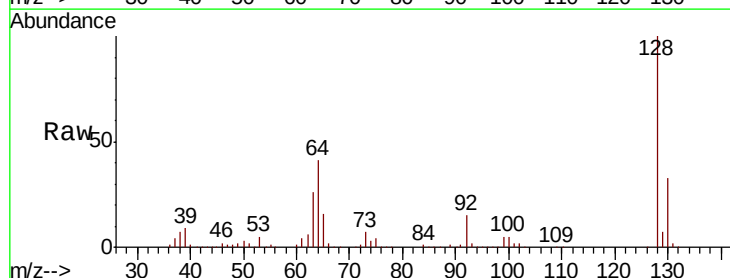
Tgt Ion: 128 Resp: 213820

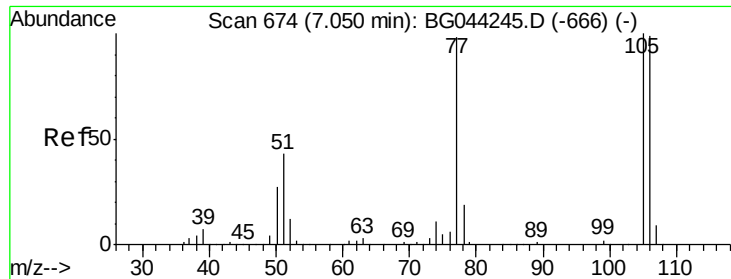
Ion Ratio Lower Upper

128 100

130 33.0 12.5 52.5

64 40.9 24.2 64.2





#9

Benzaldehyde

Concen: 32.237 ng

RT: 7.02 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MS

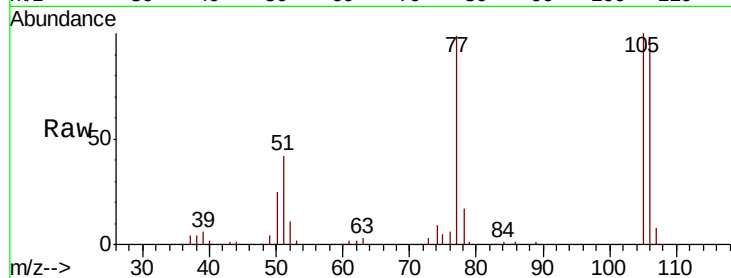
Tot Ion: 77 Resp: 90010

Ion Ratio Lower Upper

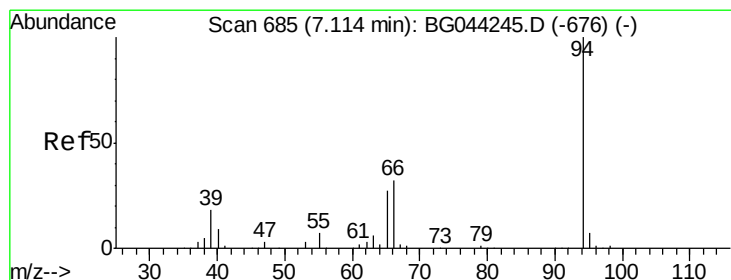
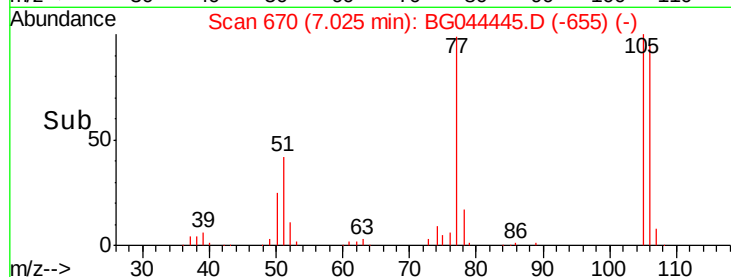
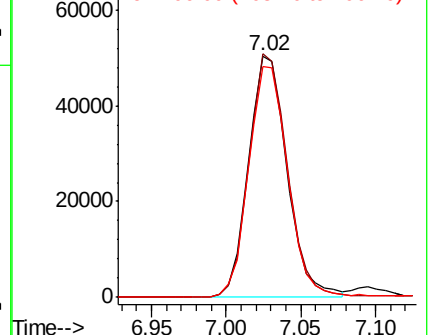
77 100

105 101.0 82.0 122.0

106 95.8 80.7 120.7



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: 53.372 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

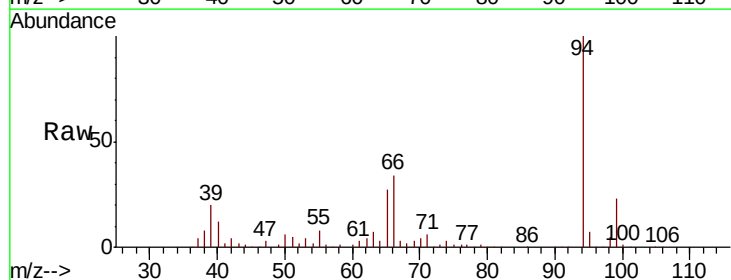
Tgt Ion: 94 Resp: 258953

Ion Ratio Lower Upper

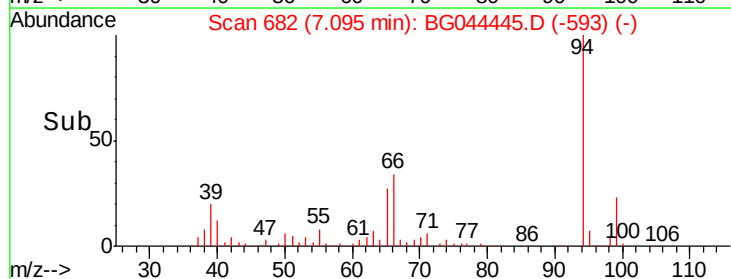
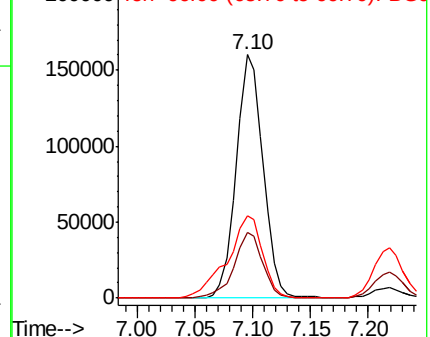
94 100

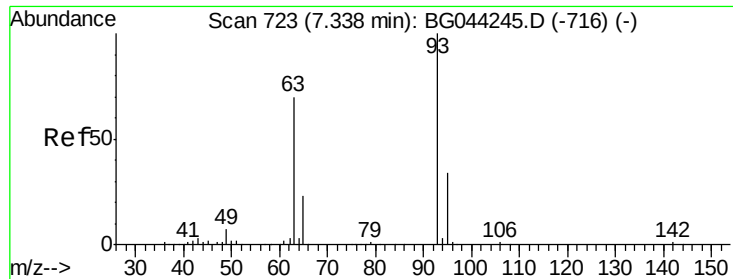
65 26.8 7.0 47.0

66 33.8 12.7 52.7



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

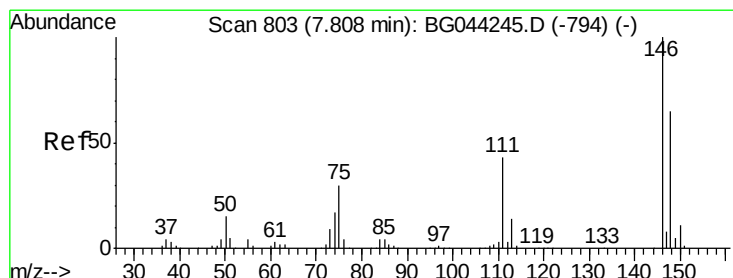
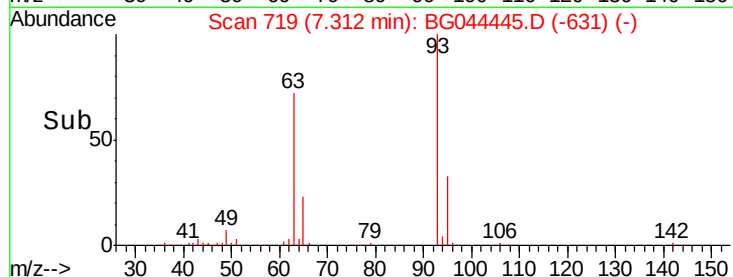
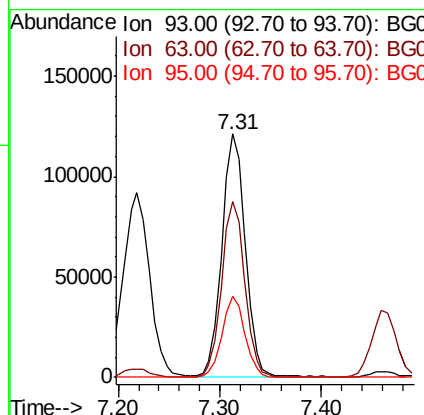
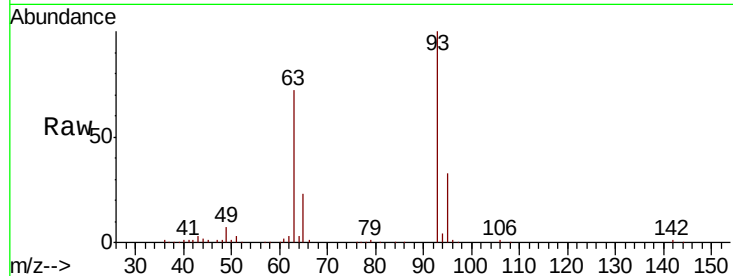




#11
 bis(2-Chloroethyl)ether
 Concen: 47.265 ng
 RT: 7.31 min Scan# 719
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

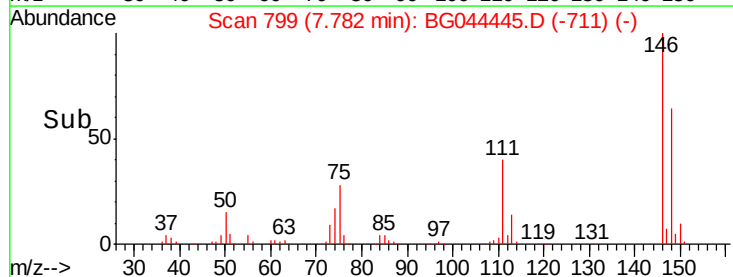
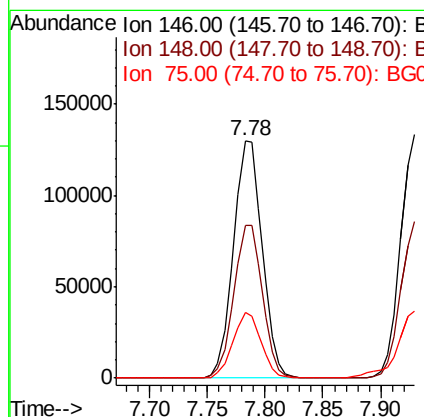
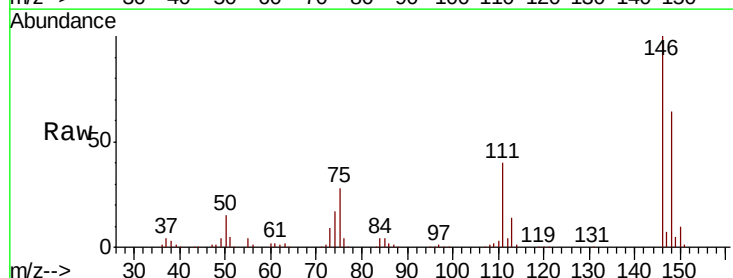
Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MS

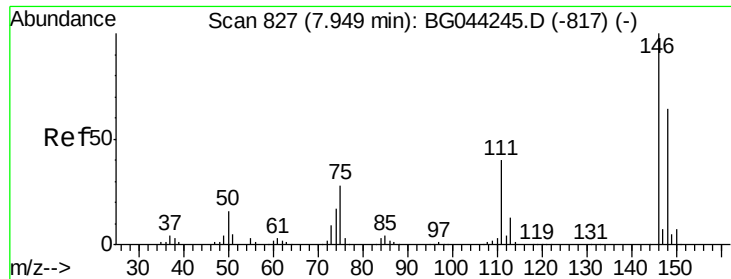
Tot Ion	93	Resp	196055
Ion Ratio	100	Lower	Upper
63	72.2	49.2	89.2
95	33.2	13.6	53.6



#12
 1,3-Dichlorobenzene
 Concen: 46.828 ng
 RT: 7.78 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Tgt Ion	146	Resp	224333
Ion Ratio	100	Lower	Upper
148	64.3	51.8	77.8
75	27.7	23.7	35.5





#13

1,4-Dichlorobenzene

Concen: 47.305 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MS

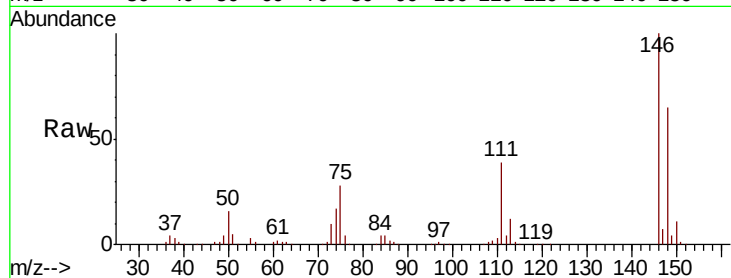
Tot Ion:146 Resp: 224452

Ion Ratio Lower Upper

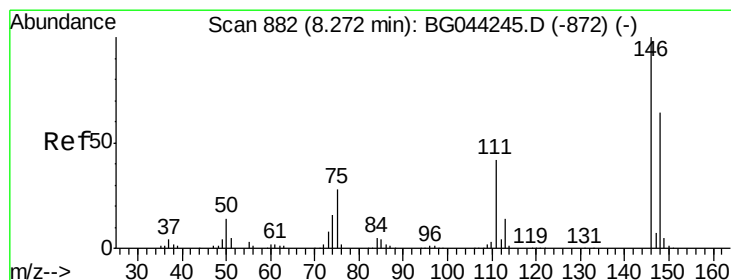
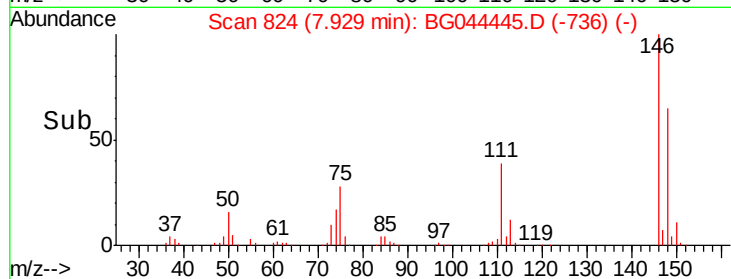
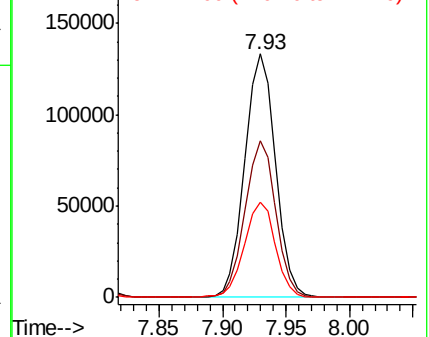
146 100

148 64.5 51.4 77.0

111 39.1 31.8 47.8



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



#14

1,2-Dichlorobenzene

Concen: 47.398 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

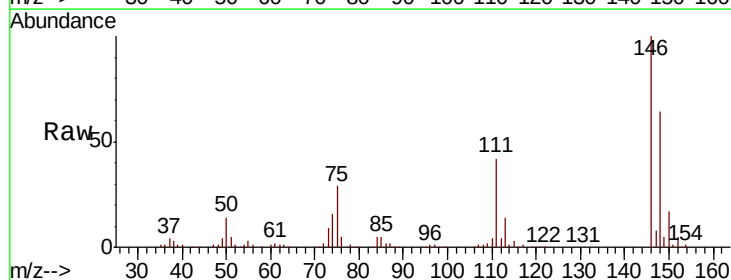
Tgt Ion:146 Resp: 212569

Ion Ratio Lower Upper

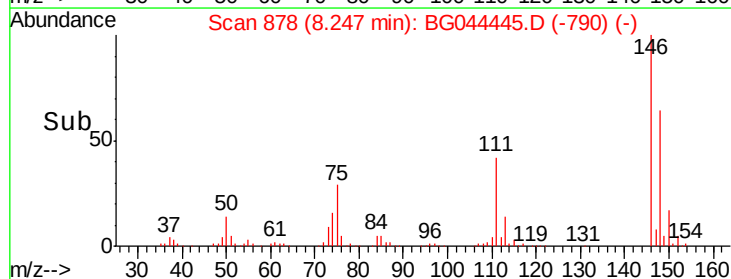
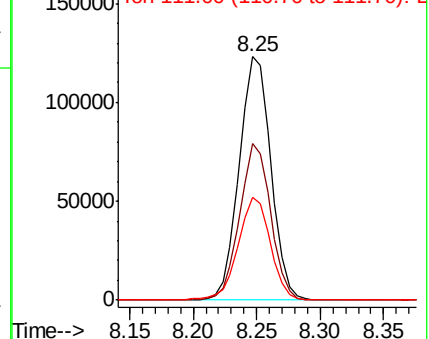
146 100

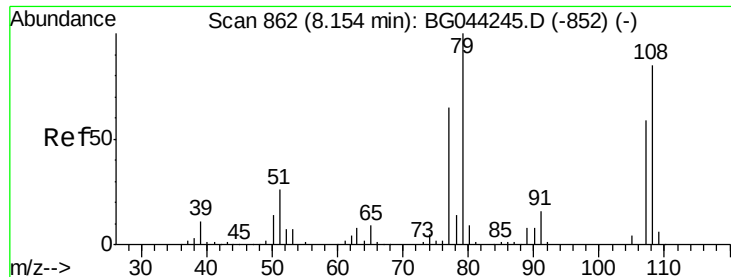
148 64.3 51.2 76.8

111 42.2 34.0 51.0



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





#15

Benzyl Alcohol

Concen: 49.771 ng

RT: 8.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MS

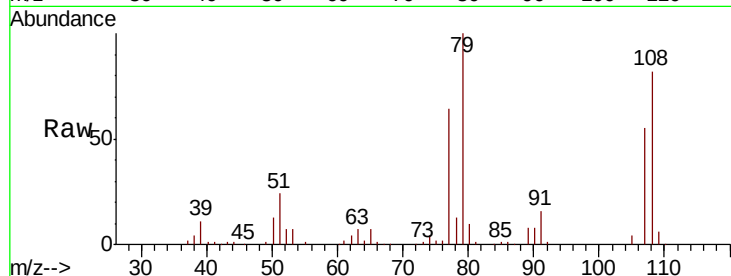
Tot Ion: 79 Resp: 172748

Ion Ratio Lower Upper

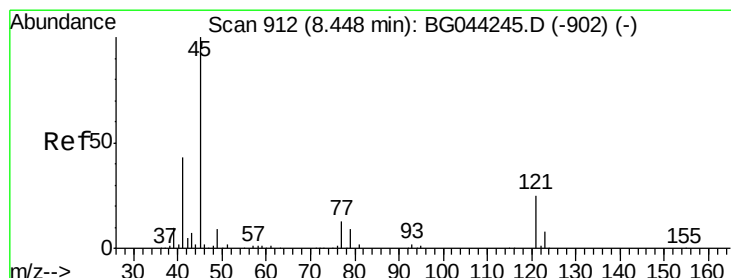
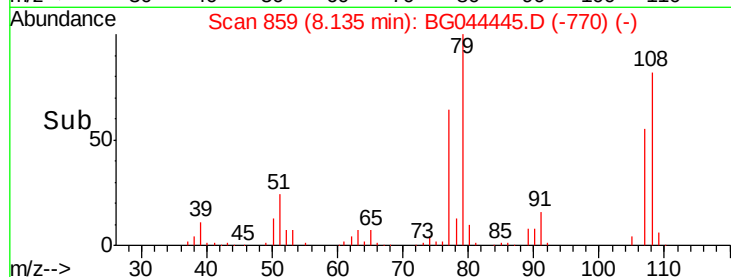
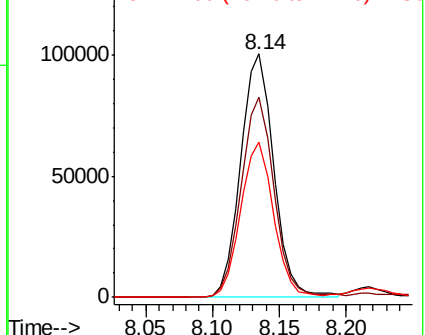
79 100

108 82.1 68.3 102.5

77 64.0 51.8 77.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.314 ng

RT: 8.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

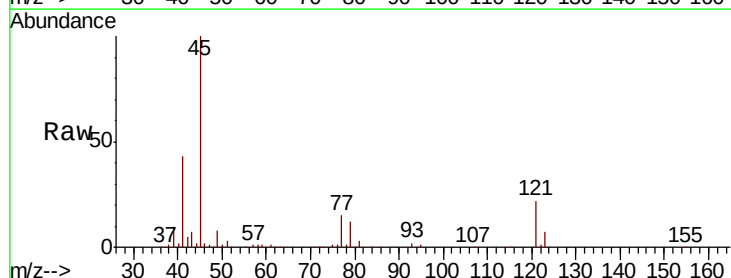
Tgt Ion: 45 Resp: 254403

Ion Ratio Lower Upper

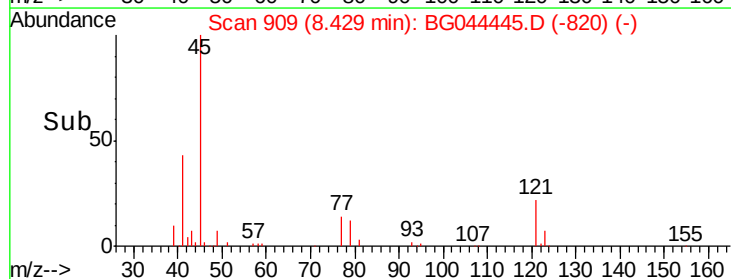
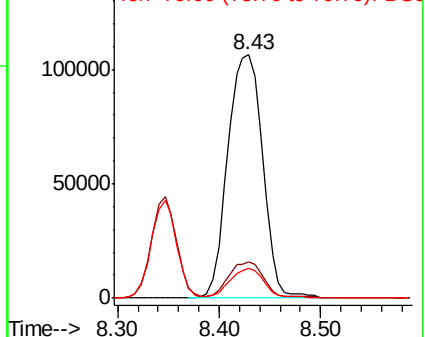
45 100

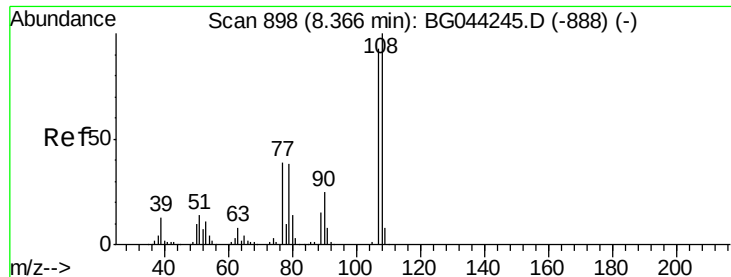
77 15.0 0.0 35.2

79 12.0 0.0 31.1



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

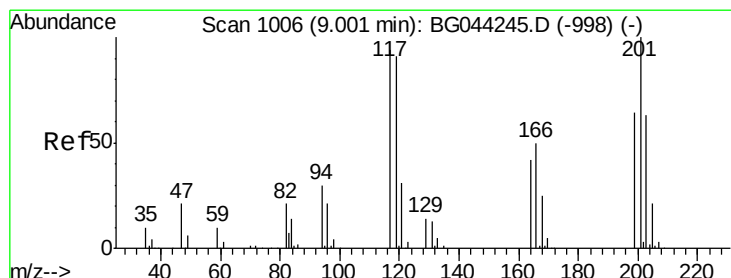
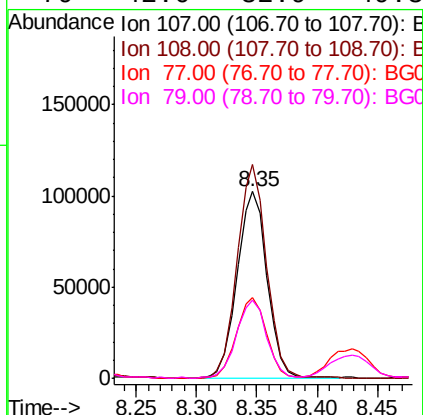
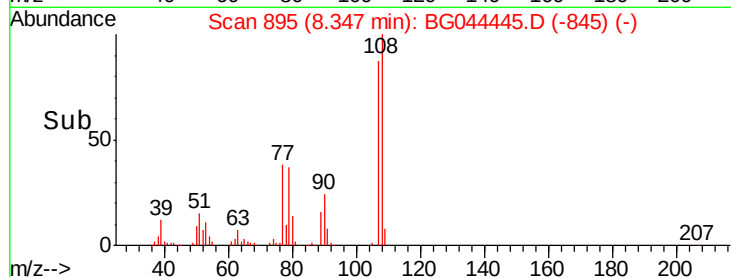
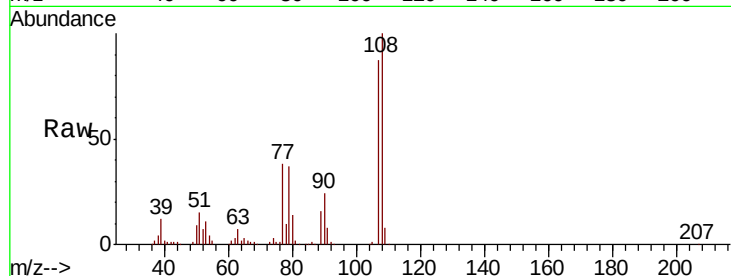




#17
2-Methylphenol
Concen: 51.477 ng
RT: 8.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

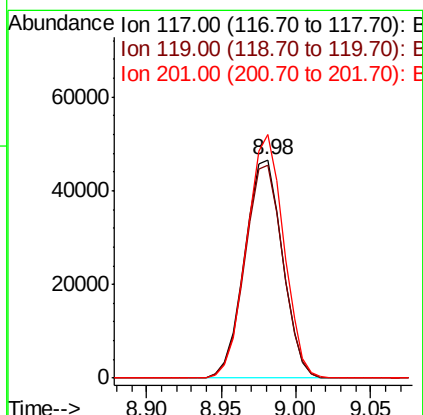
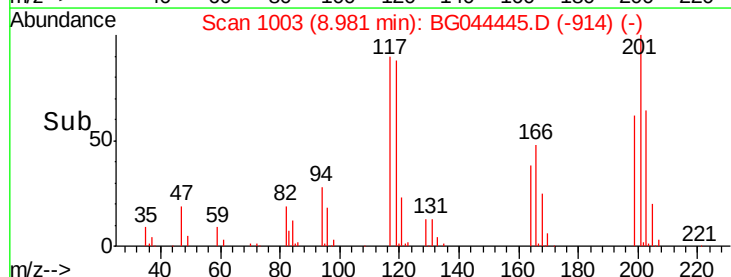
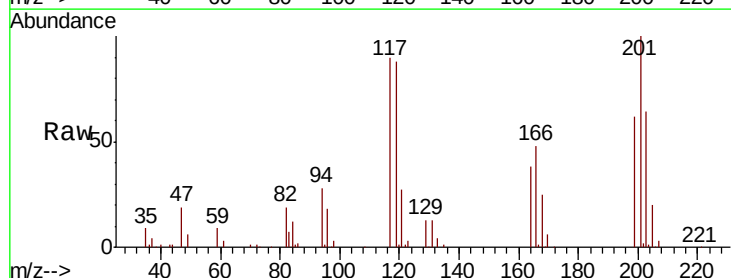
Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

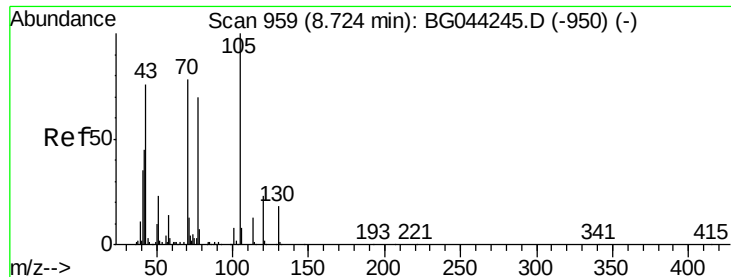
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.4	86.4	129.6
77	43.4	34.0	51.0
79	42.0	32.9	49.3



#18
Hexachloroethane
Concen: 45.859 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.5	116.3
201	111.6	84.9	127.3





#19

n-Nitroso-di-n-propylamine

Concen: 46.913 ng

RT: 8.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MS

Tot Ion: 70 Resp: 153279

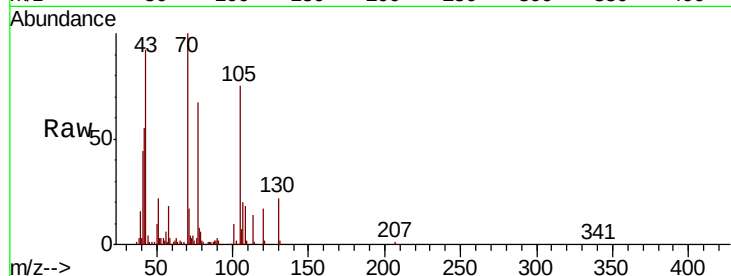
Ion Ratio Lower Upper

70 100

42 55.1 46.2 69.2

101 10.2 8.4 12.6

130 22.0 17.8 26.8

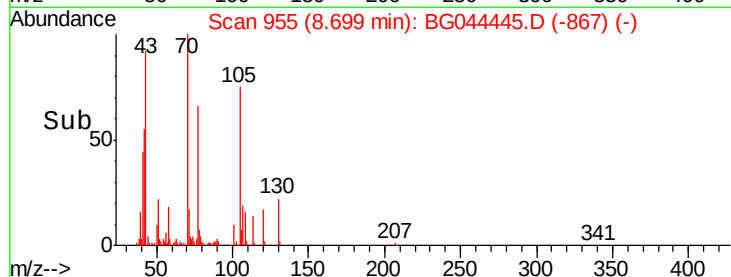
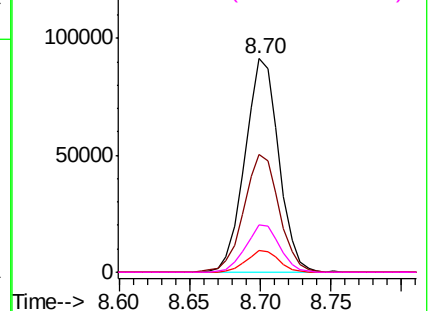


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 51.254 ng

RT: 8.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Tgt Ion:107 Resp: 244518

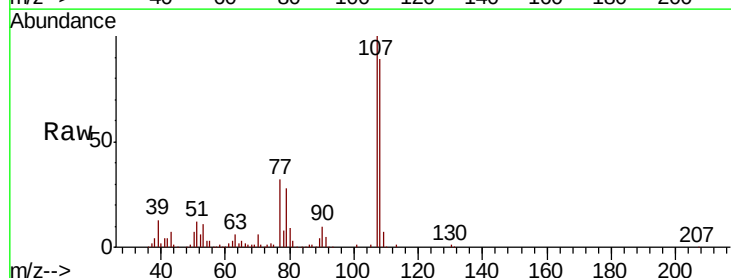
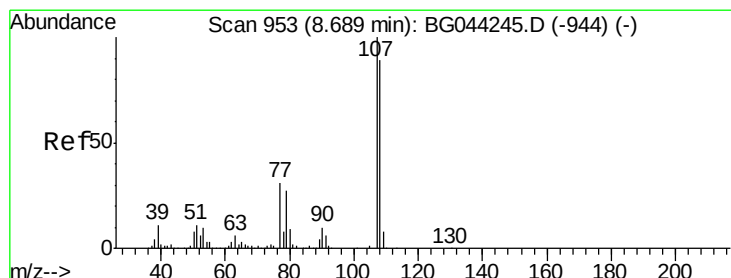
Ion Ratio Lower Upper

107 100

108 89.5 68.5 108.5

77 32.0 10.9 50.9

79 28.0 7.1 47.1

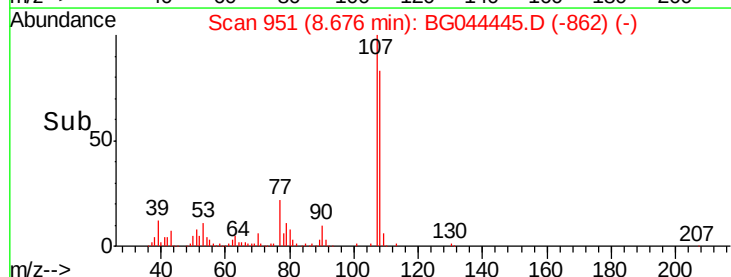
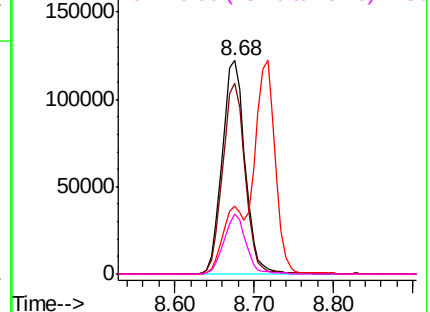


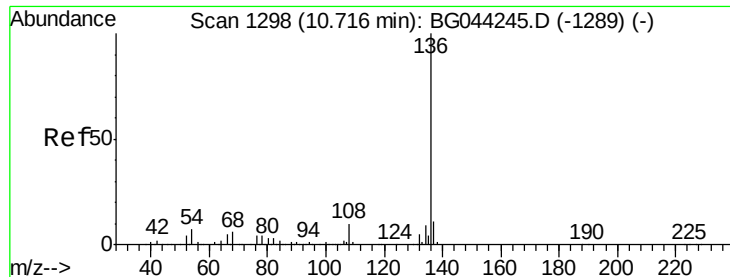
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

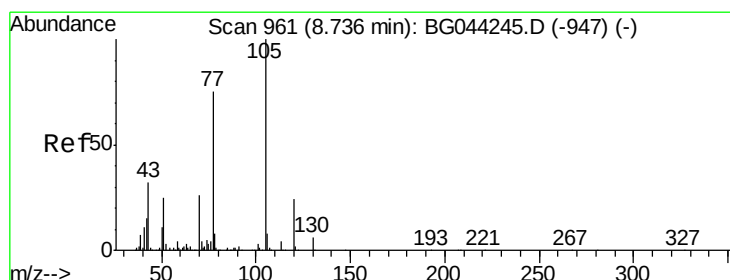
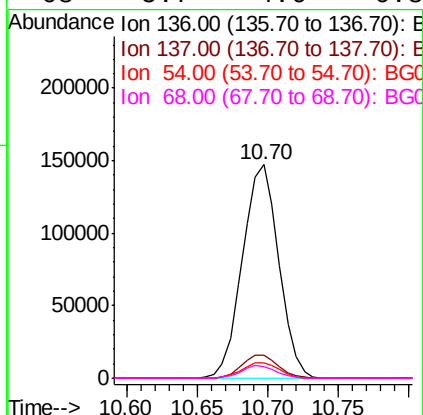
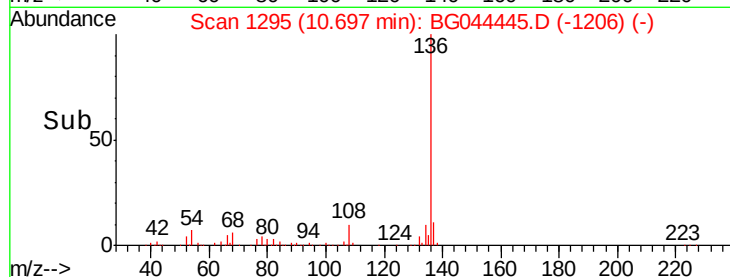
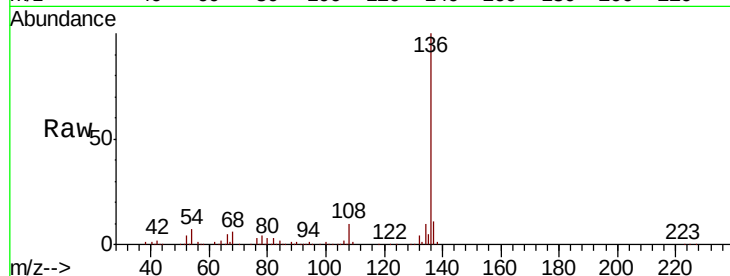




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

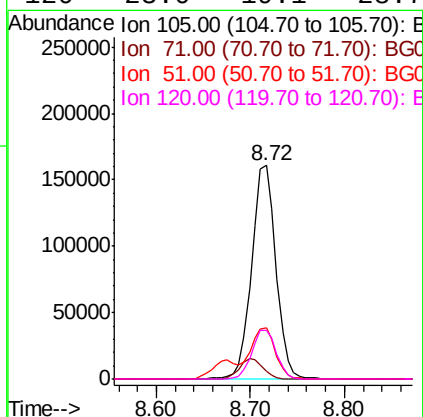
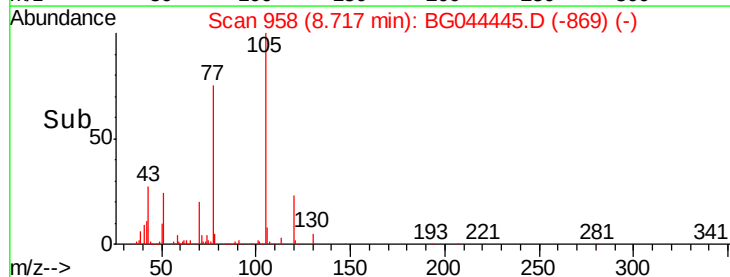
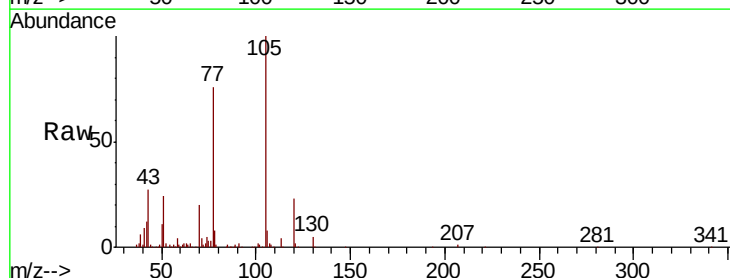
Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

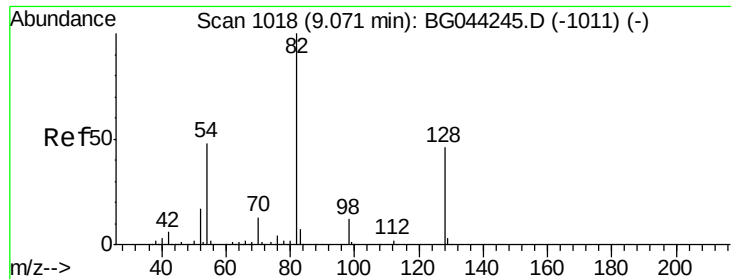
Tot Ion:136	Resp: 265347
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 7.4	5.8 8.8
68 5.7	4.6 6.8



#22
Acetophenone
Concen: 44.528 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt	Ion:105	Resp:	287430
Ion	Ratio	Lower	Upper
105	100		
71	3.5	3.4	5.0
51	24.2	20.2	30.4
120	23.0	19.1	28.7

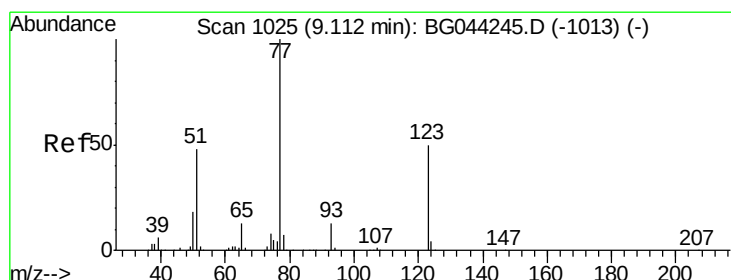
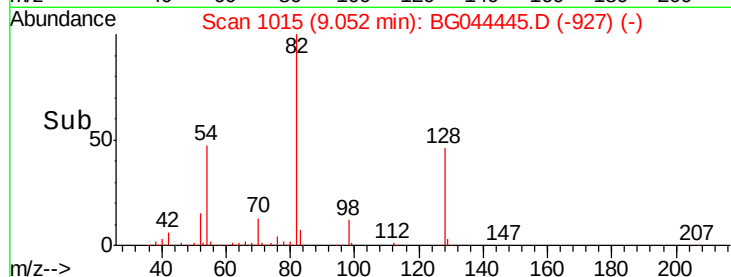
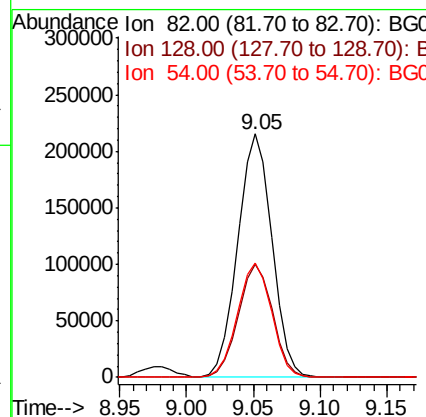
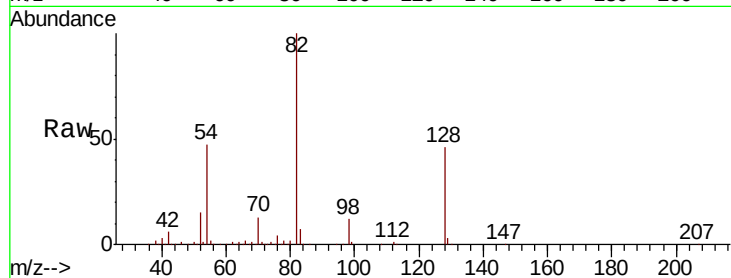




#23
Nitrobenzene-d5
Concen: 81.227 ng
RT: 9.05 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

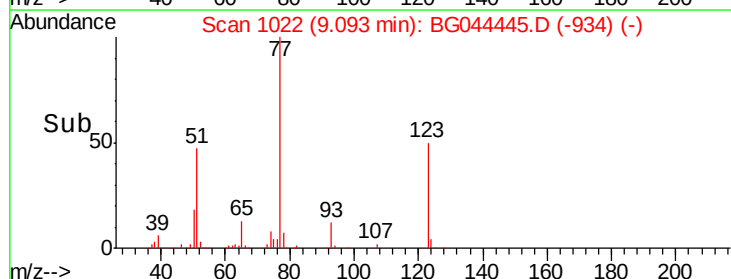
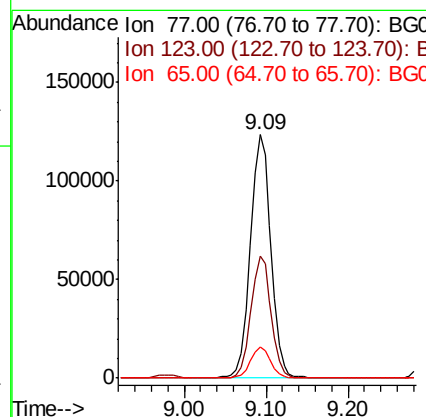
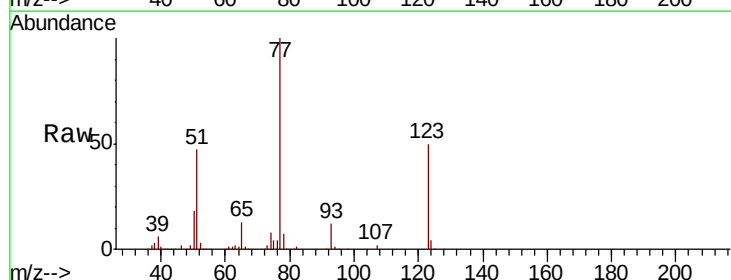
Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

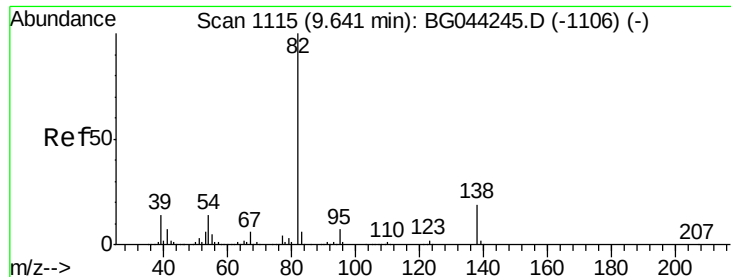
Tot Ion	82	Resp	381772
Ion Ratio	100	Lower	Upper
128	46.2	36.5	54.7
54	46.8	38.6	58.0



#24
Nitrobenzene
Concen: 46.964 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion	77	Resp	215493
Ion Ratio	100	Lower	Upper
123	49.9	39.9	59.9
65	13.0	10.4	15.6





#25

Isophorone

Concen: 48.125 ng

RT: 9.62 min Scan# 1111

Delta R.T. -0.02 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MS

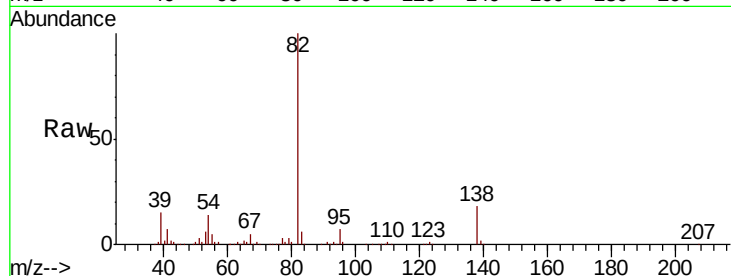
Tot Ion: 82 Resp: 421592

Ion Ratio Lower Upper

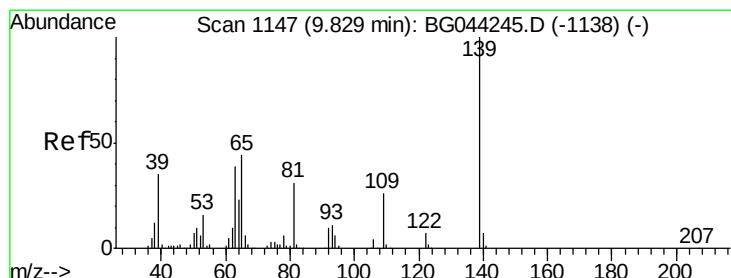
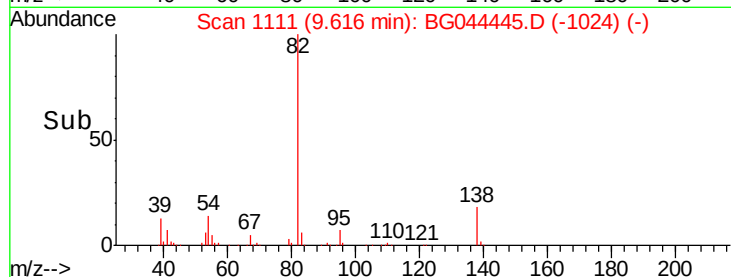
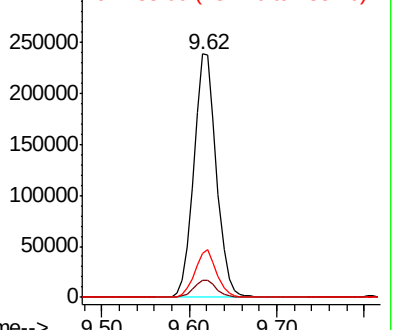
82 100

95 6.7 5.7 8.5

138 18.1 15.0 22.4



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



#26

2-Nitrophenol

Concen: 50.770 ng

RT: 9.81 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

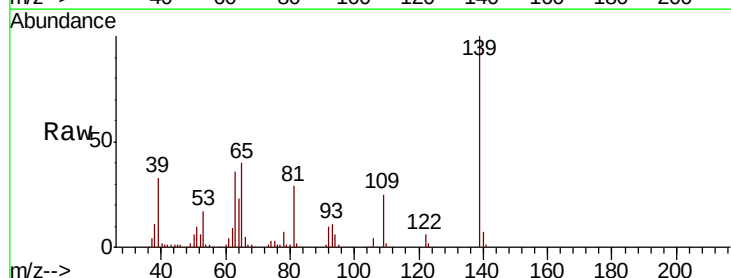
Tgt Ion: 139 Resp: 120876

Ion Ratio Lower Upper

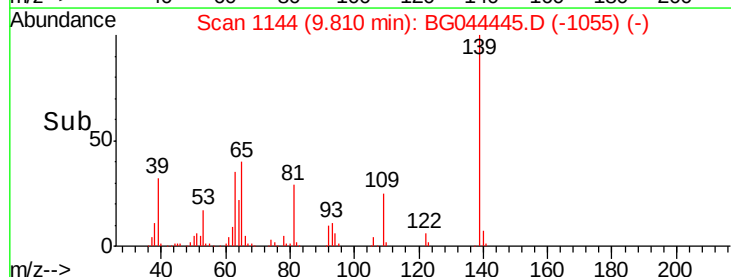
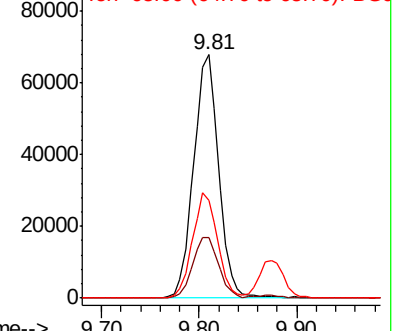
139 100

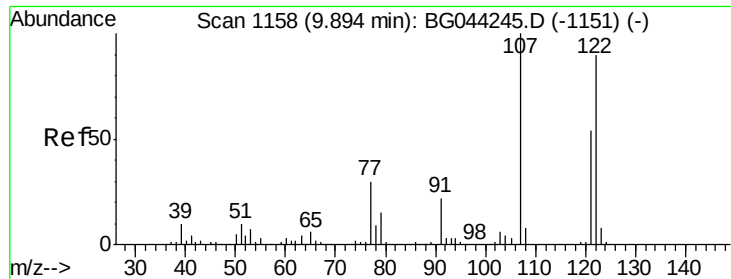
109 25.0 21.0 31.4

65 40.3 35.0 52.4



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

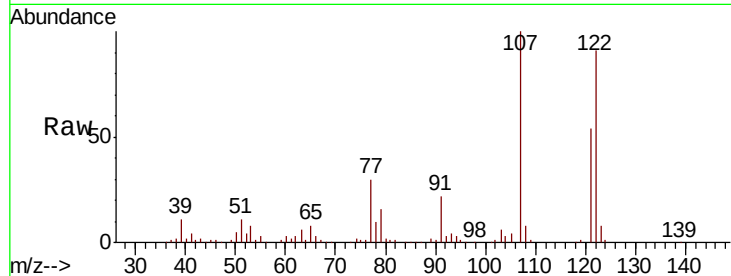




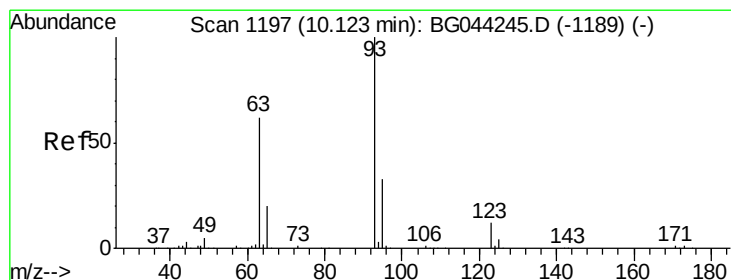
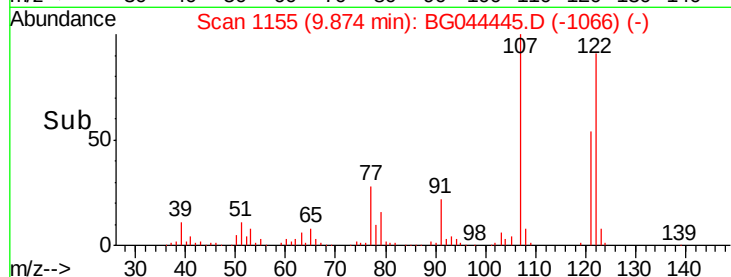
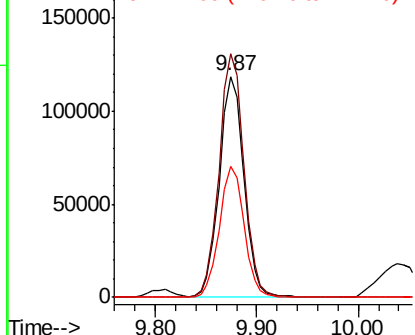
#27
2,4-Dimethylphenol
Concen: 59.653 ng
RT: 9.87 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

Tot Ion:122 Resp: 200484
Ion Ratio Lower Upper
122 100
107 110.3 88.8 133.2
121 59.6 48.3 72.5

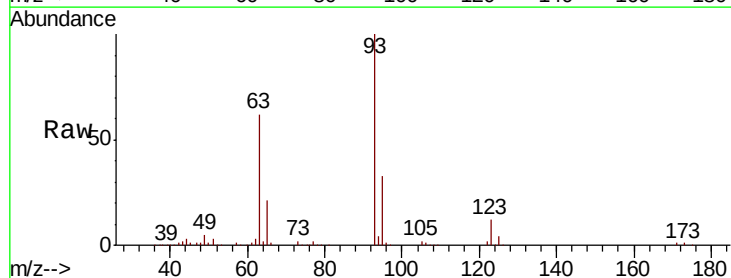


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

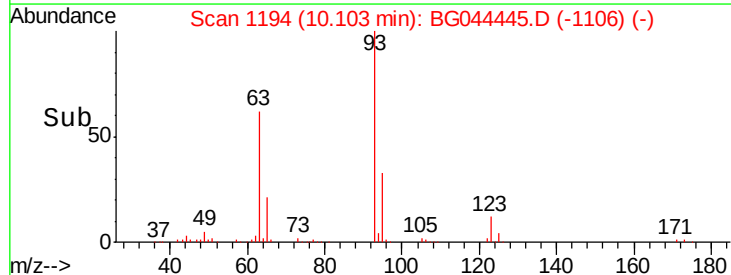
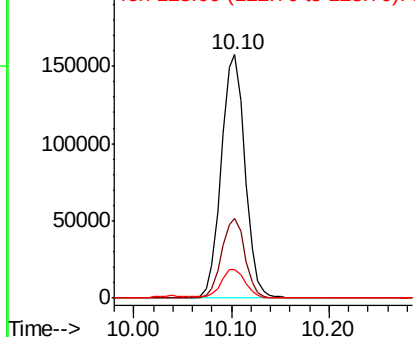


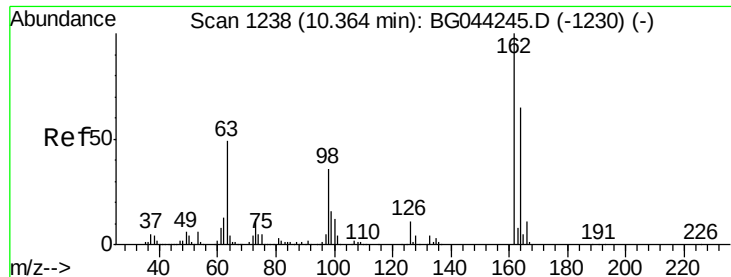
#28
bis(2-Chloroethoxy)methane
Concen: 45.507 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion: 93 Resp: 265943
Ion Ratio Lower Upper
93 100
95 32.7 26.6 40.0
123 11.9 10.0 15.0



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

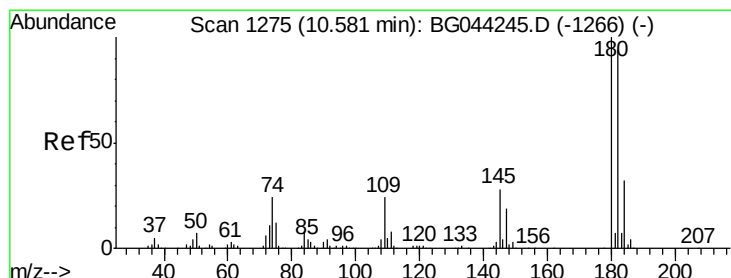
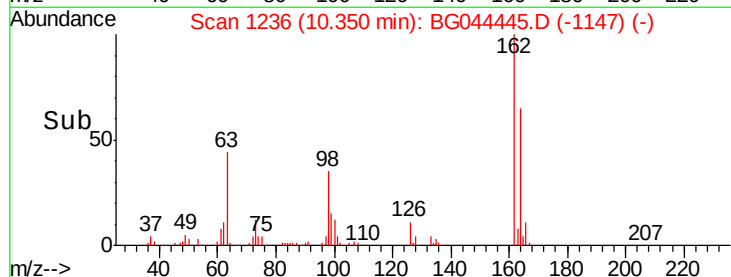
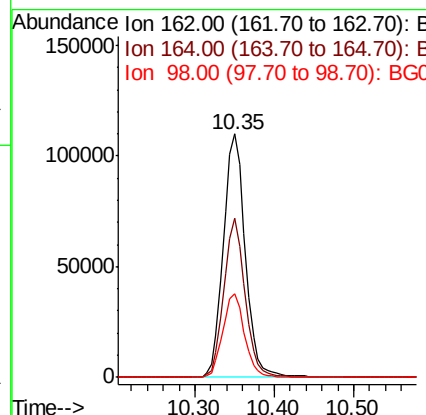
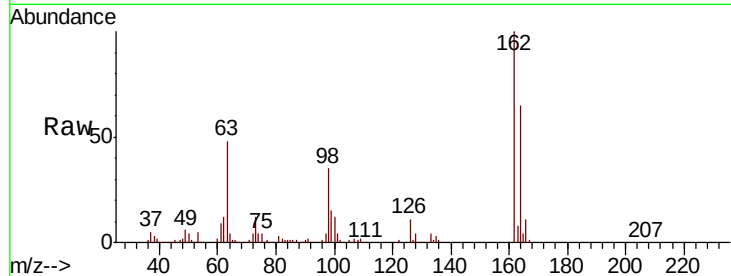




#29
 2,4-Dichlorophenol
 Concen: 51.889 ng
 RT: 10.35 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

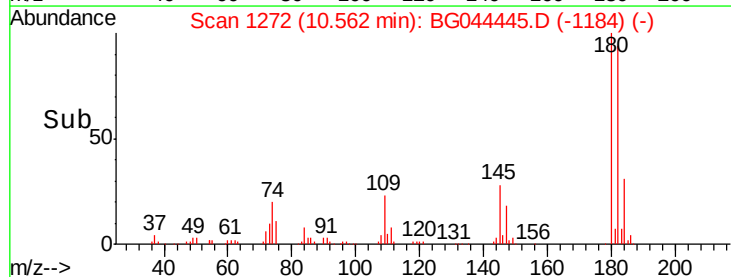
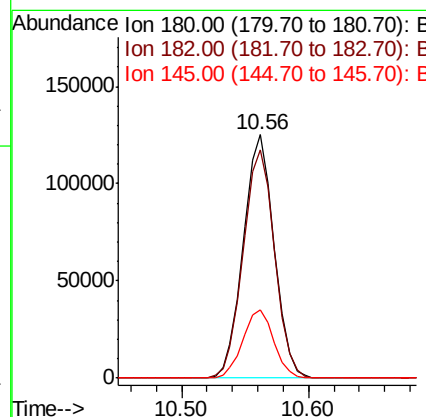
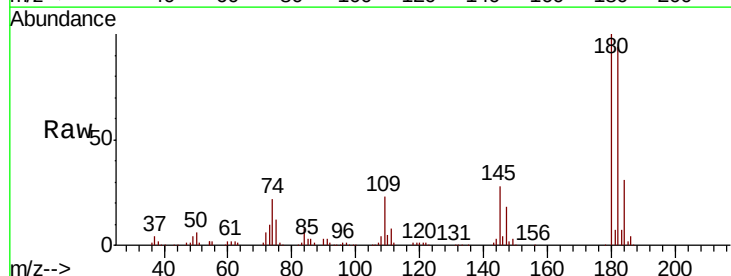
Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MS

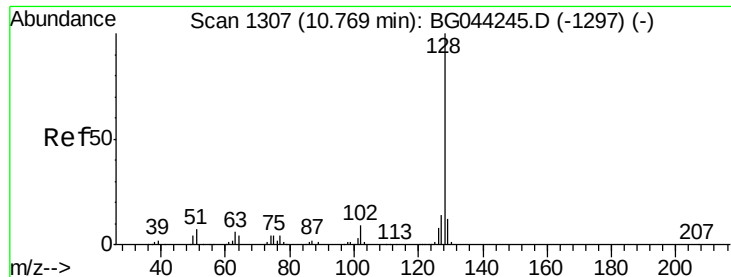
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.7	84.7
98	34.5	15.8	55.8



#30
 1,2,4-Trichlorobenzene
 Concen: 45.278 ng
 RT: 10.56 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.5	113.3
145	27.9	22.6	34.0

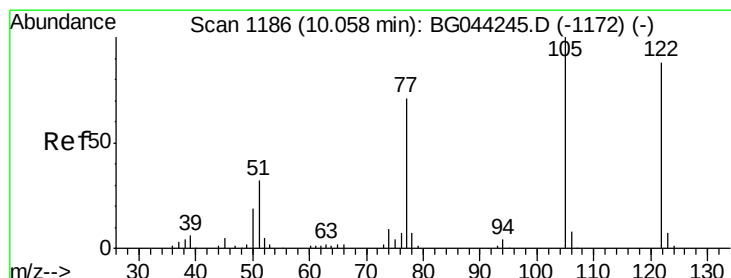
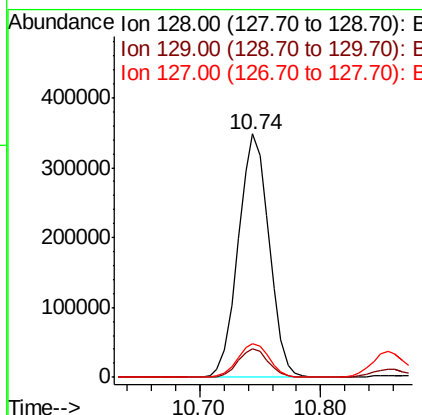
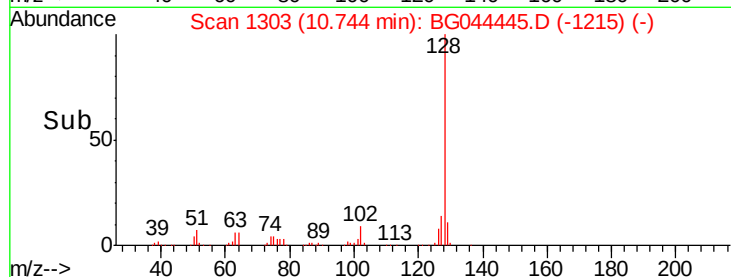
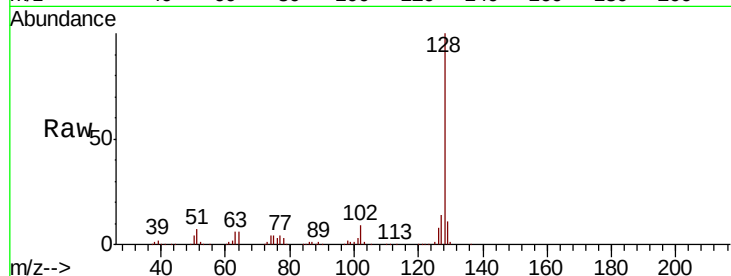




#31
Naphthalene
Concen: 48.171 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

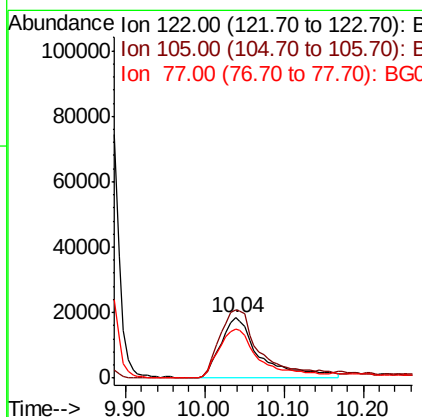
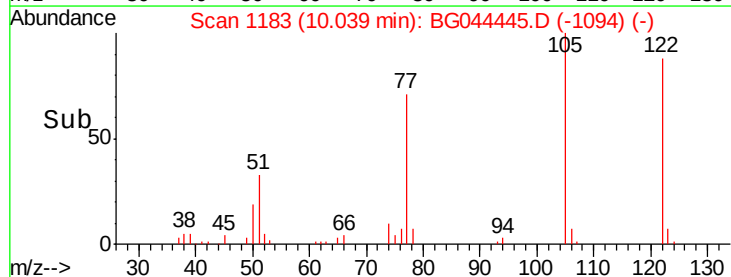
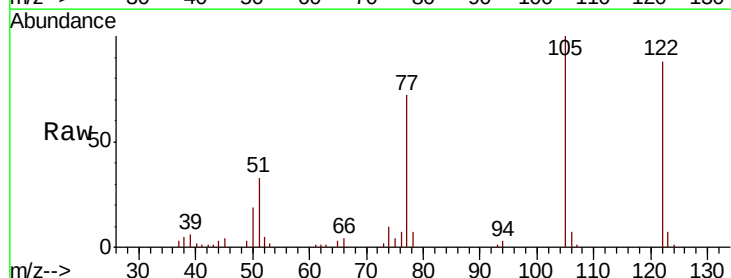
Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

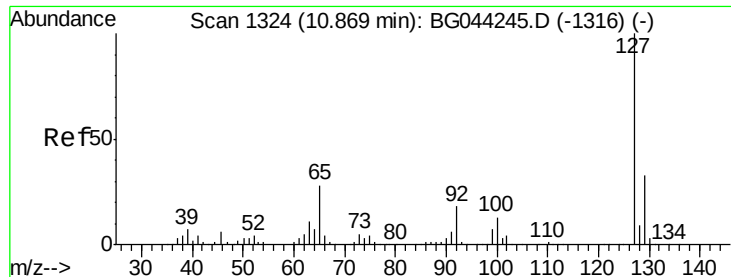
Tot Ion:128 Resp: 620145
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.9 11.6 17.4



#32
Benzoic acid
Concen: 34.596 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion:122 Resp: 64158
Ion Ratio Lower Upper
122 100
105 114.2 93.5 133.5
77 81.7 61.0 101.0

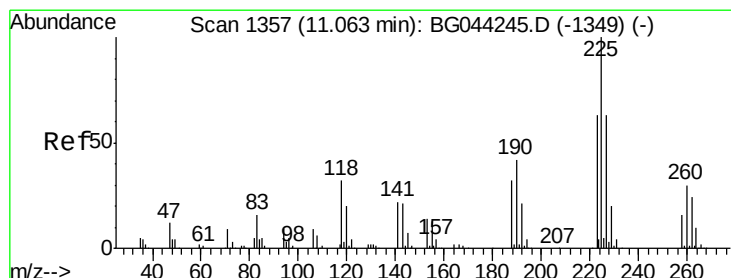
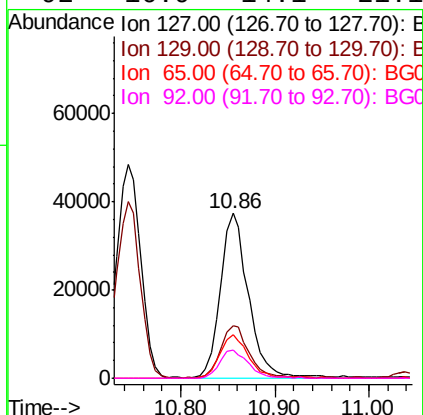
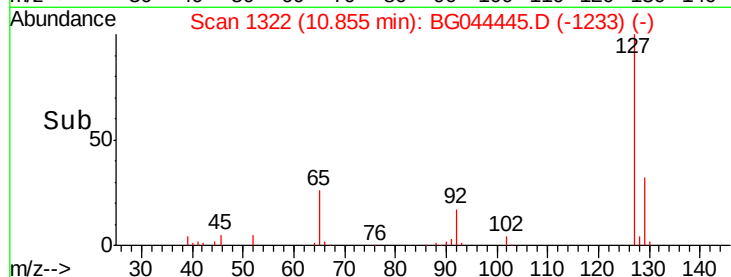
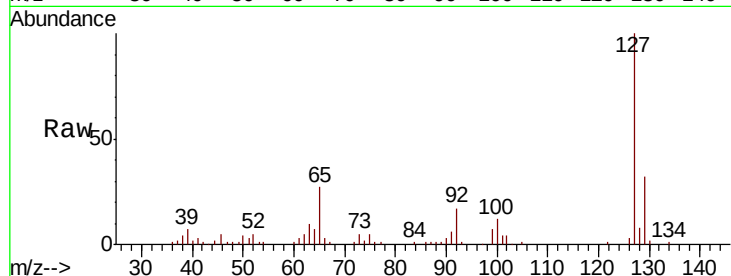




#33
4-Chloroaniline
Concen: 13.368 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

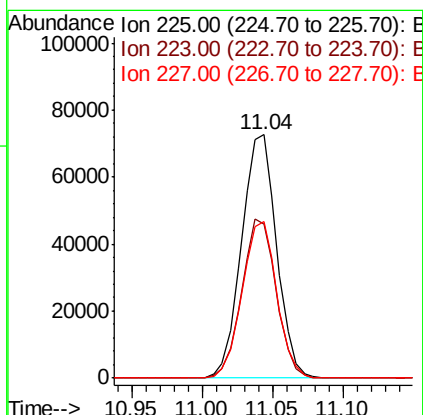
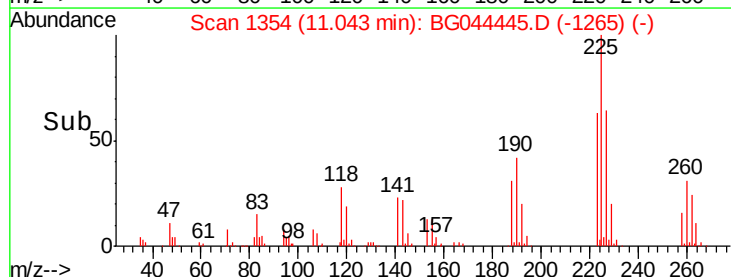
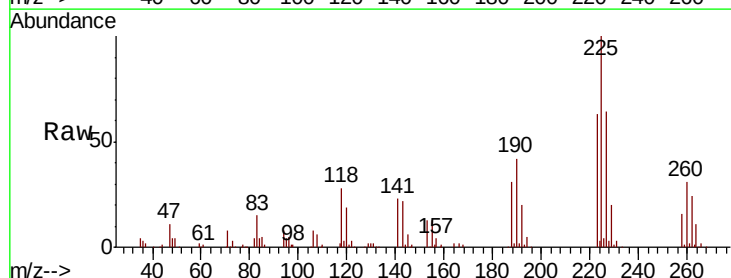
Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

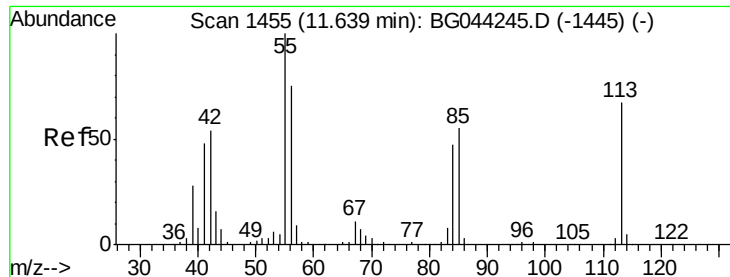
Tot Ion:	127	Resp:	78268
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.6	40.0
65	26.6	22.5	33.7
92	16.9	14.1	21.1



#34
Hexachlorobutadiene
Concen: 44.002 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion:	225	Resp:	126166
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.2	75.4
227	64.3	50.8	76.2





#35

Caprolactam

Concen: 27.863 ng

RT: 11.62 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MS

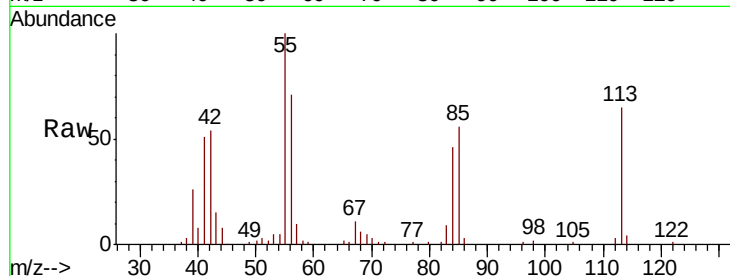
Tot Ion:113 Resp: 41479

Ion Ratio Lower Upper

113 100

55 155.0 129.9 169.9

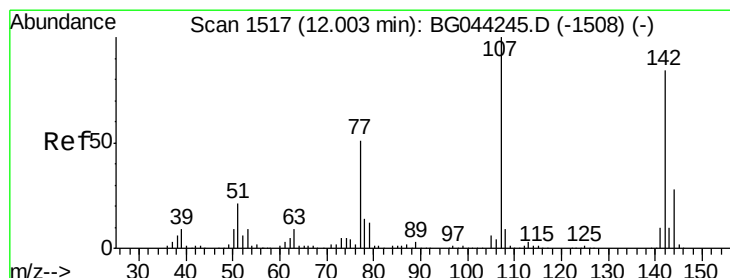
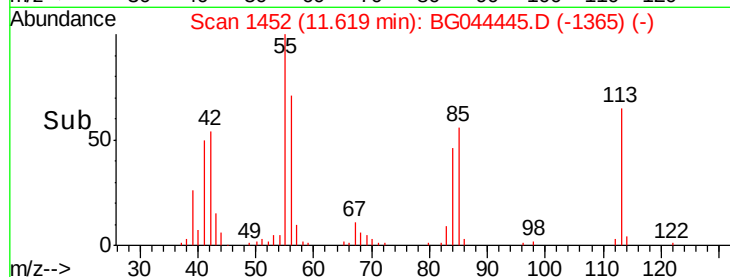
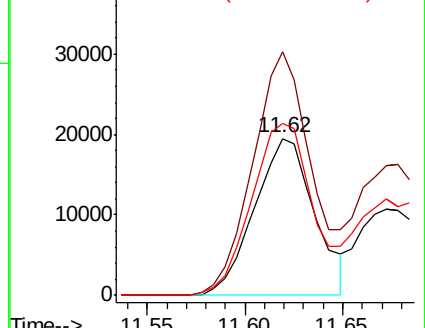
56 109.8 92.5 132.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 52.289 ng

RT: 11.99 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

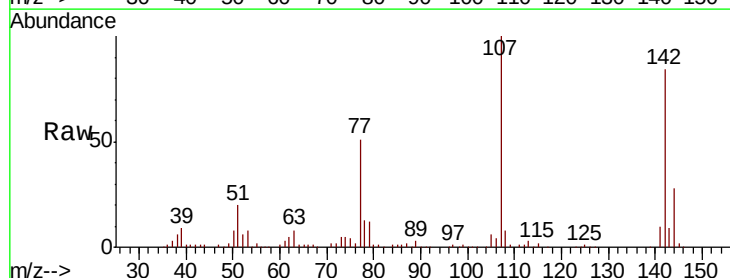
Tgt Ion:107 Resp: 222788

Ion Ratio Lower Upper

107 100

144 27.8 22.2 33.4

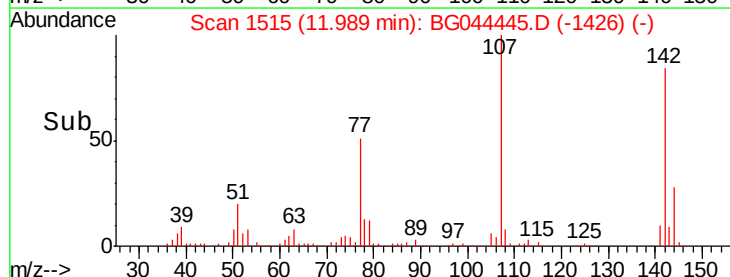
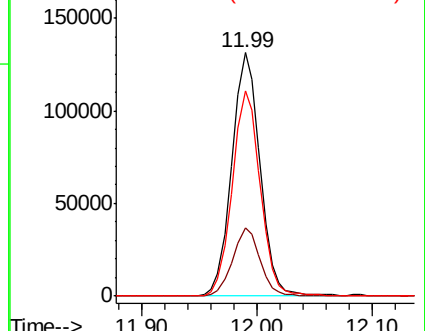
142 84.2 67.4 101.0

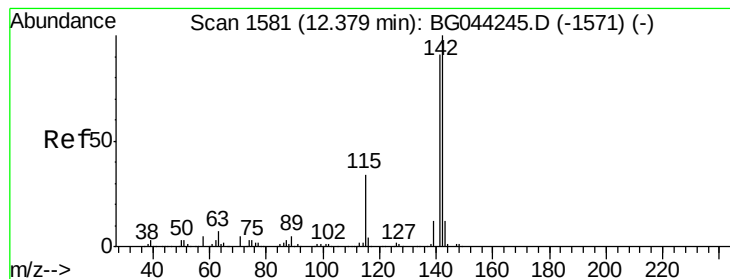


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.470 ng

RT: 12.35 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MS

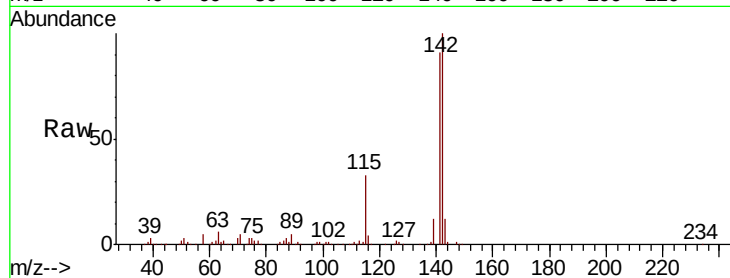
Tot Ion:142 Resp: 463303

Ion Ratio Lower Upper

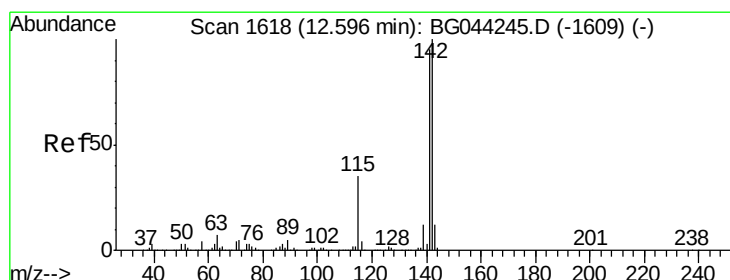
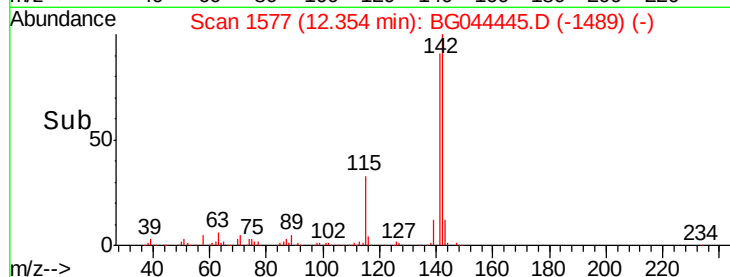
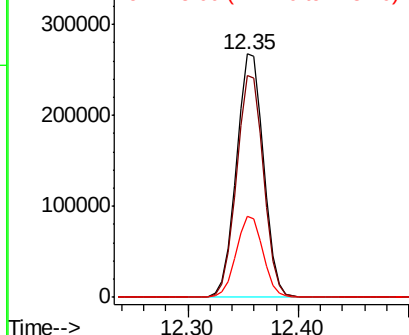
142 100

141 91.2 73.2 109.8

115 33.3 27.1 40.7



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



#38

1-Methylnaphthalene

Concen: 48.577 ng

RT: 12.58 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

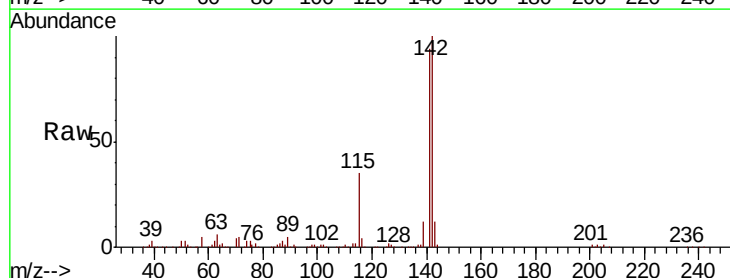
Tgt Ion:142 Resp: 437763

Ion Ratio Lower Upper

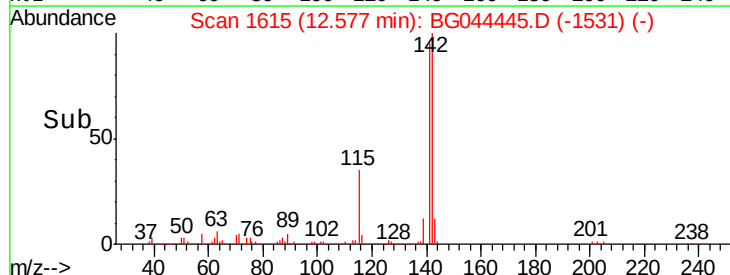
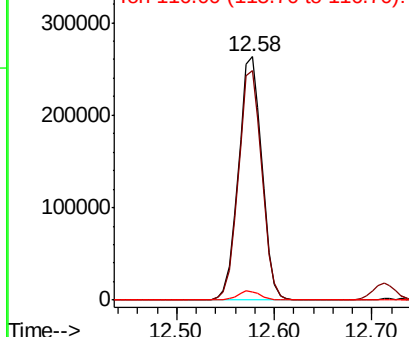
142 100

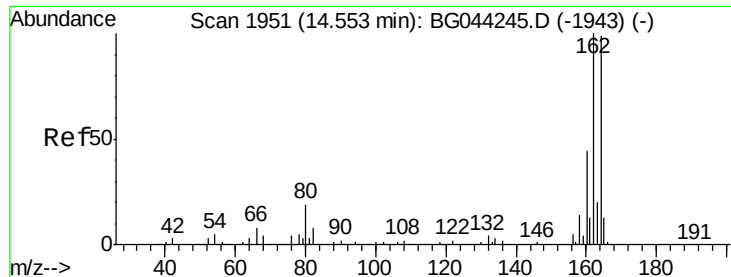
141 94.4 75.8 113.6

116 3.6 3.1 4.7



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.53 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MS

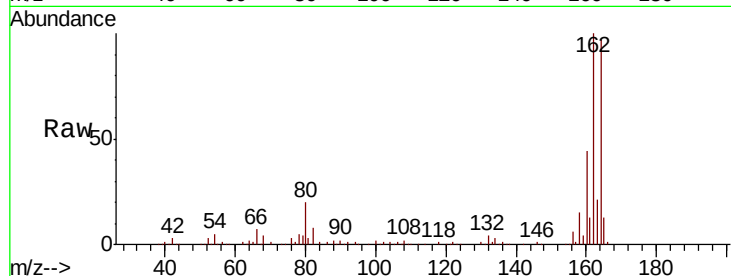
Tot Ion:164 Resp: 175290

Ion Ratio Lower Upper

164 100

162 102.7 80.7 121.1

160 45.1 35.3 52.9

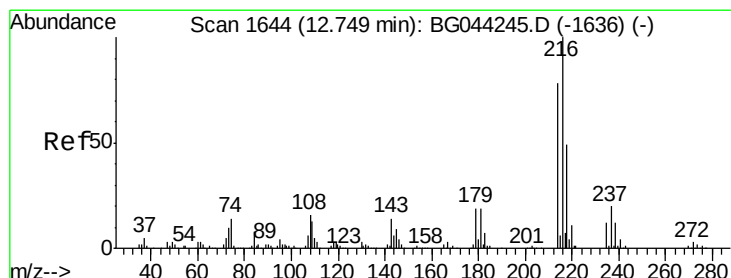
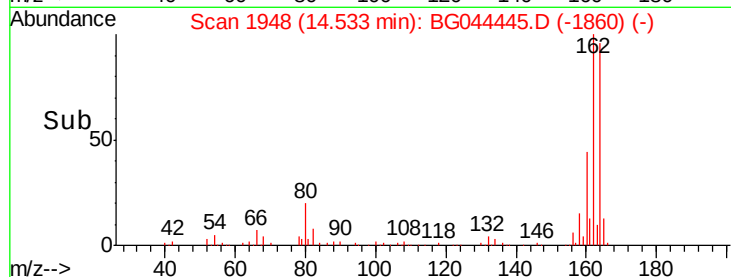
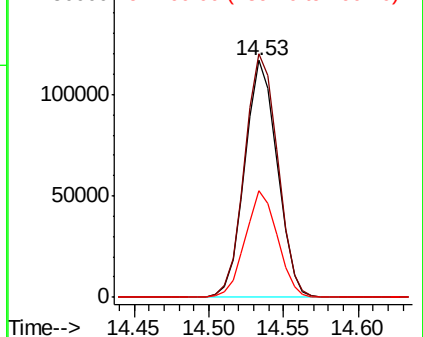


Abundance

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: 43.880 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Tgt Ion:216 Resp: 230086

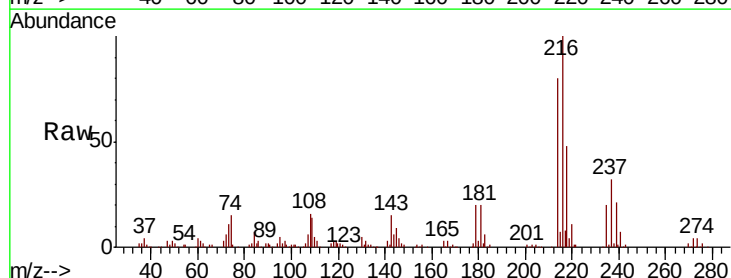
Ion Ratio Lower Upper

216 100

214 79.9 63.0 94.6

179 20.4 16.2 24.4

108 18.1 13.5 20.3



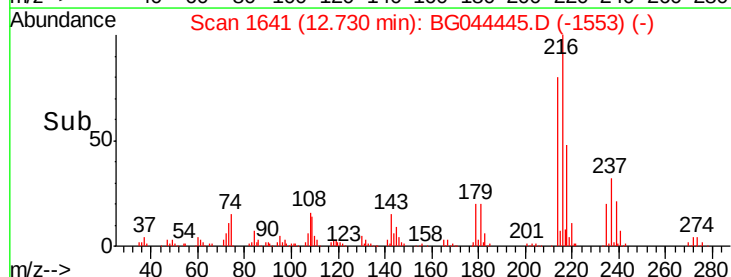
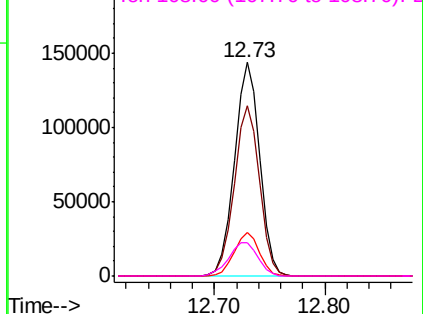
Abundance

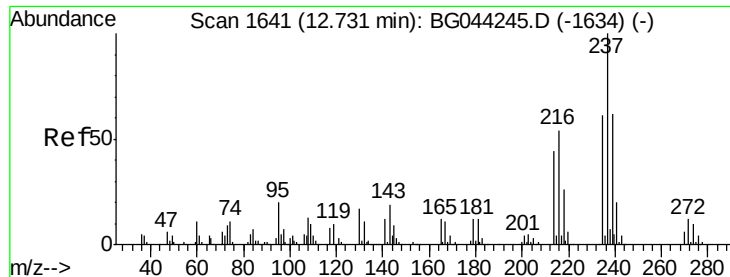
Ion 216.00 (215.70 to 216.70): E

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: 103.346 ng

RT: 12.71 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MS

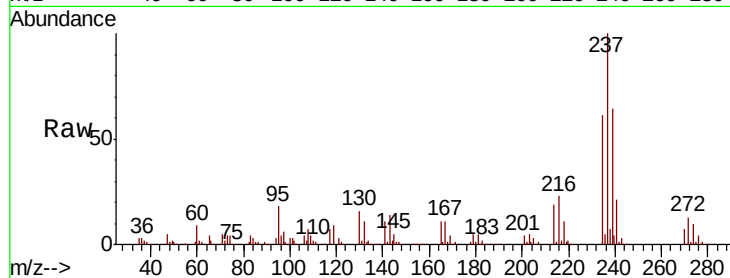
Tot Ion:237 Resp: 260017

Ion Ratio Lower Upper

237 100

235 61.3 41.2 81.2

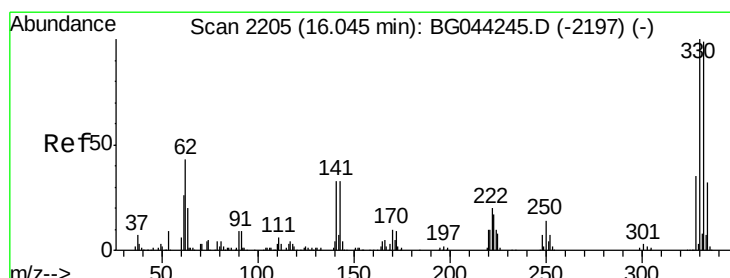
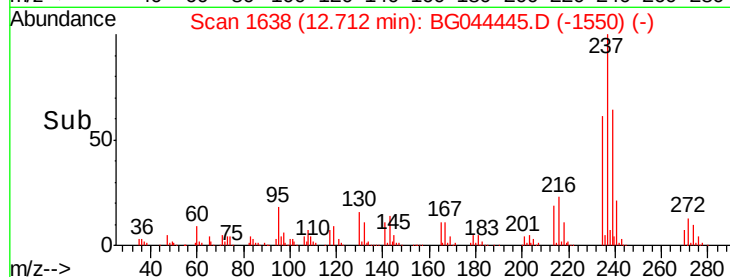
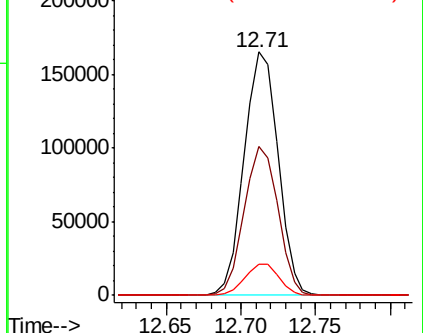
272 13.0 0.0 32.4



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: 133.404 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

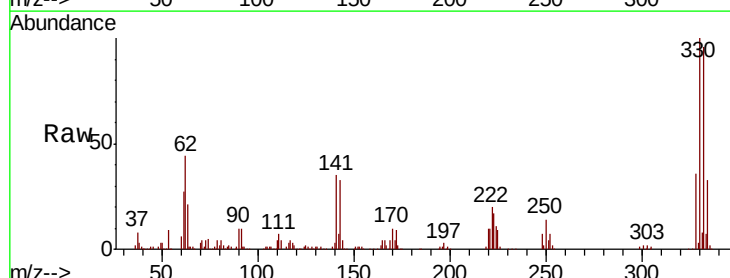
Tgt Ion:330 Resp: 274519

Ion Ratio Lower Upper

330 100

332 95.4 77.2 115.8

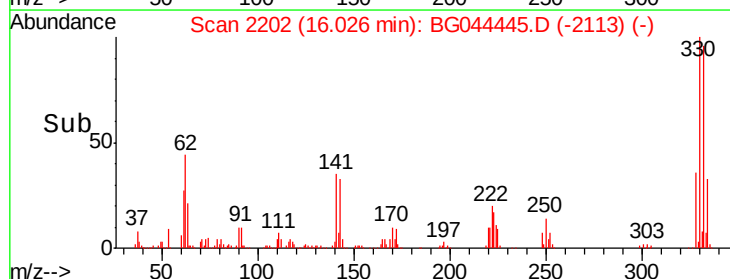
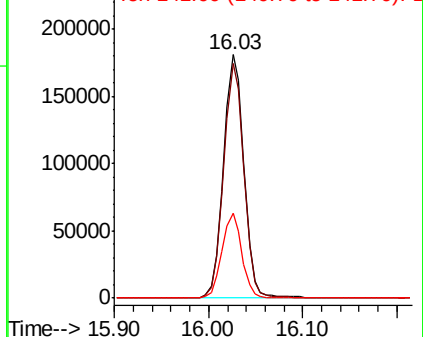
141 34.1 28.3 42.5

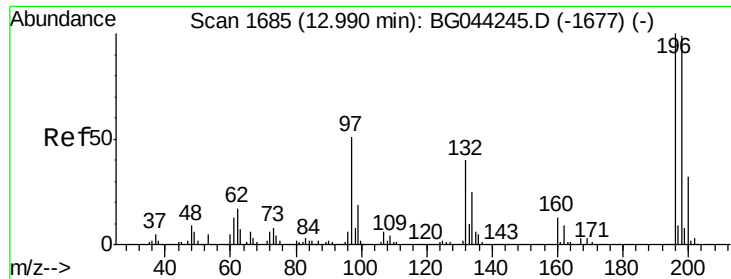


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

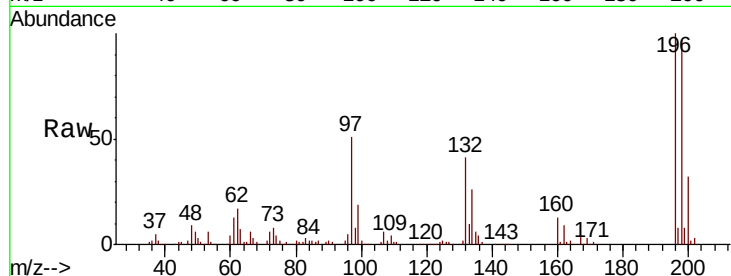




#43
 2,4,6-Trichlorophenol
 Concen: 49.429 ng
 RT: 12.97 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.1	79.3	118.9
200	32.0	25.7	38.5

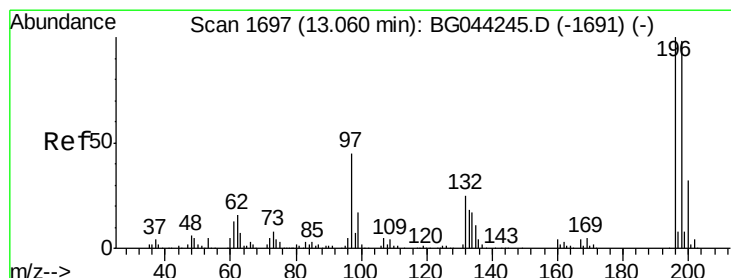
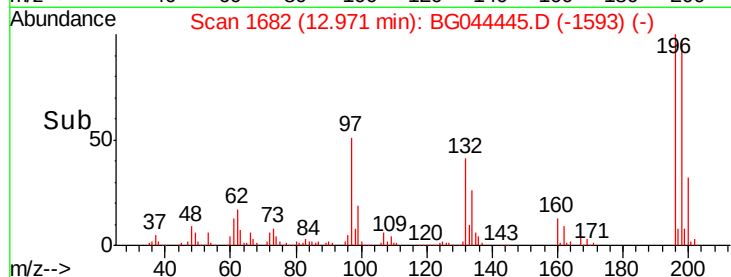
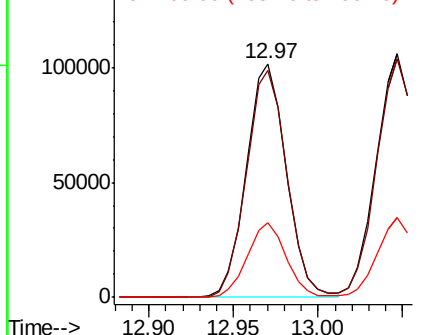


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 52.480 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.2	78.2	117.2
97	44.7	36.2	54.4
132	26.3	20.2	30.4

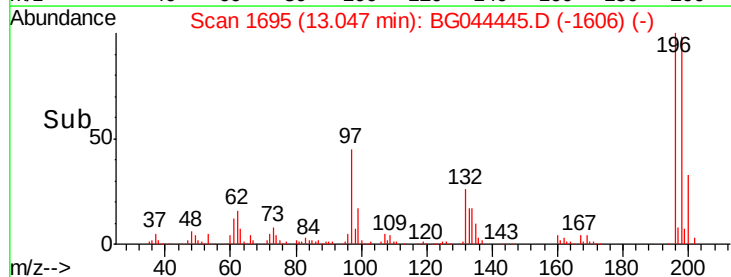
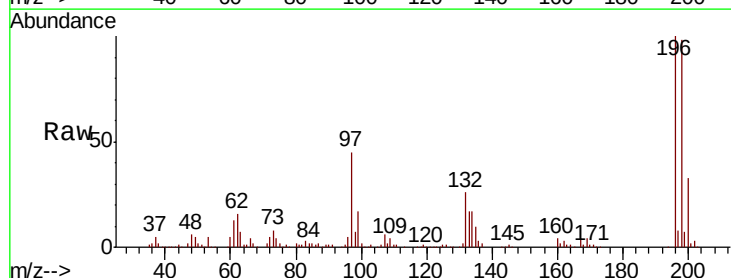
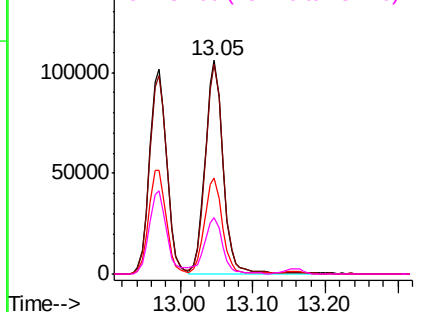
Abundance

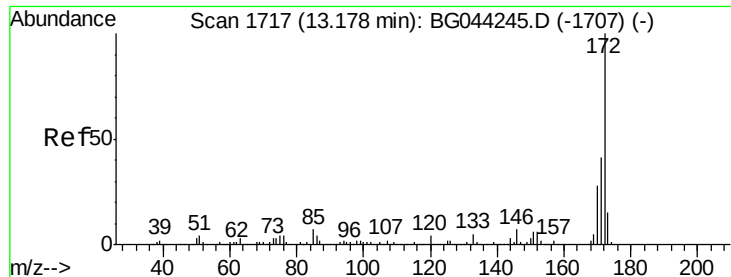
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

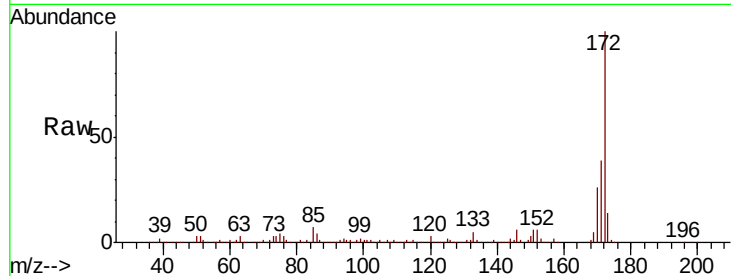




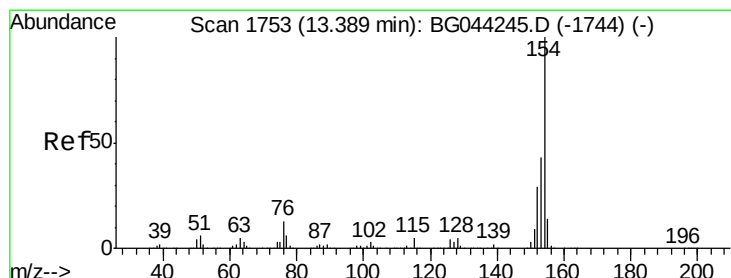
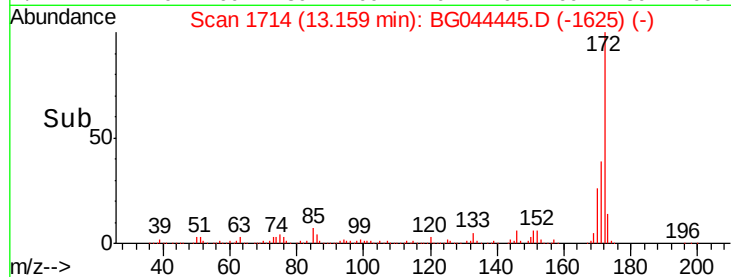
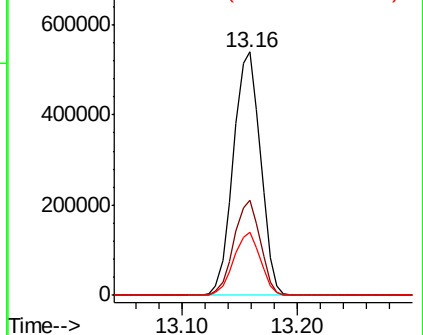
#45
2-Fluorobiphenyl
Concen: 84.192 ng
RT: 13.16 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.3	32.9	49.3
170	25.9	22.0	33.0

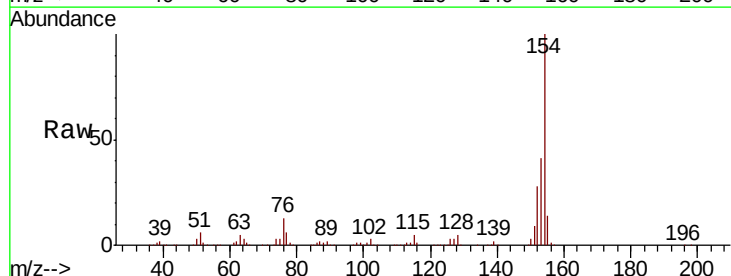


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

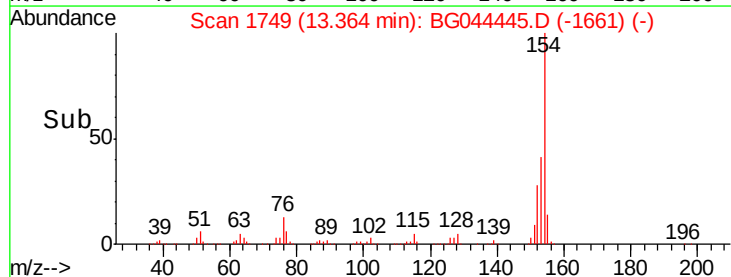
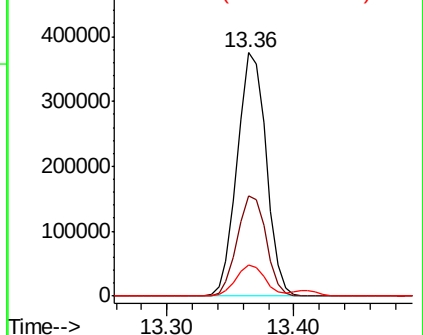


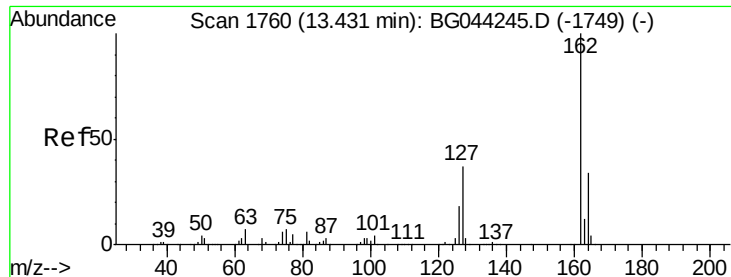
#46
1,1'-Biphenyl
Concen: 47.065 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	22.7	62.7
76	12.8	0.0	32.9



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

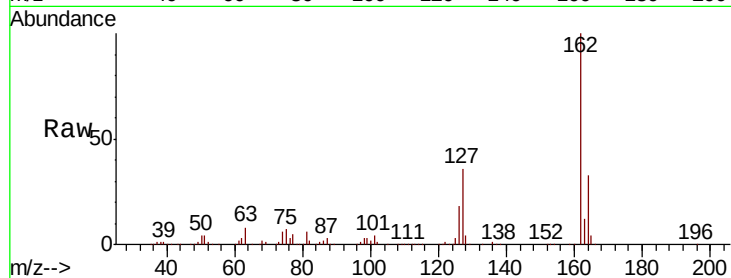




#47
2-Chloronaphthalene
Concen: 46.269 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.4	30.0	45.0
164	33.4	27.2	40.8

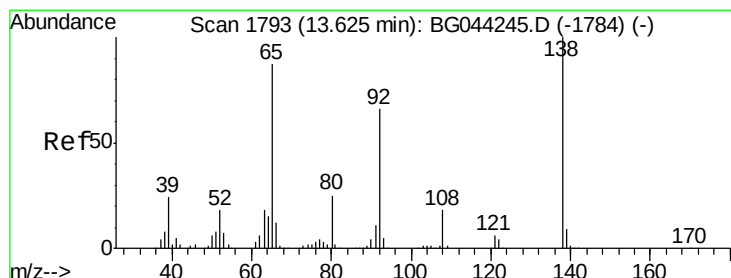
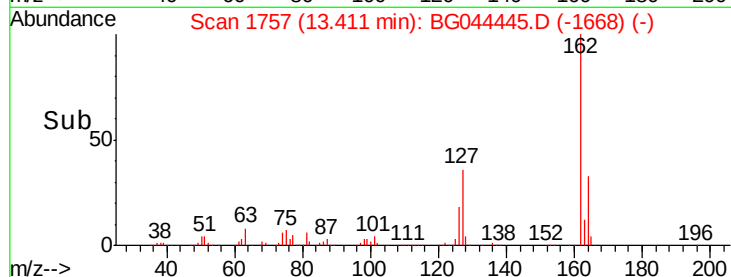
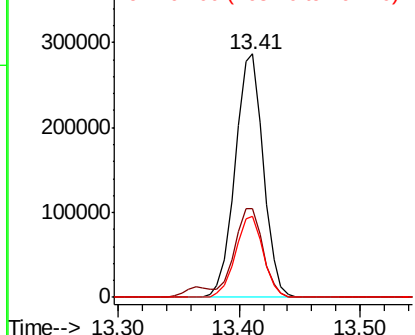


Abundance

Ion 162.00 (161.70 to 162.70): E

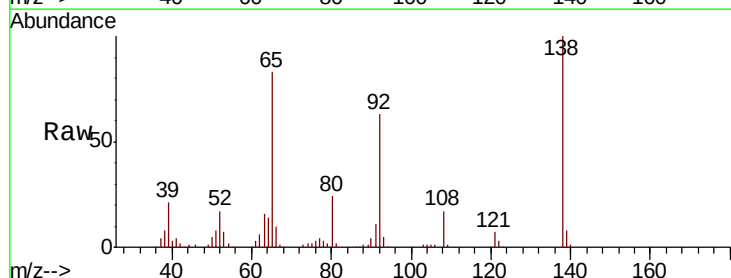
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 46.672 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.2	60.3	90.5
138	120.0	91.9	137.9

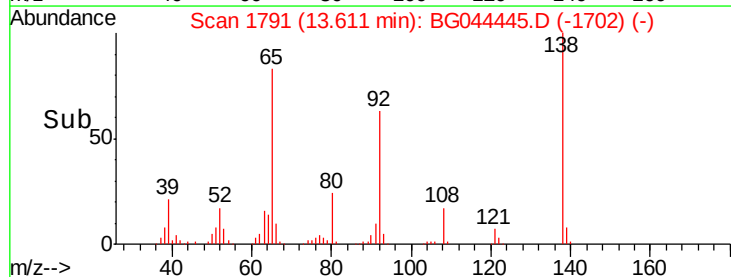
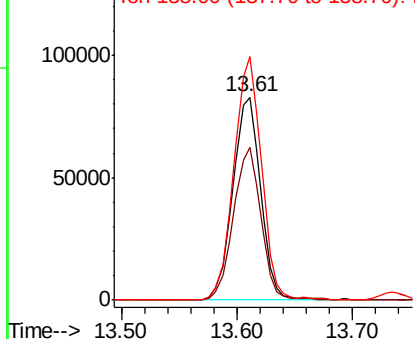


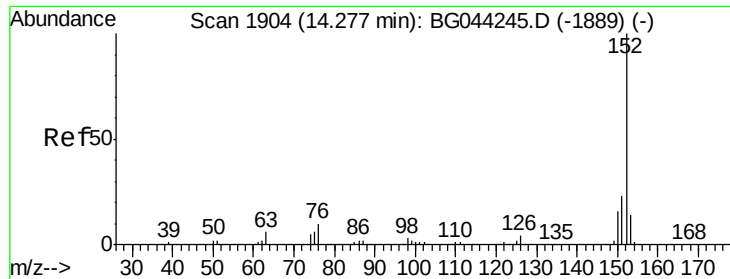
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 50.302 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MS

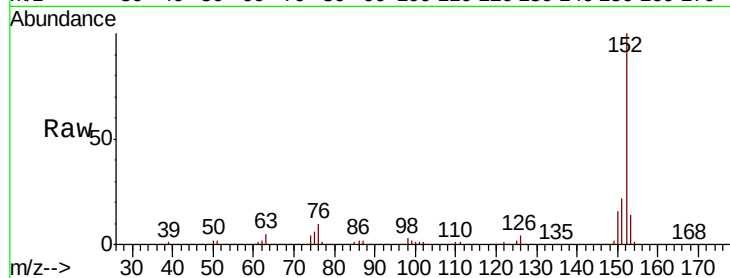
Tot Ion:152 Resp: 742316

Ion Ratio Lower Upper

152 100

151 22.3 18.1 27.1

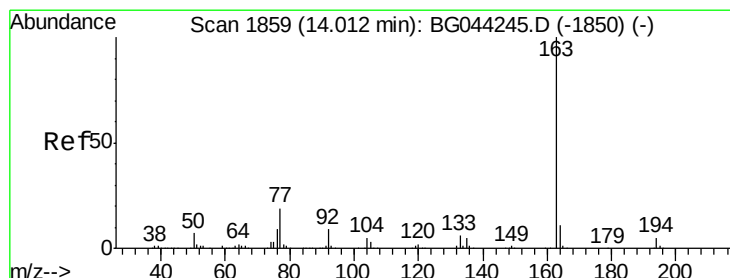
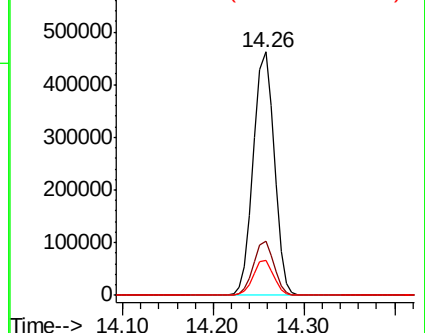
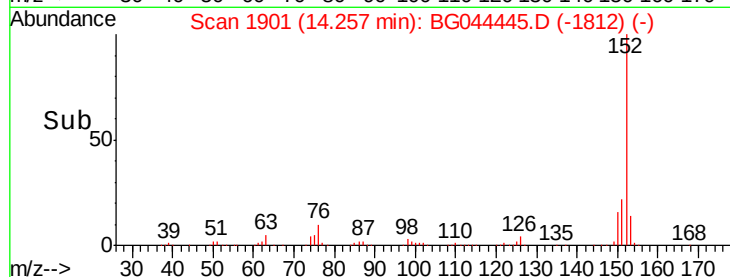
153 14.3 11.5 17.3



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: 51.835 ng

RT: 13.99 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

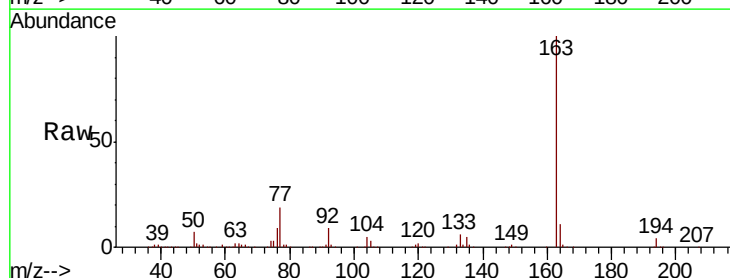
Tgt Ion:163 Resp: 653133

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

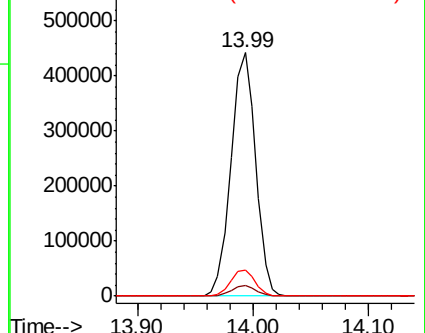
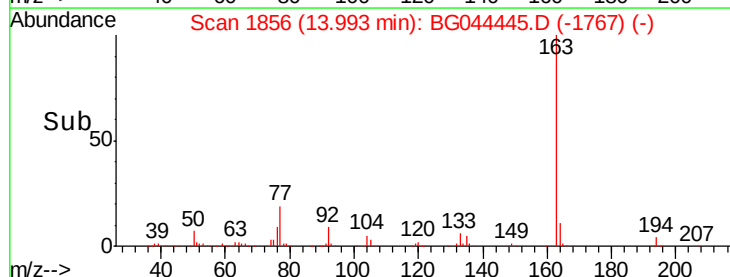
164 10.7 8.7 13.1

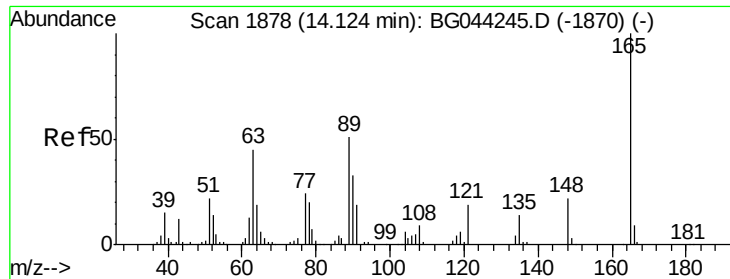


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

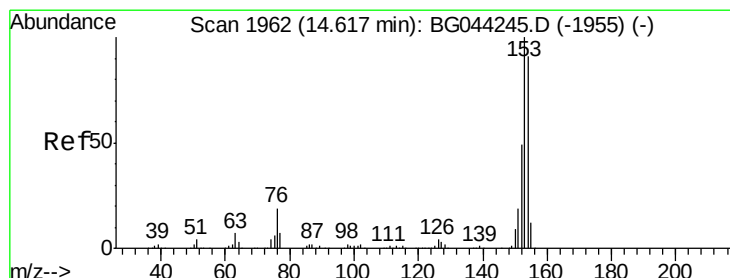
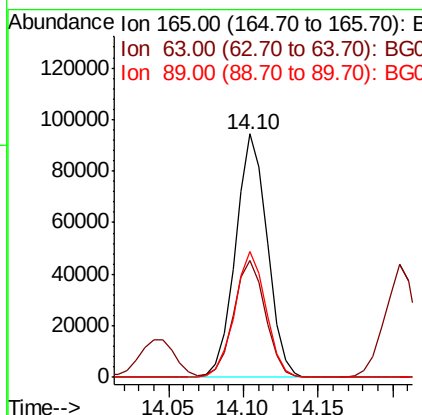
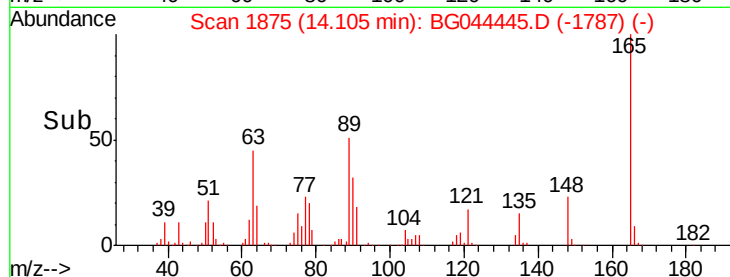
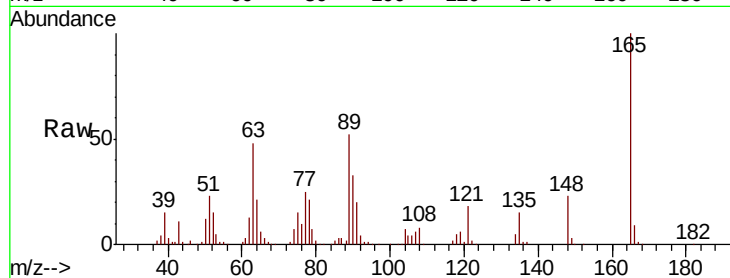




#51
 2,6-Dinitrotoluene
 Concen: 49.410 ng
 RT: 14.10 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

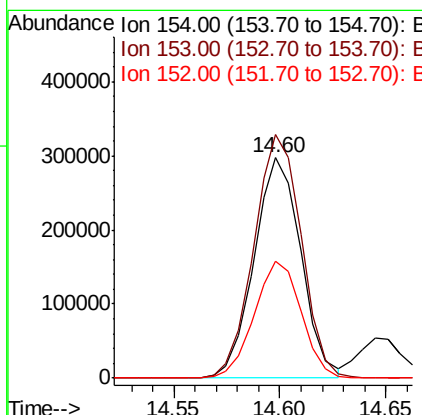
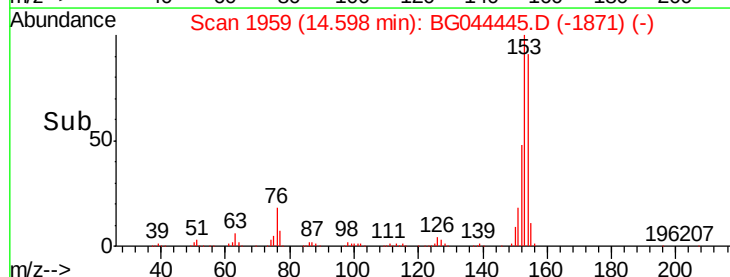
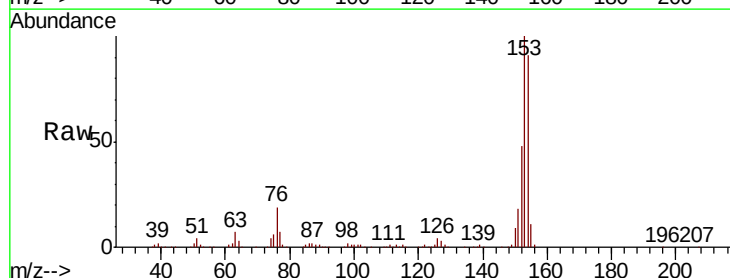
Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MS

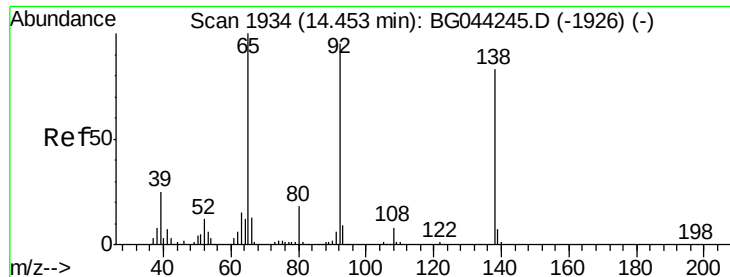
Tot Ion:165 Resp: 138816
 Ion Ratio Lower Upper
 165 100
 63 47.9 38.7 58.1
 89 51.7 40.4 60.6



#52
 Acenaphthene
 Concen: 47.937 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Tgt Ion:154 Resp: 458529
 Ion Ratio Lower Upper
 154 100
 153 110.4 87.9 131.9
 152 52.9 43.1 64.7





#53

3-Nitroaniline

Concen: 21.429 ng

RT: 14.43 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MS

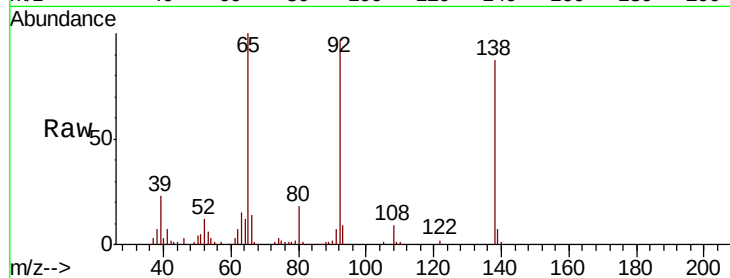
Tot Ion:138 Resp: 66606

Ion Ratio Lower Upper

138 100

108 10.3 7.9 11.9

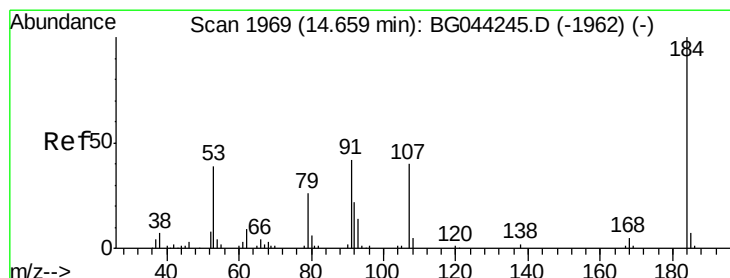
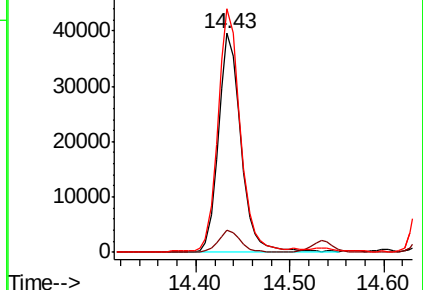
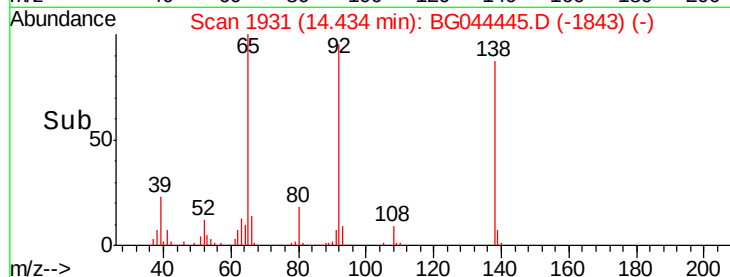
92 111.1 91.0 136.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 93.250 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

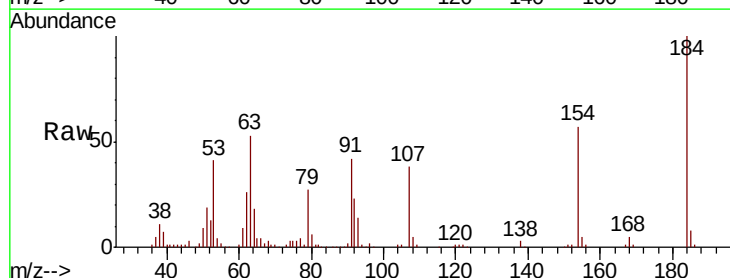
Tgt Ion:184 Resp: 157559

Ion Ratio Lower Upper

184 100

63 53.3 44.1 66.1

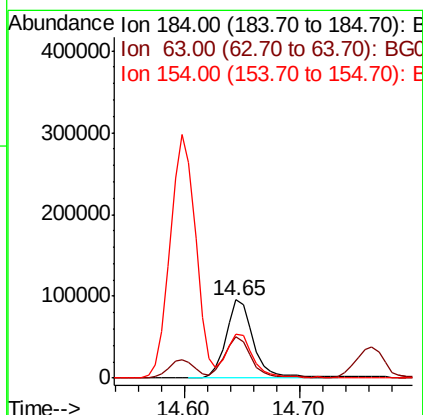
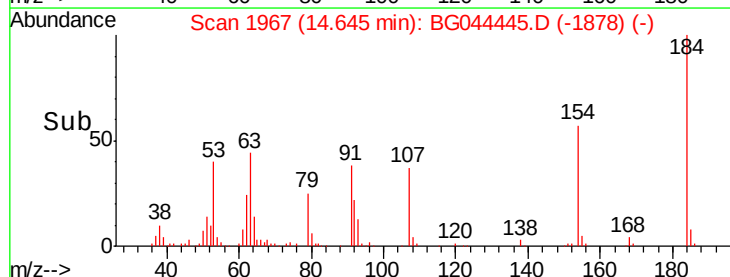
154 56.6 45.4 68.0

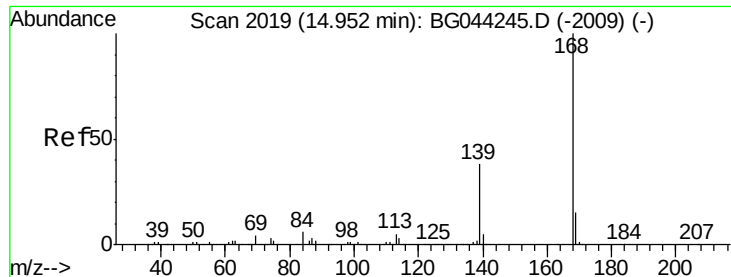


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

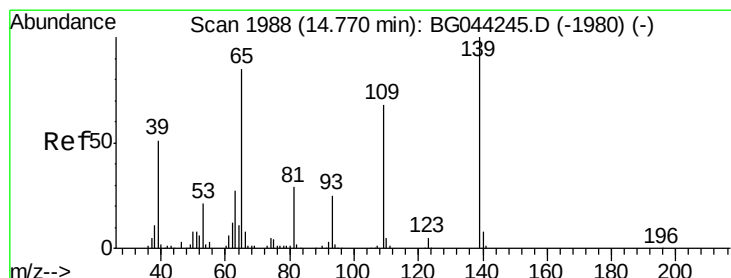
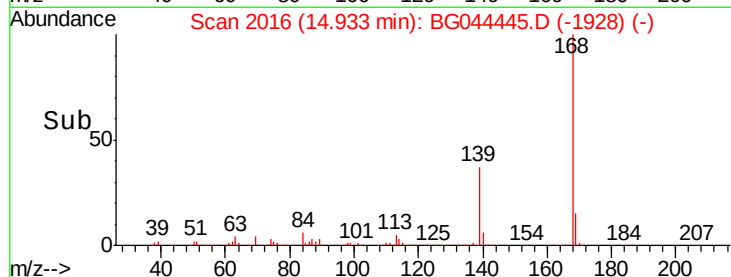
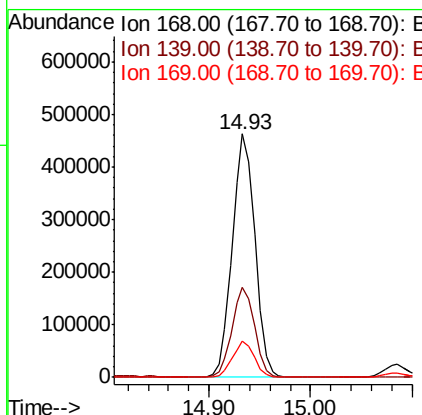
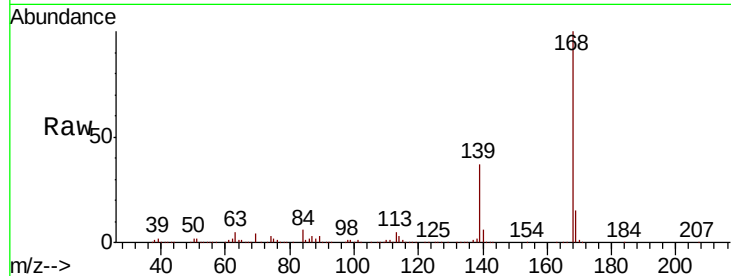




#55
Dibenzenofuran
Concen: 49.532 ng
RT: 14.93 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

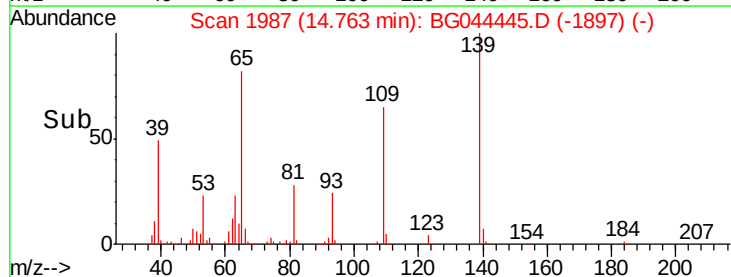
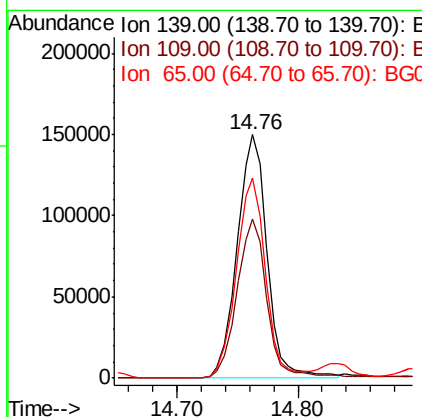
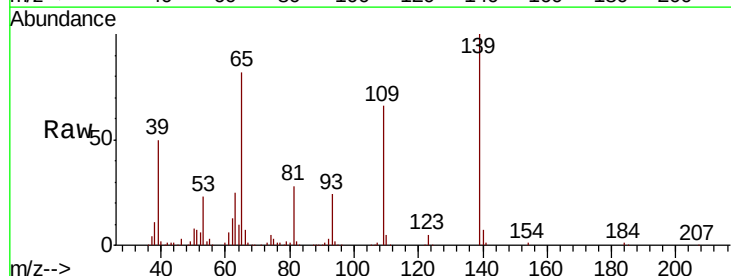
Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

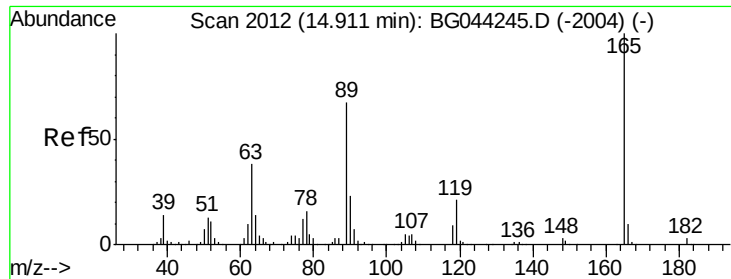
Tot Ion:168 Resp: 717339
Ion Ratio Lower Upper
168 100
139 36.8 30.5 45.7
169 14.7 11.7 17.5



#56
4-Nitrophenol
Concen: 113.882 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion:139 Resp: 259287
Ion Ratio Lower Upper
139 100
109 65.5 47.5 87.5
65 82.4 64.9 104.9

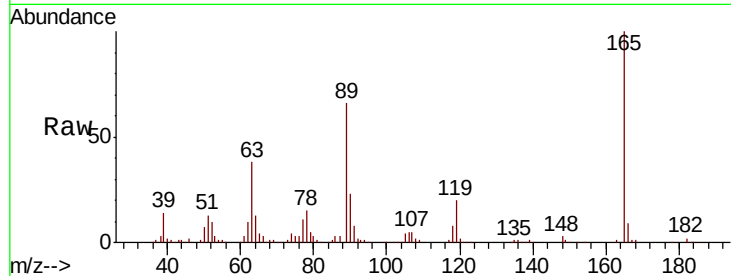




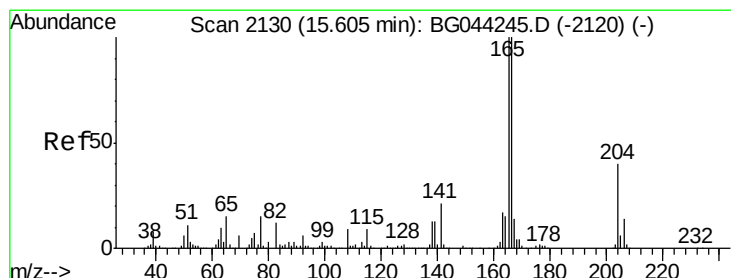
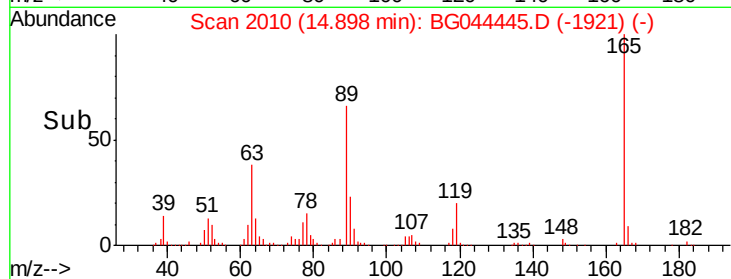
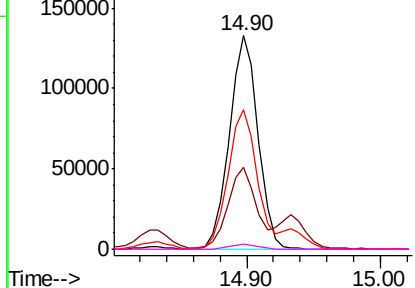
#57
2,4-Dinitrotoluene
Concen: 50.219 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

Tot Ion:	165	Resp:	197747
Ion	Ratio	Lower	Upper
165	100		
63	38.4	30.3	45.5
89	65.6	53.4	80.2
182	2.2	2.1	3.1

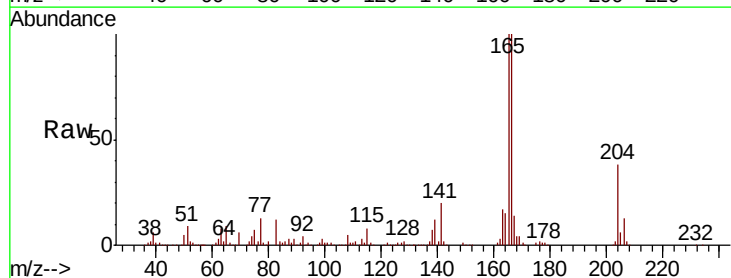


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

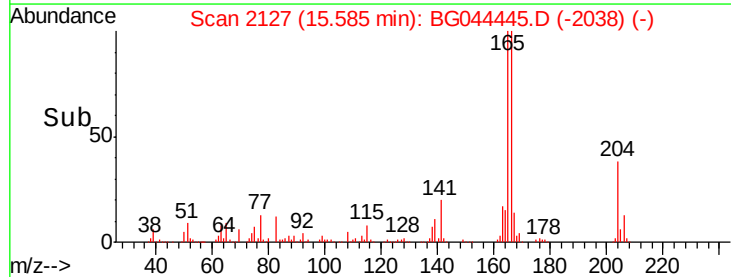
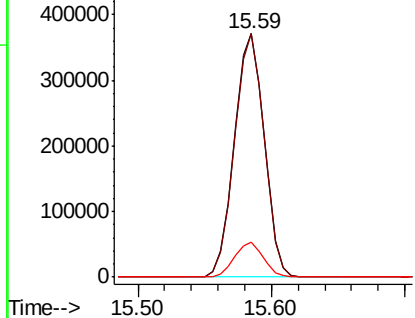


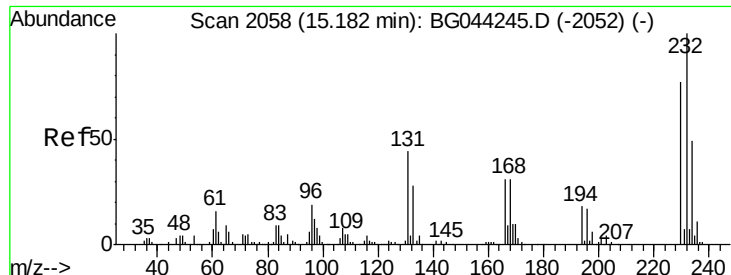
#58
Fluorene
Concen: 50.463 ng
RT: 15.59 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion:	166	Resp:	575611
Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.9	119.9
167	14.2	11.4	17.0



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

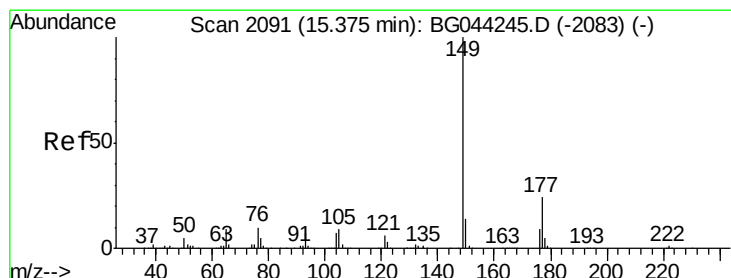
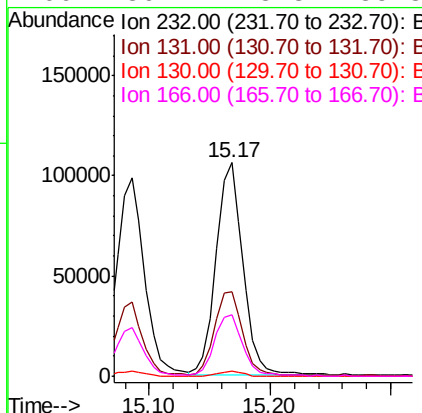
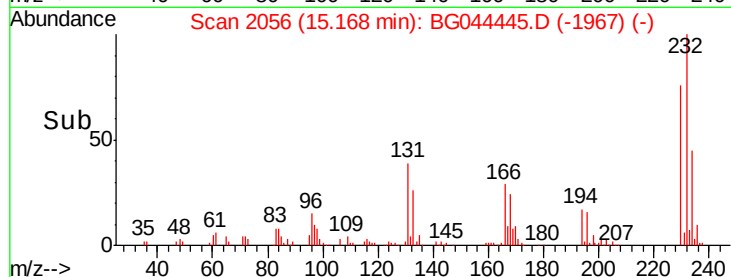
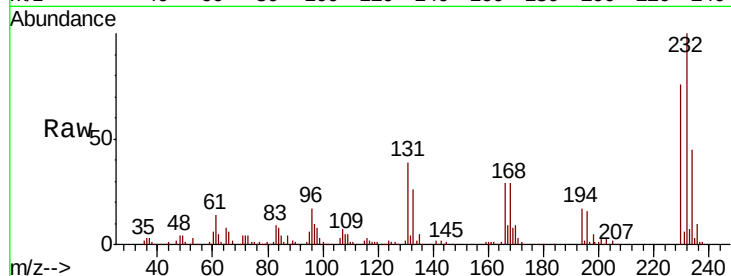




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.961 ng
 RT: 15.17 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

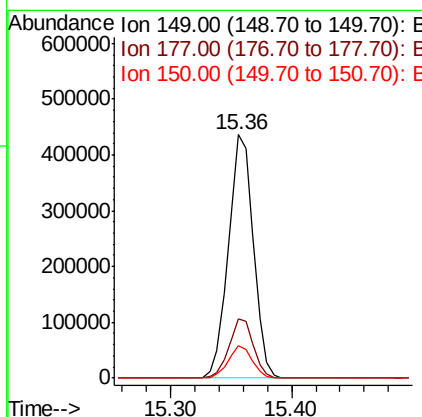
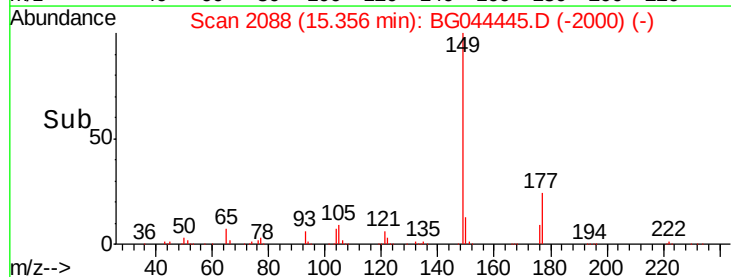
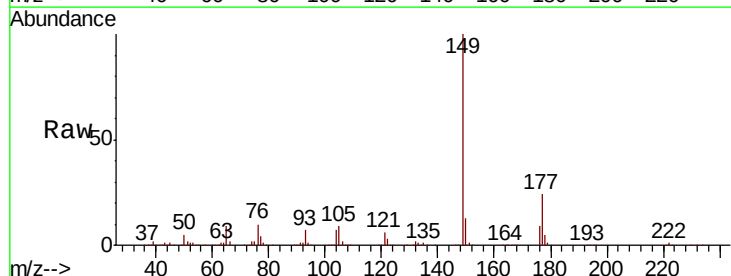
Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MS

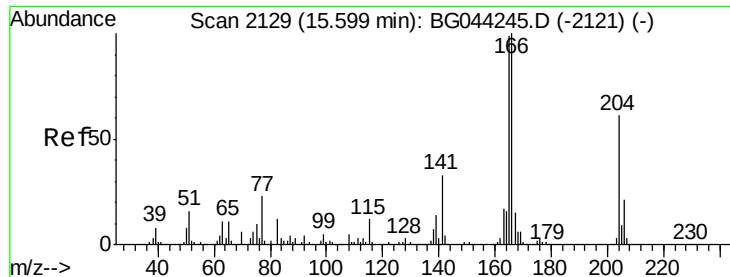
Tot Ion	Ratio	Lower	Upper
232	100		
131	42.1	34.2	51.4
130	2.2	1.8	2.8
166	30.2	23.8	35.8



#60
 Diethylphthalate
 Concen: 49.817 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.4	29.0
150	13.1	10.9	16.3

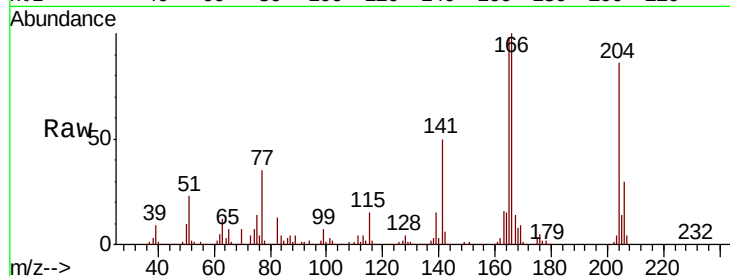




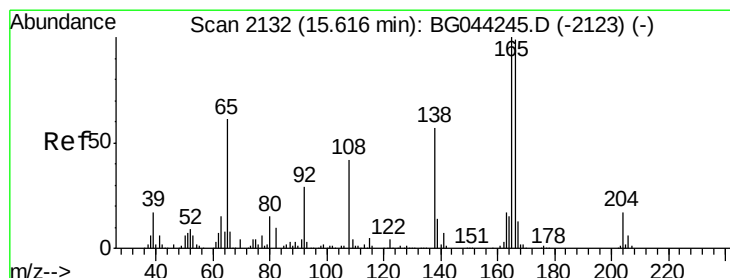
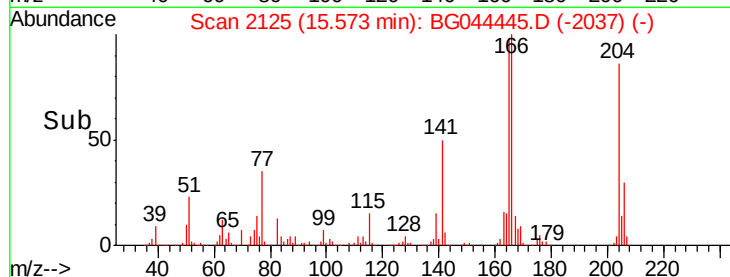
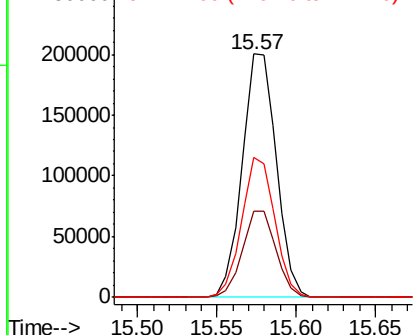
#61
4-Chlorophenyl-phenylether
Concen: 48.292 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

Tot Ion:204 Resp: 298677
Ion Ratio Lower Upper
204 100
206 35.2 27.6 41.4
141 57.7 43.4 65.0

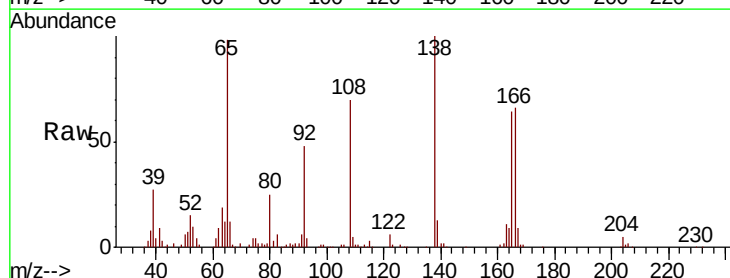


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

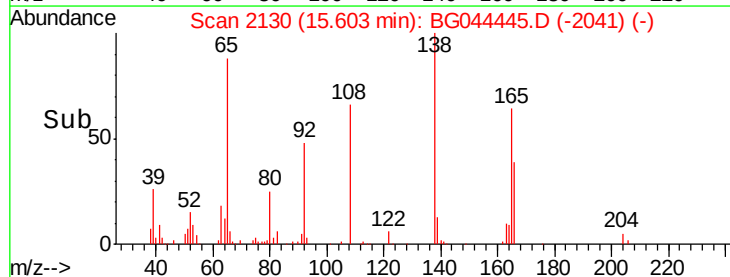
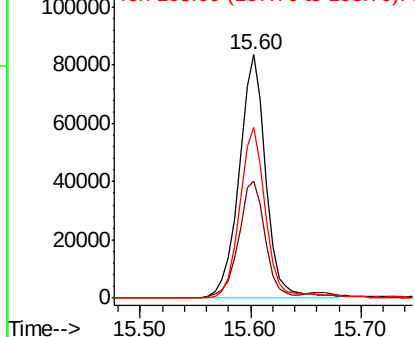


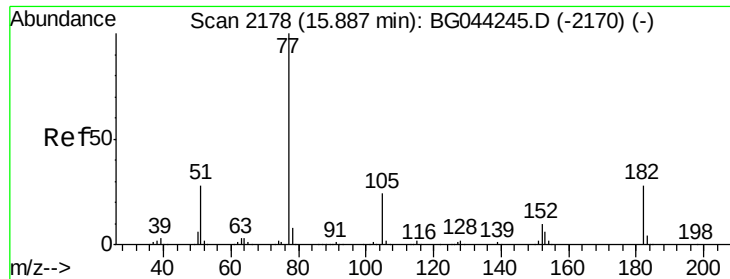
#62
4-Nitroaniline
Concen: 45.693 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion:138 Resp: 141915
Ion Ratio Lower Upper
138 100
92 48.1 31.3 71.3
108 69.9 52.6 92.6



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: 50.003 ng

RT: 15.87 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MS

Tot Ion: 77 Resp: 550226

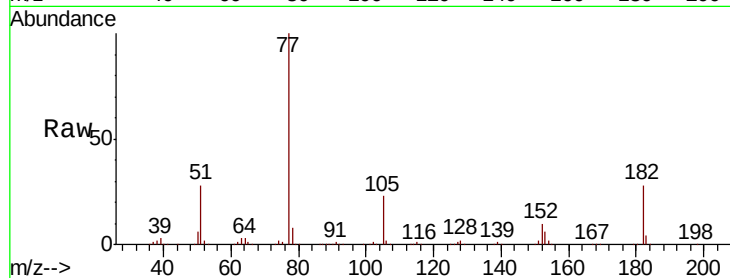
Ion Ratio Lower Upper

77 100

182 28.2 8.2 48.2

105 23.1 3.6 43.6

51 28.2 8.3 48.3

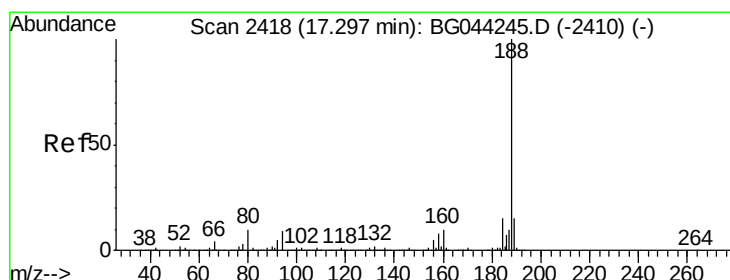
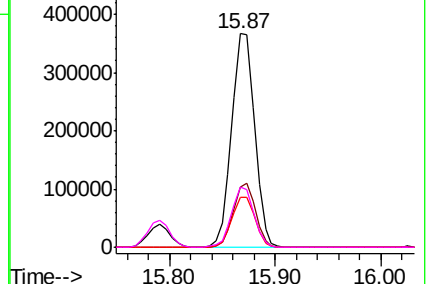
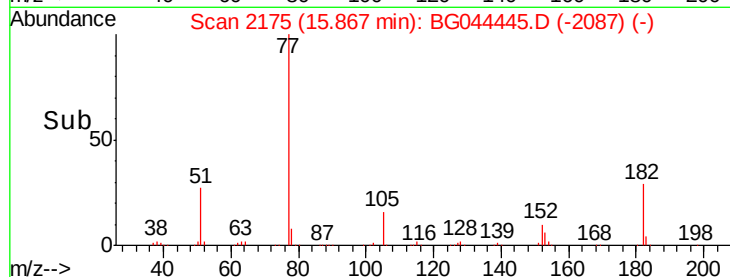


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.28 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

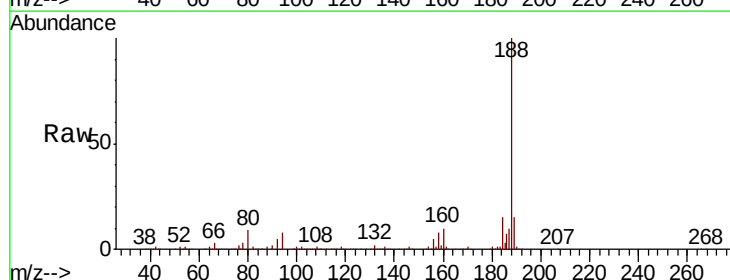
Tgt Ion: 188 Resp: 410105

Ion Ratio Lower Upper

188 100

94 8.1 7.4 11.2

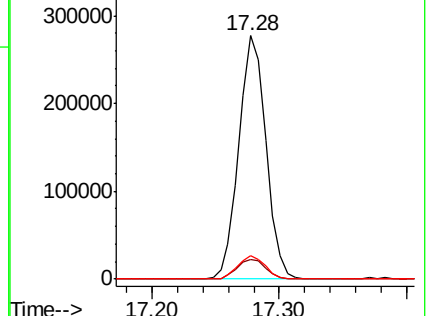
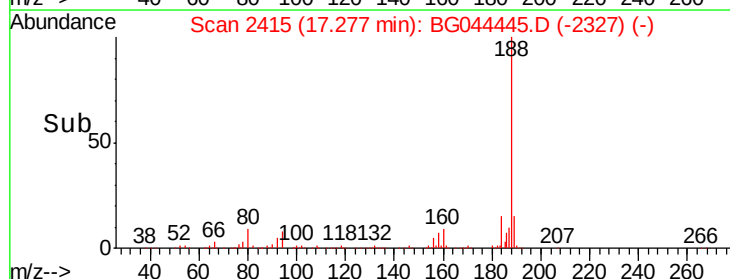
80 9.4 7.7 11.5

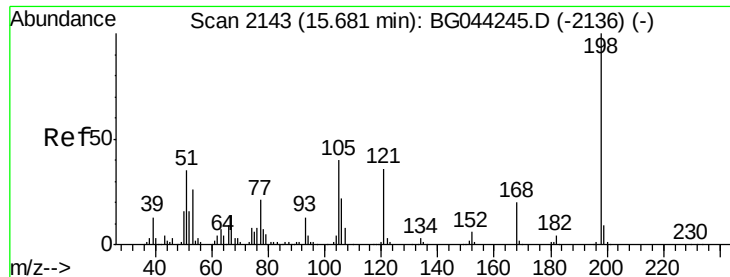


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

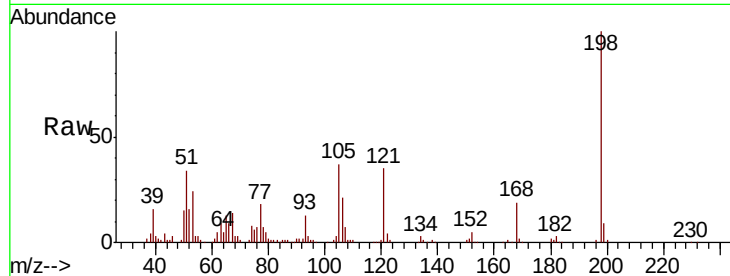




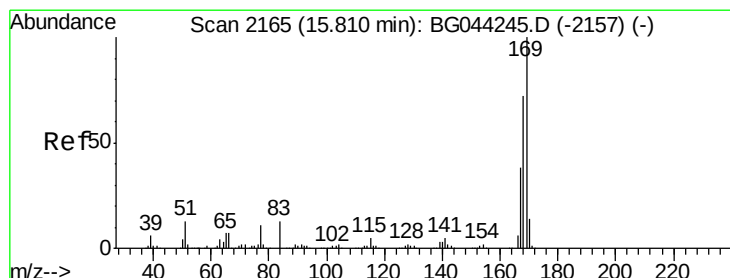
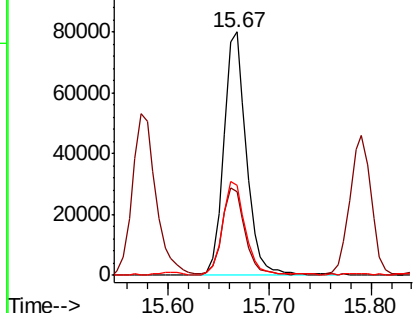
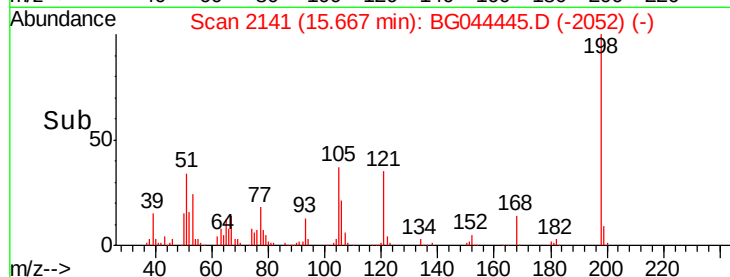
#65
 4,6-Dinitro-2-methylphenol
 Concen: 54.672 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	34.1	16.6	56.6
105	36.9	20.6	60.6

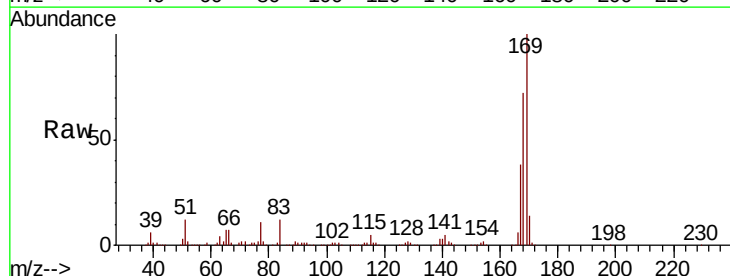


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

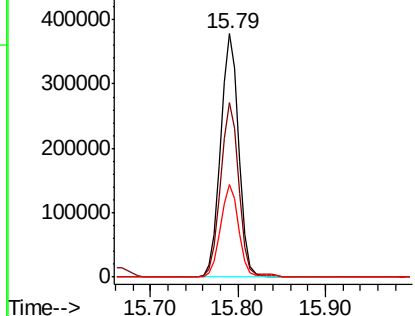
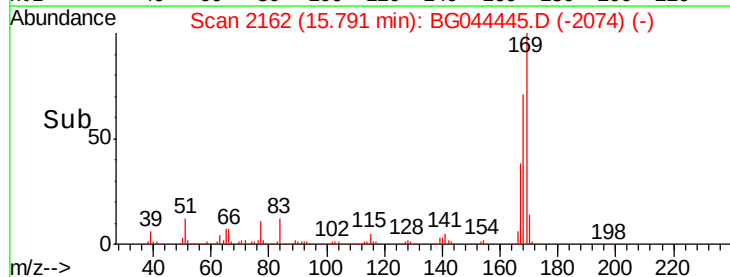


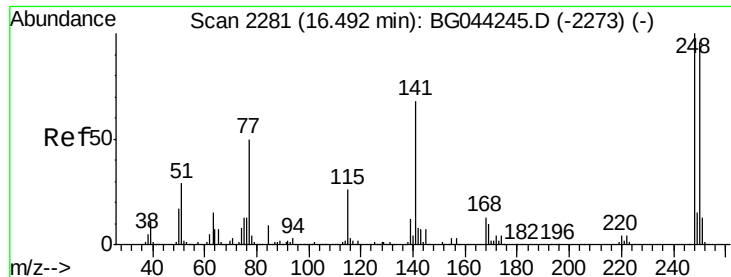
#66
 n-Nitrosodiphenylamine
 Concen: 47.296 ng
 RT: 15.79 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BG044445.D
 Acq: 14 Feb 2020 19:18

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.5	57.9	86.9
167	38.0	30.7	46.1



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





#67

4-Bromophenyl-phenylether

Concen: 44.866 ng

RT: 16.47 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MS

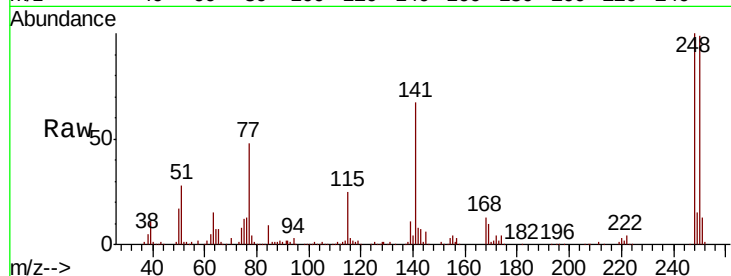
Tot Ion:248 Resp: 200463

Ion Ratio Lower Upper

248 100

250 98.5 76.6 114.8

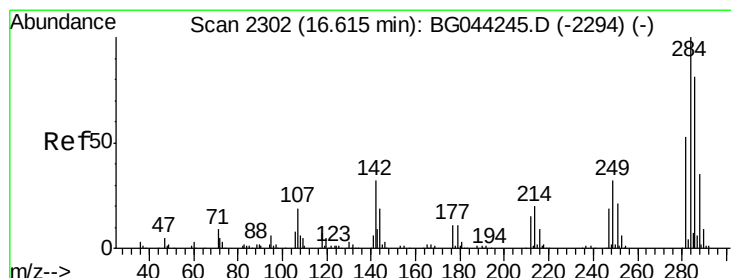
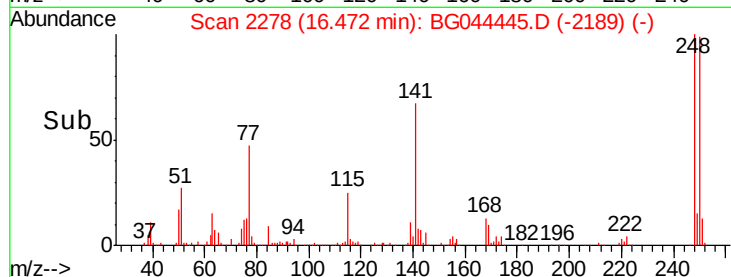
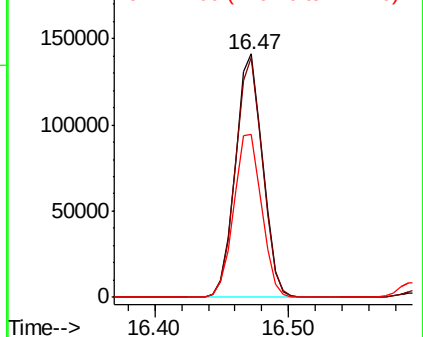
141 66.8 54.7 82.1



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 44.644 ng

RT: 16.60 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

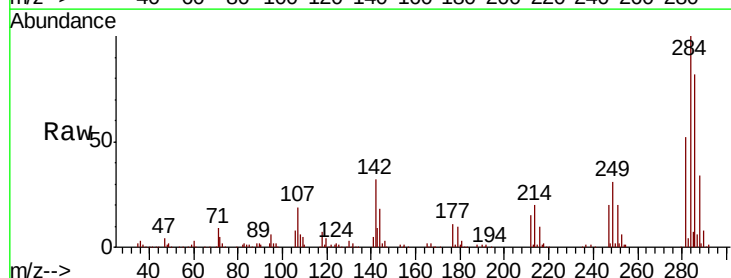
Tgt Ion:284 Resp: 223473

Ion Ratio Lower Upper

284 100

142 31.5 25.3 37.9

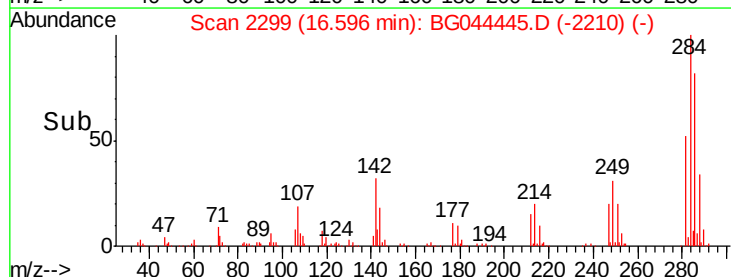
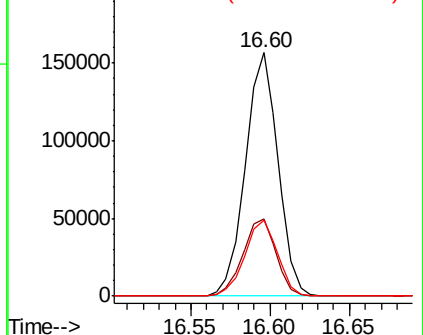
249 31.4 25.5 38.3

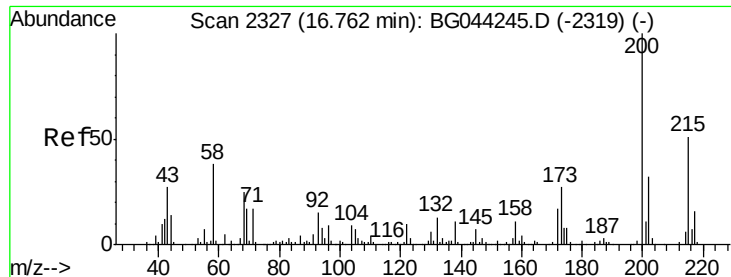


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 55.707 ng

RT: 16.74 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MS

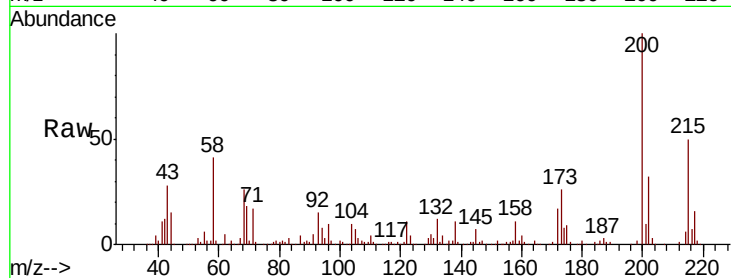
Tot Ion:200 Resp: 219441

Ion Ratio Lower Upper

200 100

173 26.3 6.6 46.6

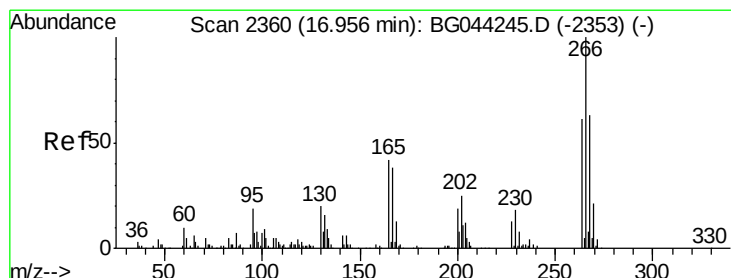
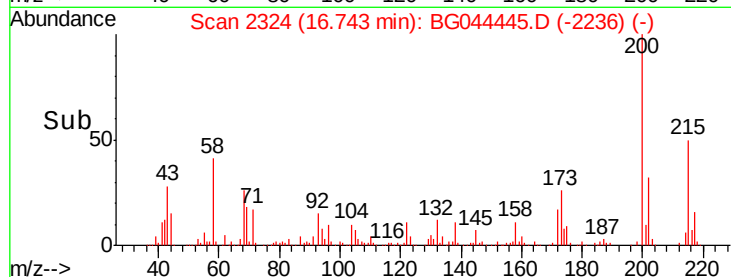
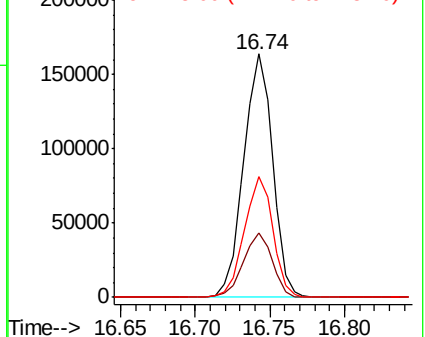
215 49.7 31.0 71.0



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: 94.303 ng

RT: 16.94 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

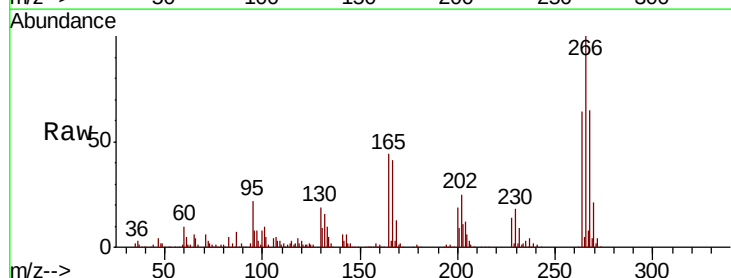
Tgt Ion:266 Resp: 240189

Ion Ratio Lower Upper

266 100

268 64.7 50.6 75.8

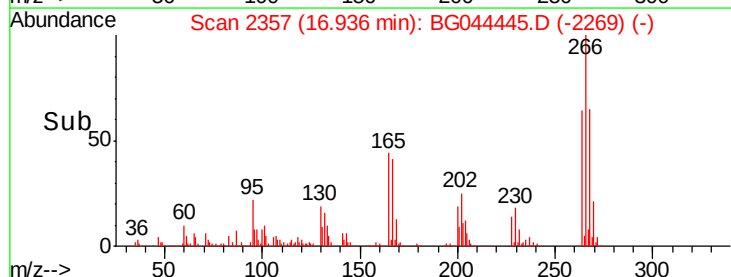
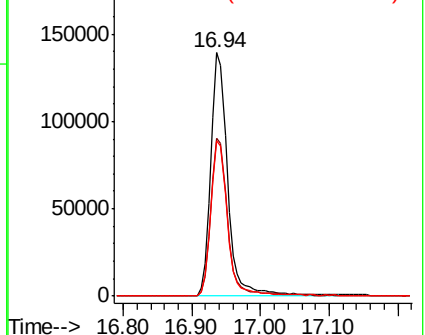
264 63.6 48.7 73.1

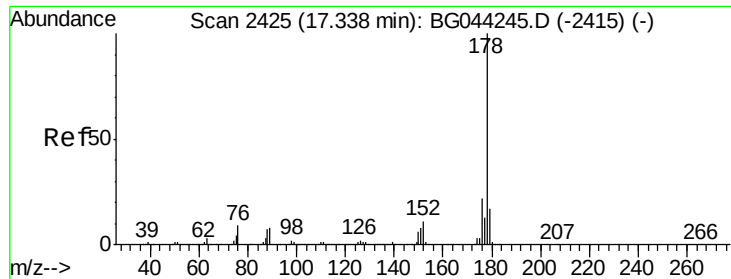


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

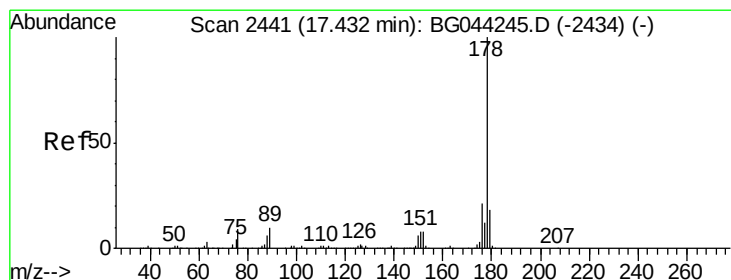
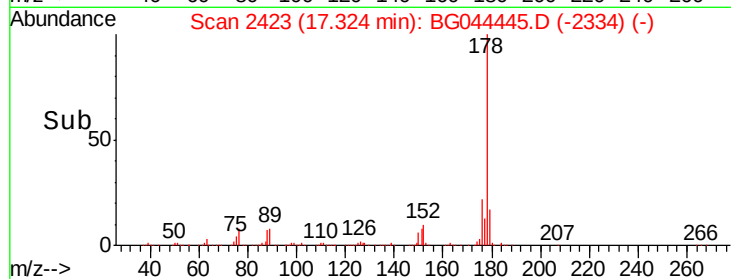
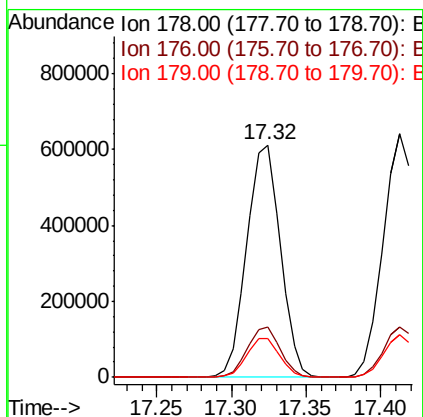
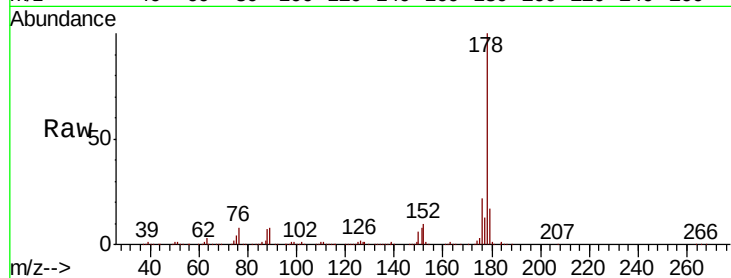




#71
Phenanthrene
Concen: 48.141 ng
RT: 17.32 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

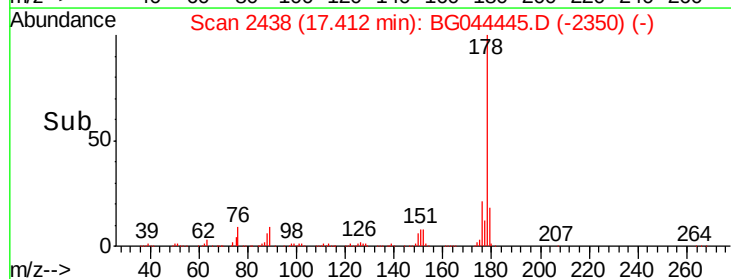
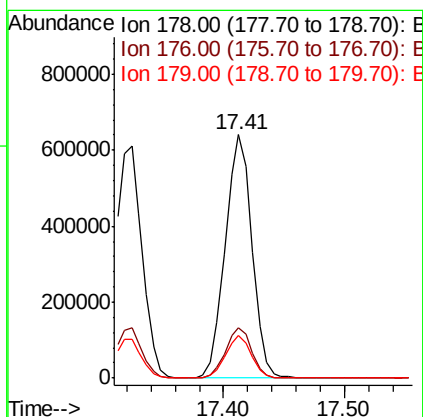
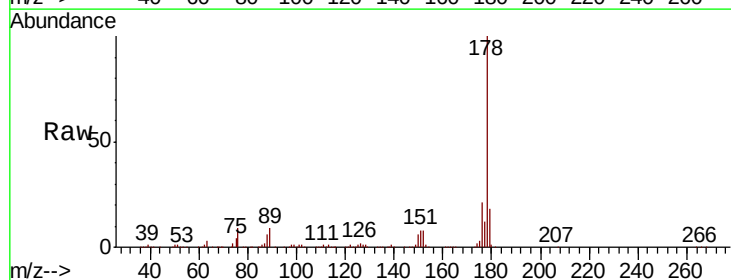
Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

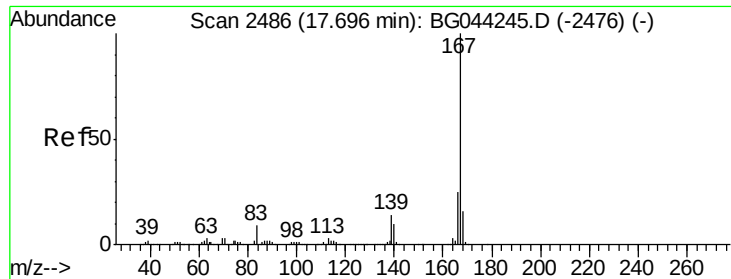
Tot Ion:178 Resp: 956026
Ion Ratio Lower Upper
178 100
176 21.9 17.7 26.5
179 16.8 13.7 20.5



#72
Anthracene
Concen: 50.063 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion:178 Resp: 982913
Ion Ratio Lower Upper
178 100
176 20.8 17.0 25.4
179 17.6 14.4 21.6





#73

Carbazole

Concen: 51.233 ng

RT: 17.68 min Scan# 2484

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MS

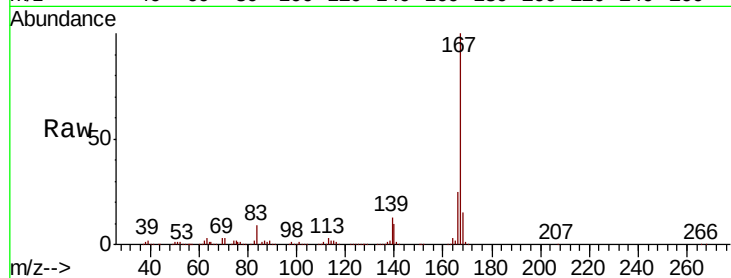
Tot Ion:167 Resp: 927315

Ion Ratio Lower Upper

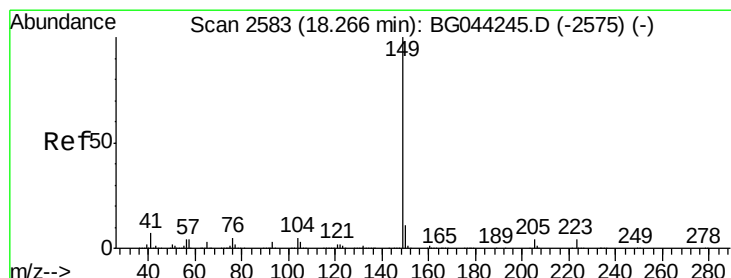
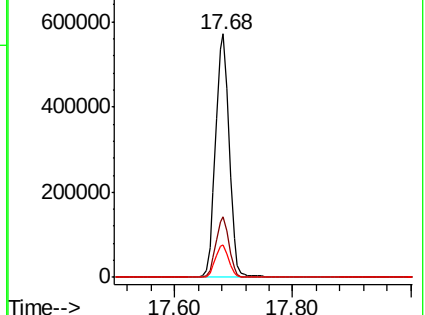
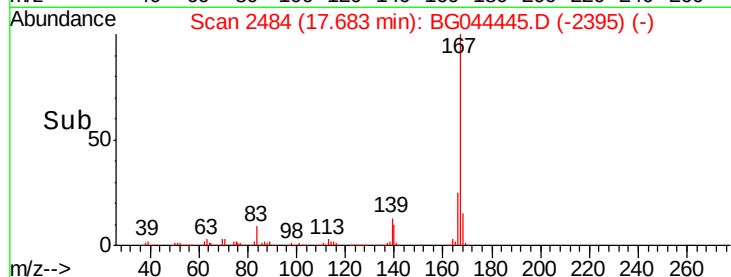
167 100

166 24.7 19.8 29.6

139 13.5 11.1 16.7



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: 51.066 ng

RT: 18.25 min Scan# 2580

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

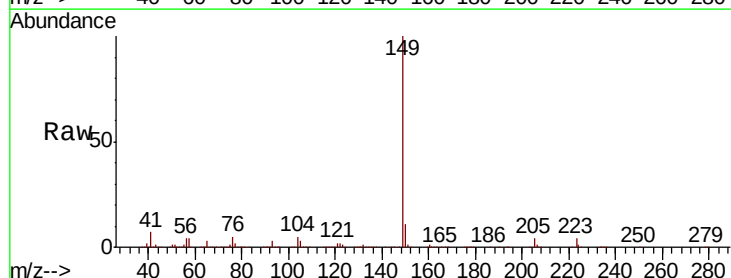
Tgt Ion:149 Resp: 1142197

Ion Ratio Lower Upper

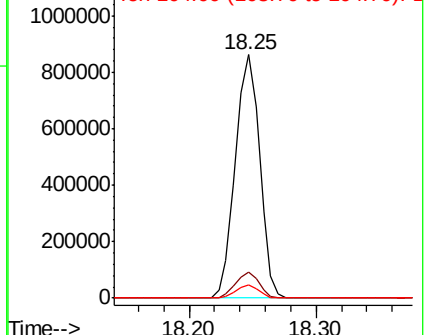
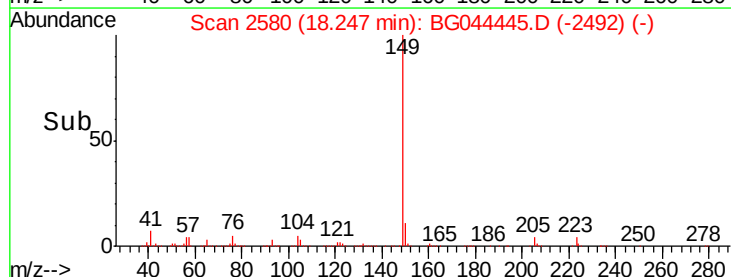
149 100

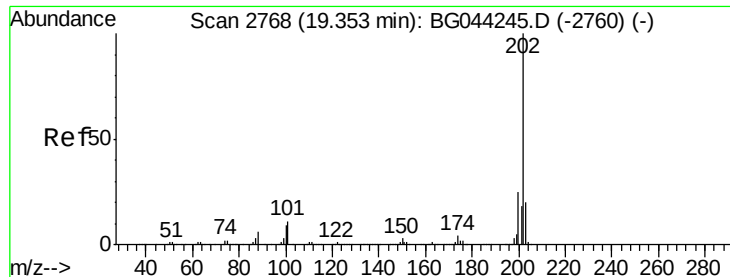
150 10.5 8.7 13.1

104 5.3 4.3 6.5



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: 52.247 ng

RT: 19.33 min Scan# 2765

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MS

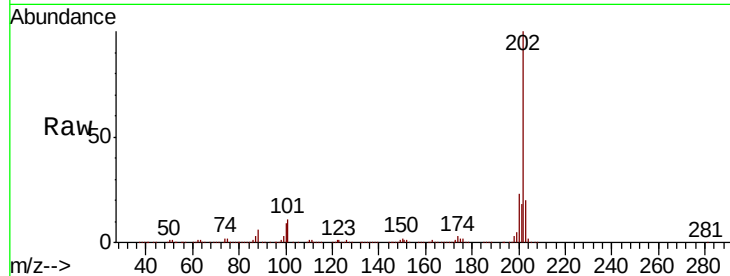
Tot Ion:202 Resp: 1200264

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.3

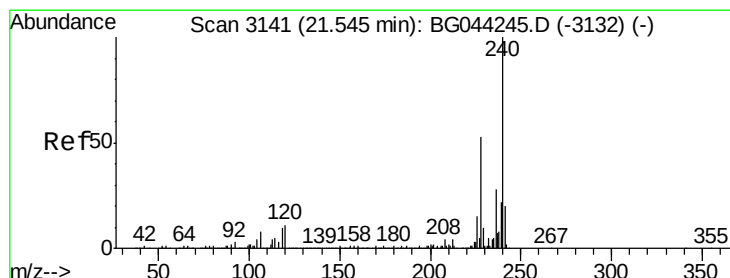
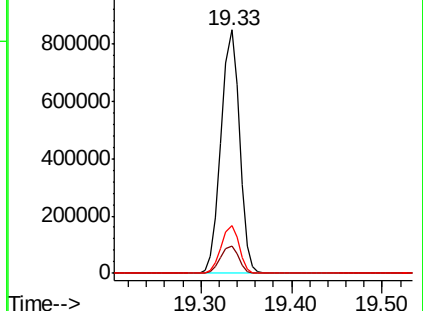
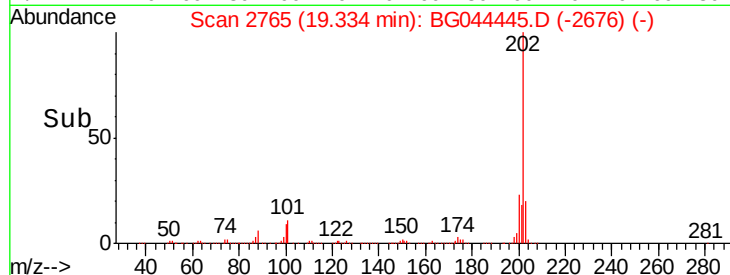
203 19.6 0.0 39.9



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: 21.53 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

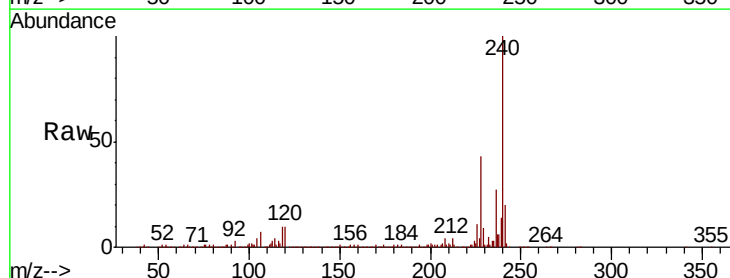
Tgt Ion:240 Resp: 409466

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

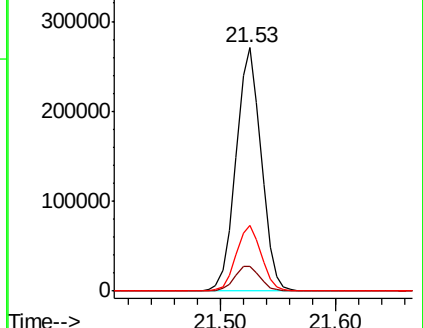
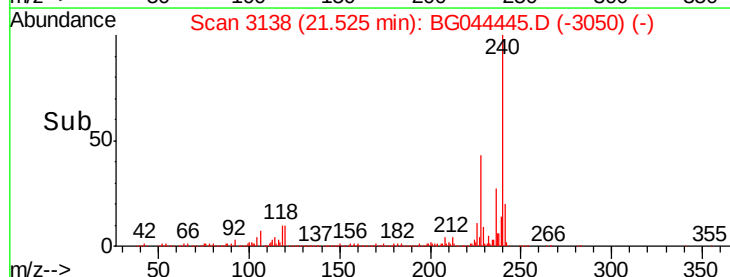
236 26.8 22.1 33.1

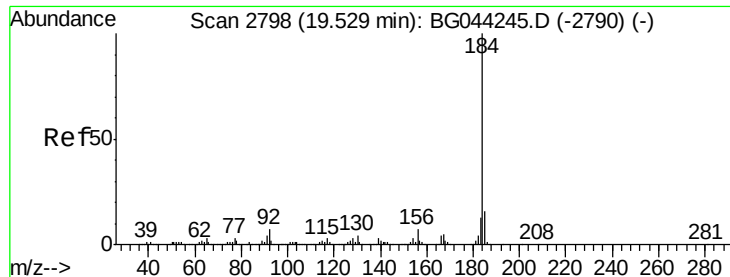


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.693 ng

RT: 19.51 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MS

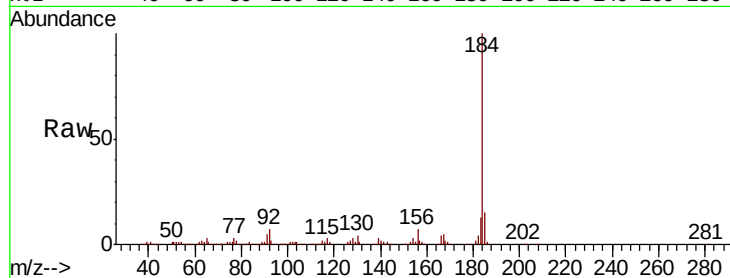
Tot Ion:184 Resp: 473529

Ion Ratio Lower Upper

184 100

185 15.0 12.9 19.3

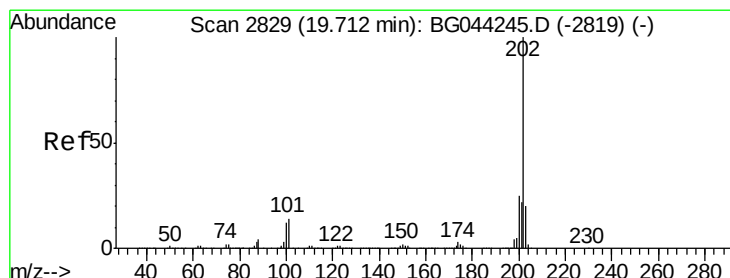
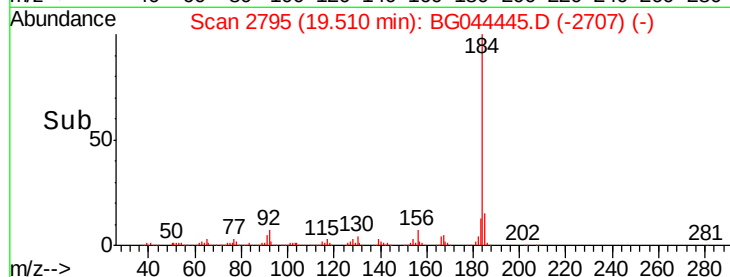
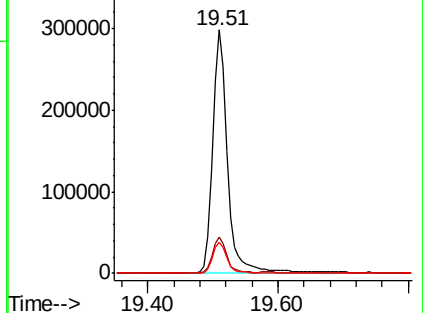
183 13.0 10.8 16.2



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: 46.108 ng

RT: 19.69 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

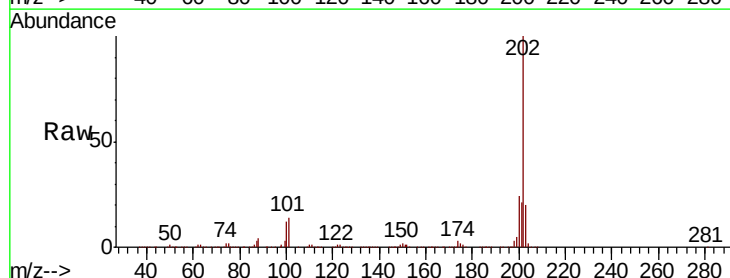
Tgt Ion:202 Resp: 1212449

Ion Ratio Lower Upper

202 100

200 24.3 20.0 30.0

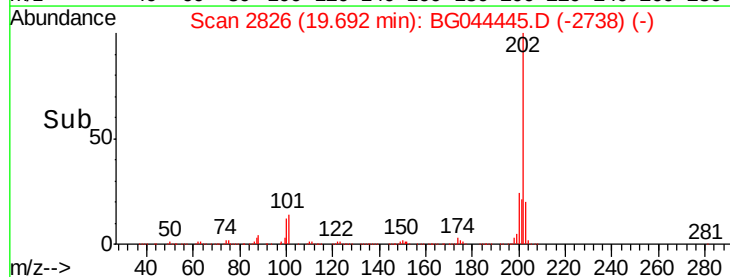
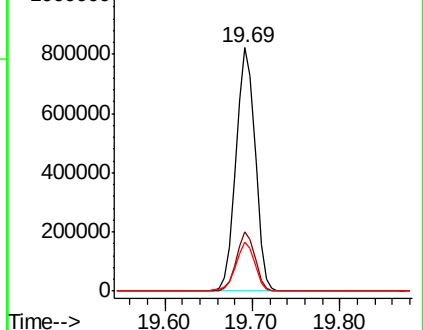
203 20.0 16.2 24.2

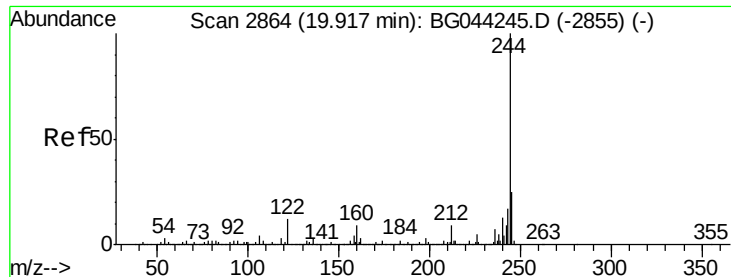


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.667 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MS

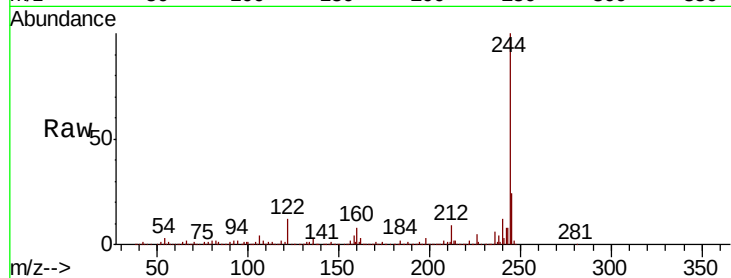
Tot Ion:244 Resp: 1466514

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.2

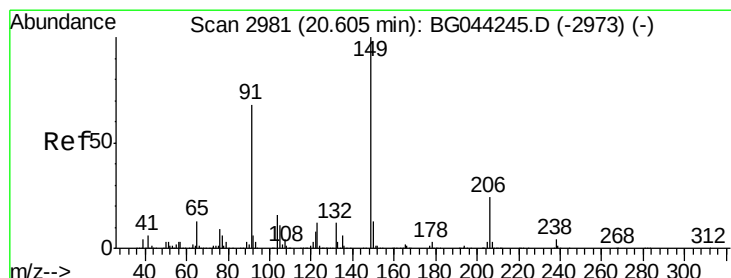
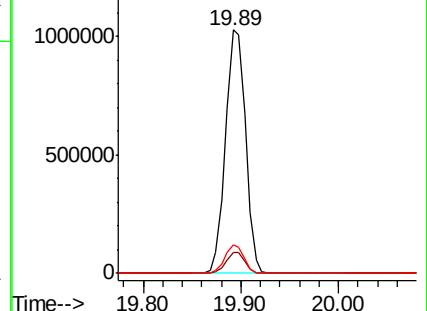
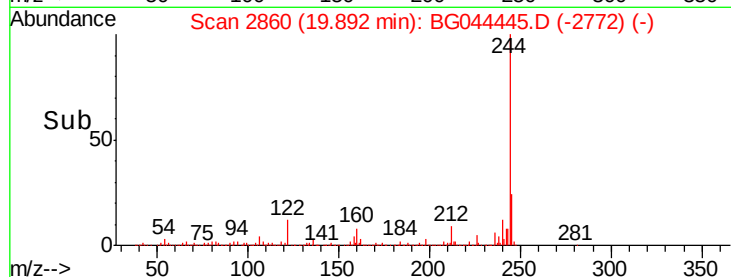
122 11.9 9.8 14.6



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: 45.218 ng

RT: 20.59 min Scan# 2978

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

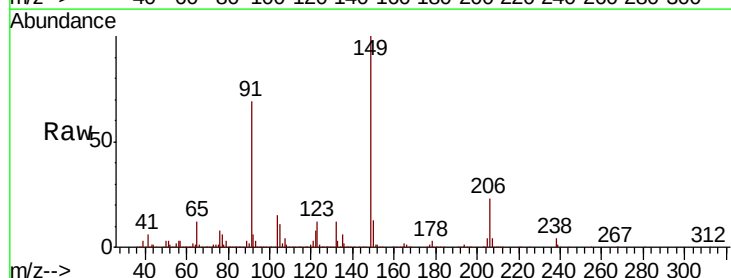
Tgt Ion:149 Resp: 541864

Ion Ratio Lower Upper

149 100

91 69.2 54.5 81.7

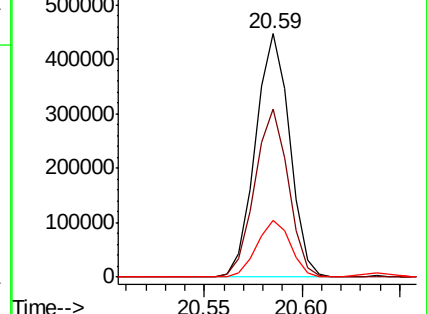
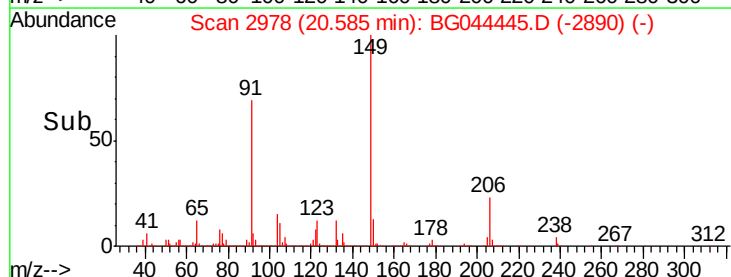
206 23.5 19.1 28.7

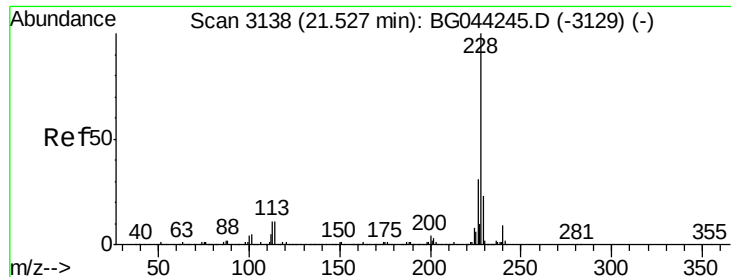


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.171 ng

RT: 21.51 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MS

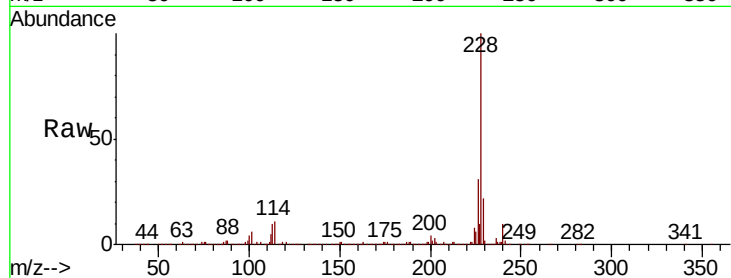
Tot Ion:228 Resp: 1165154

Ion Ratio Lower Upper

228 100

226 31.0 24.7 37.1

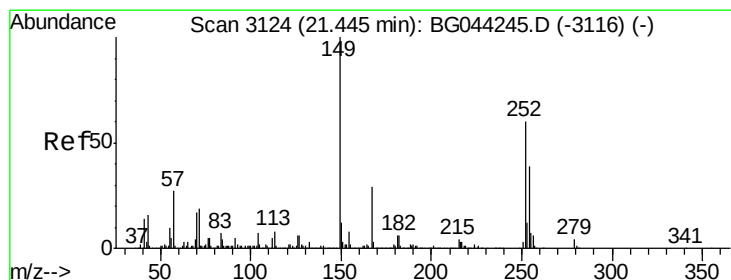
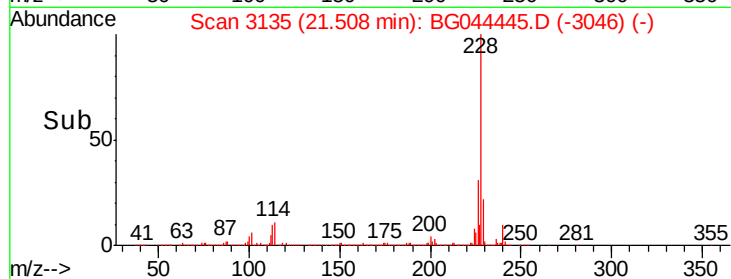
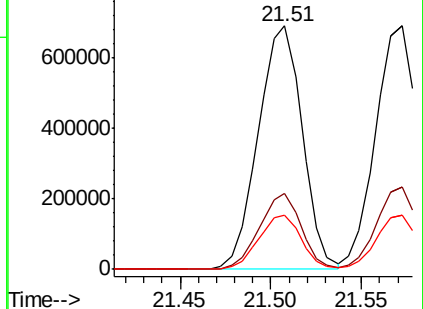
229 22.1 18.2 27.4



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: 21.571 ng

RT: 21.42 min Scan# 3120

Delta R.T. -0.02 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

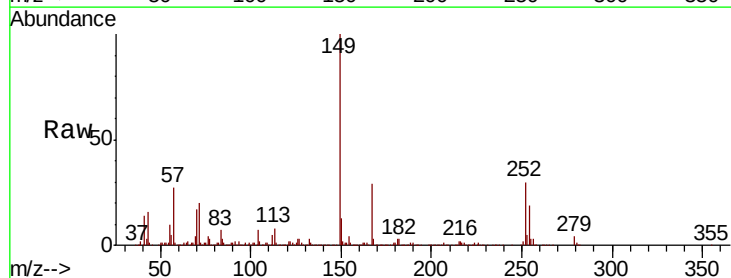
Tgt Ion:252 Resp: 211277

Ion Ratio Lower Upper

252 100

254 63.3 52.6 78.8

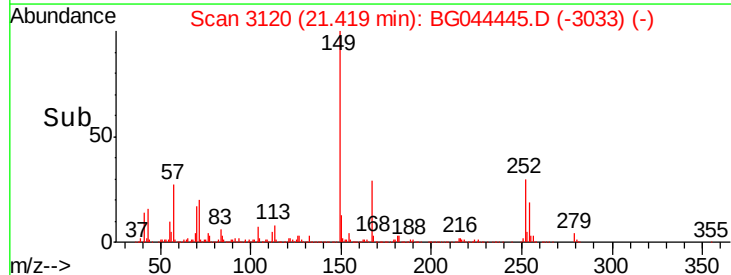
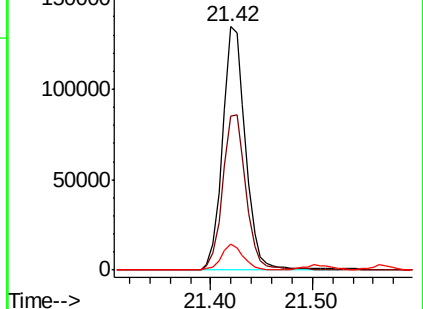
126 10.7 8.2 12.4

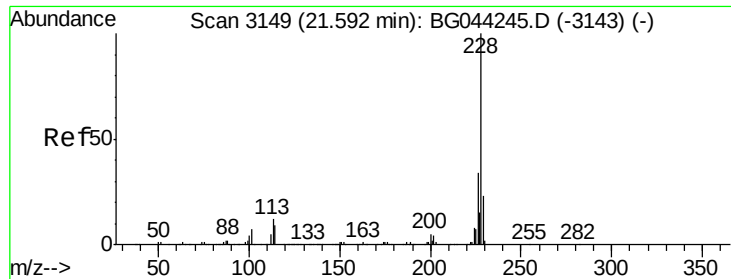


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.370 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MS

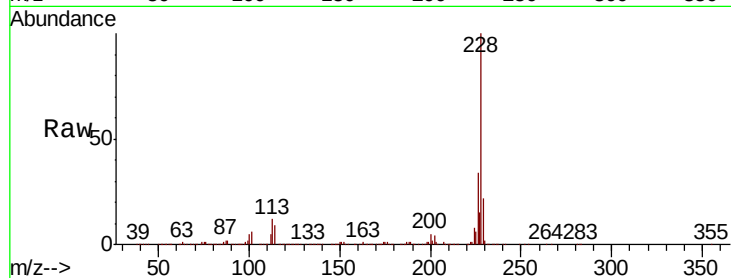
Tot Ion:228 Resp: 1106701

Ion Ratio Lower Upper

228 100

226 33.6 27.1 40.7

229 22.1 17.9 26.9

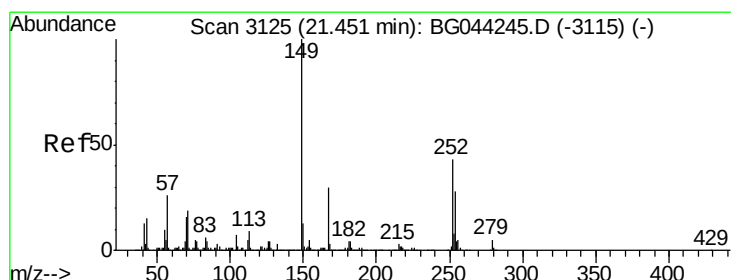
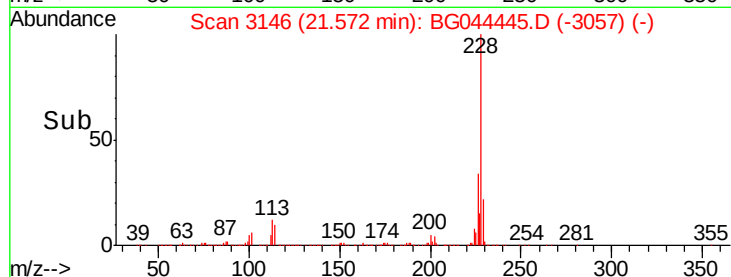
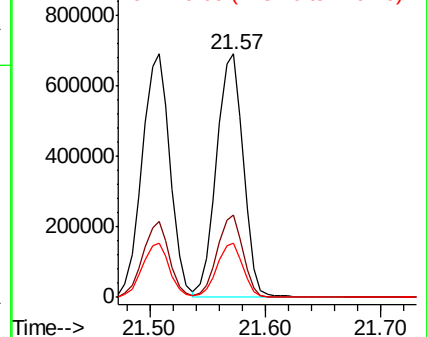


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.687 ng

RT: 21.43 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

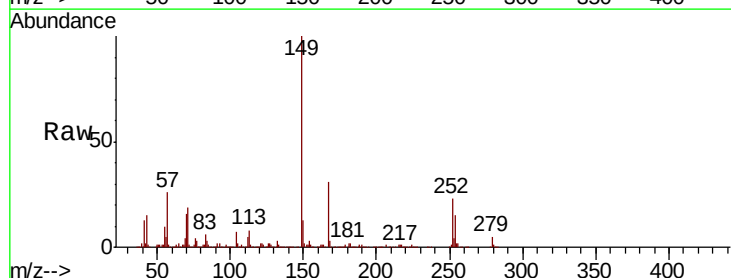
Tgt Ion:149 Resp: 770065

Ion Ratio Lower Upper

149 100

167 30.8 24.0 36.0

279 4.7 3.8 5.8

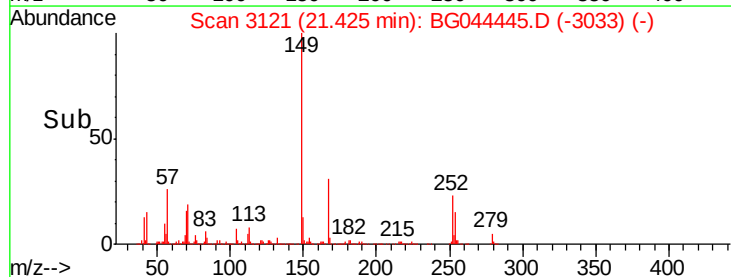
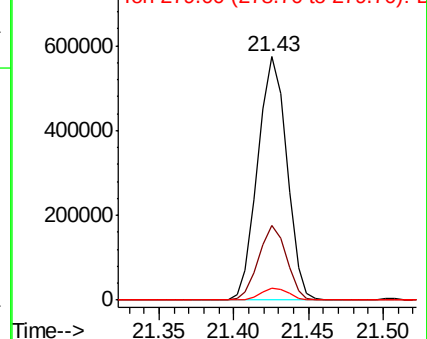


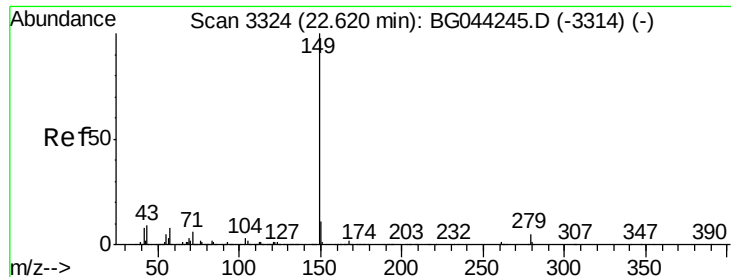
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

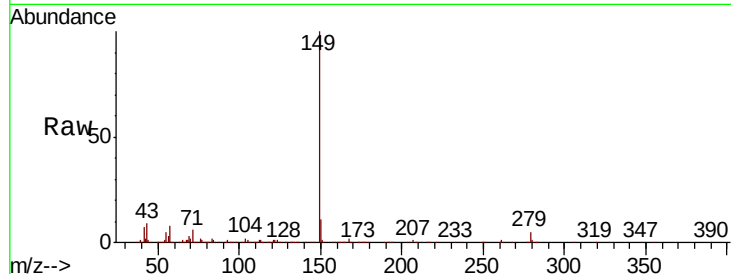




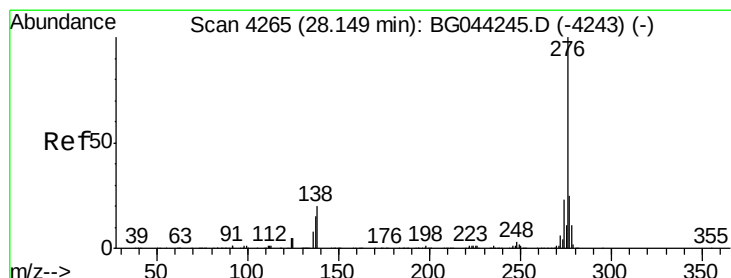
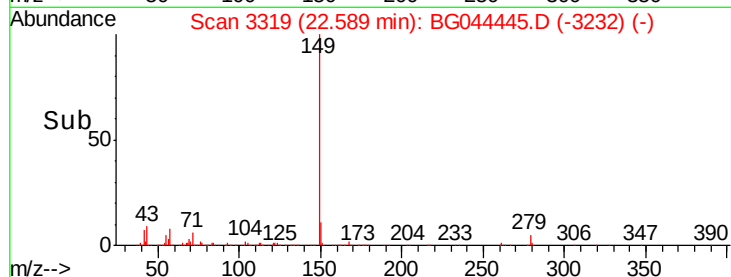
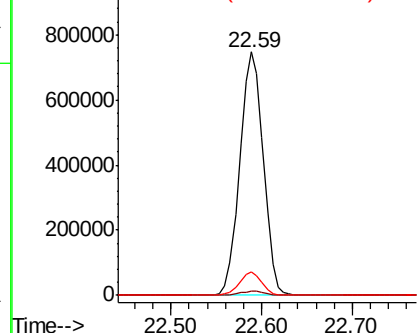
#85
Di-n-octyl phthalate
Concen: 47.115 ng
RT: 22.59 min Scan# 3319
Delta R.T. -0.02 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

Tot Ion:149 Resp: 1344584
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.0 7.4 11.0

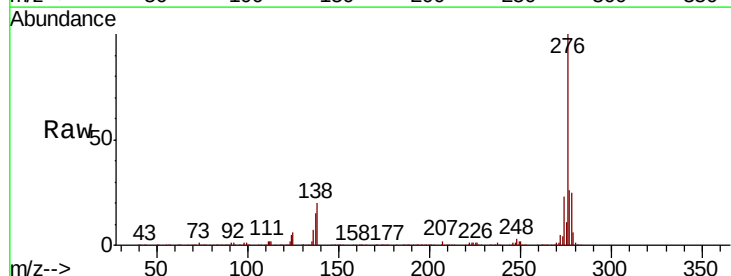


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

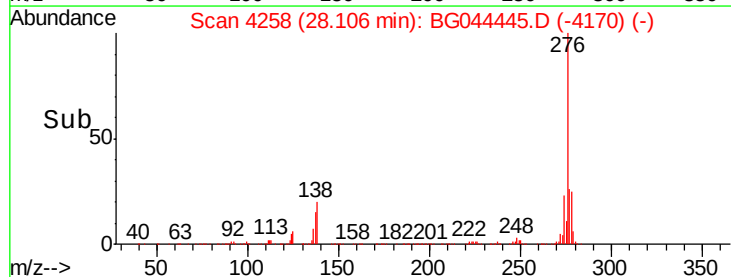
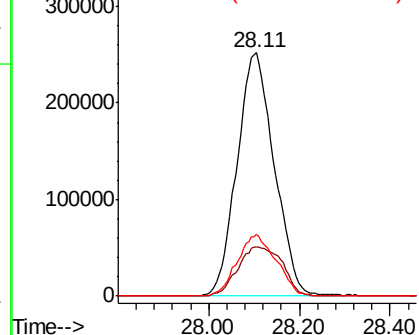


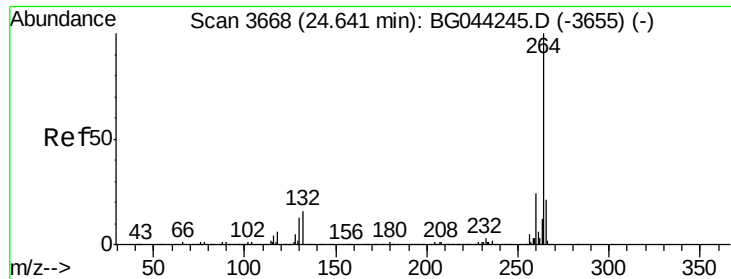
#86
Indeno(1,2,3-cd)pyrene
Concen: 45.283 ng
RT: 28.11 min Scan# 4258
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion:276 Resp: 1441084
Ion Ratio Lower Upper
276 100
138 24.3 19.4 29.0
277 26.4 21.0 31.6



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: 24.60 min Scan# 3662

Delta R.T. -0.02 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MS

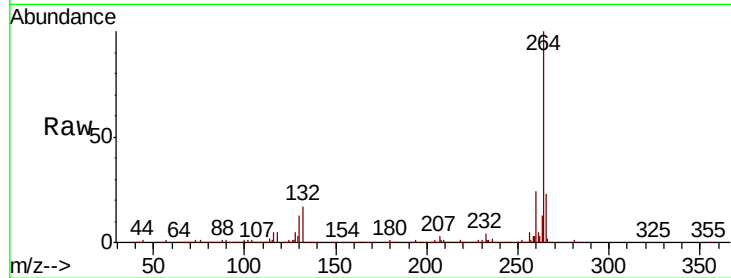
Tot Ion:264 Resp: 443823

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

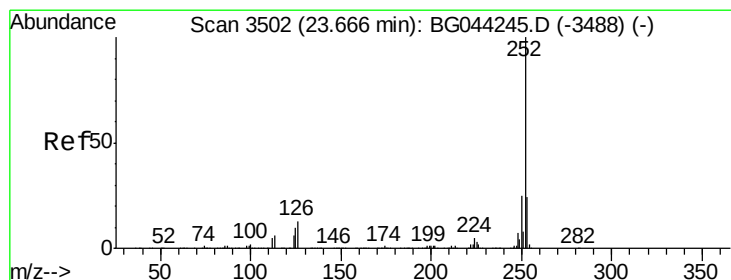
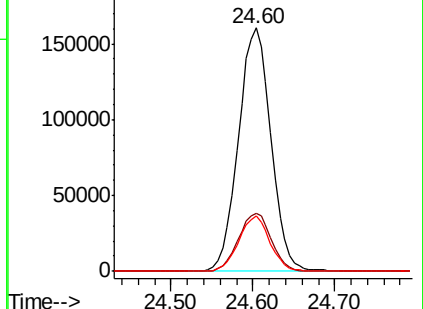
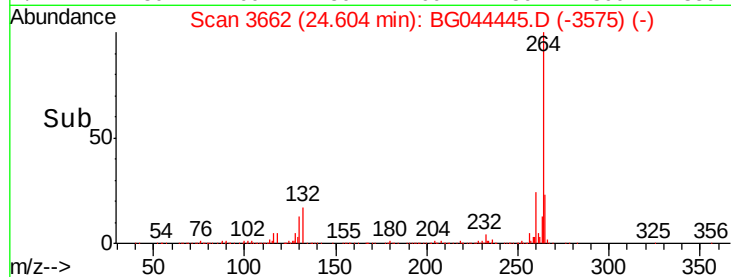
265 22.8 16.7 25.1



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: 48.479 ng

RT: 23.63 min Scan# 3497

Delta R.T. -0.01 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

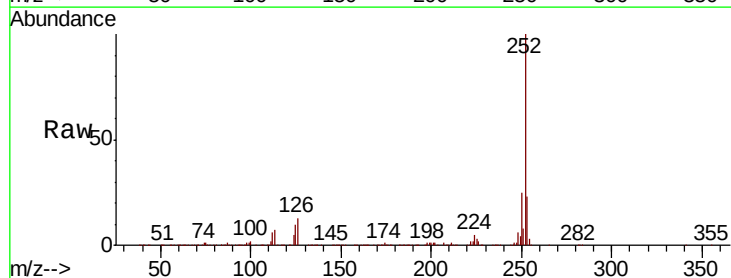
Tgt Ion:252 Resp: 1239836

Ion Ratio Lower Upper

252 100

253 23.2 19.2 28.8

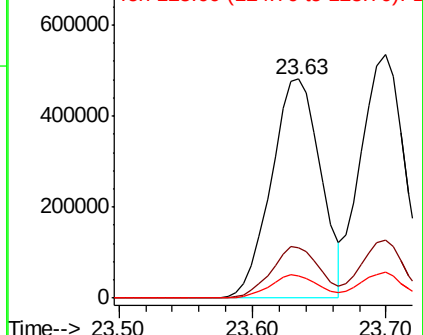
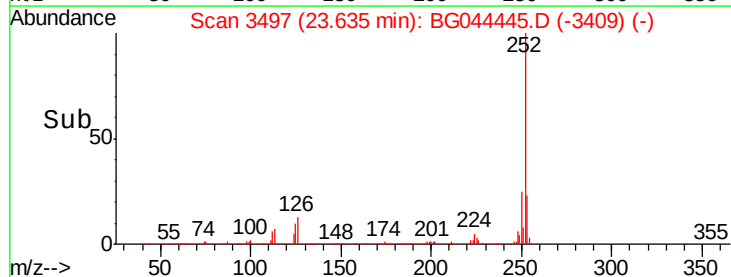
125 10.3 8.4 12.6

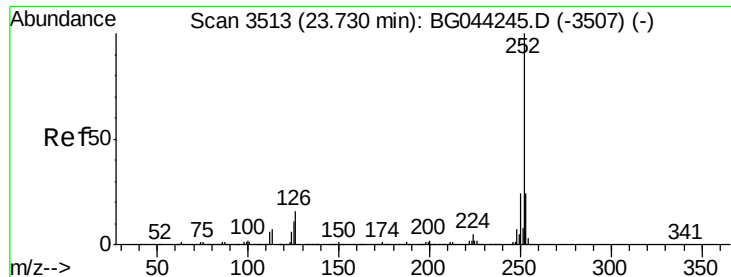


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

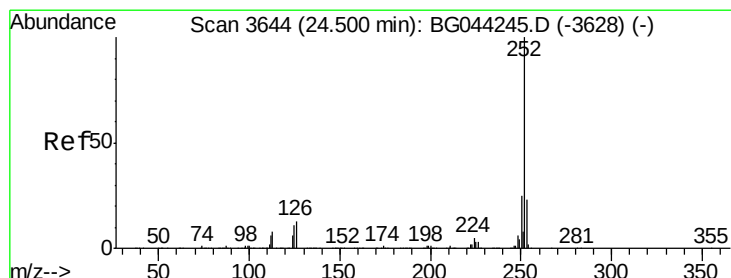
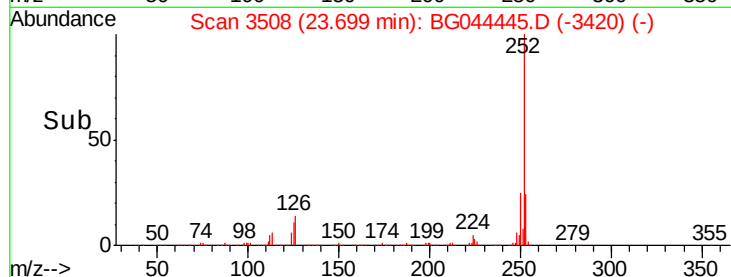
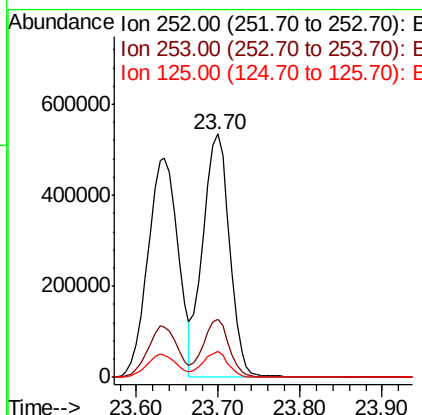
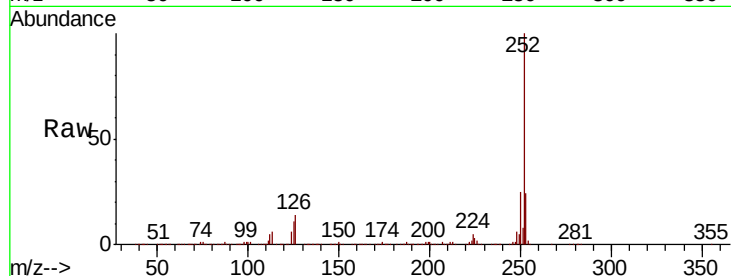




#89
Benzo(k)fluoranthene
Concen: 48.764 ng
RT: 23.70 min Scan# 3508
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

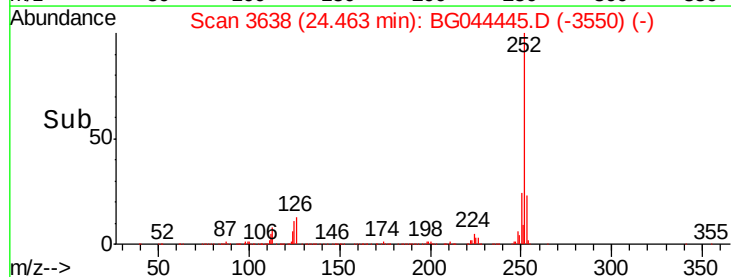
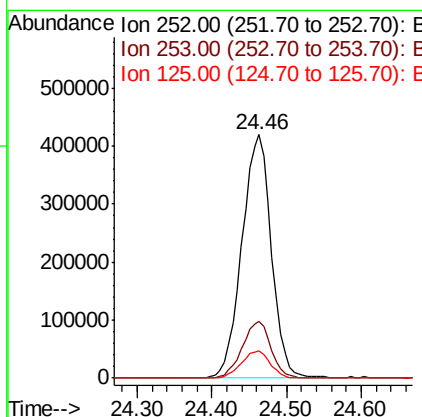
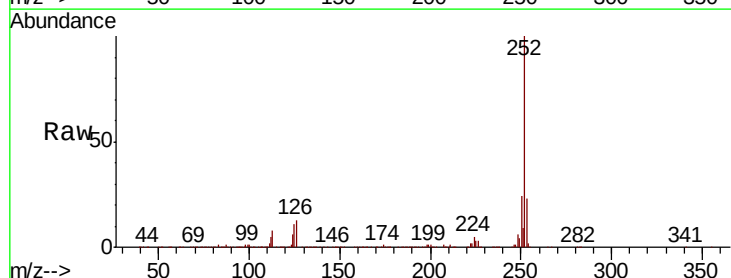
Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MS

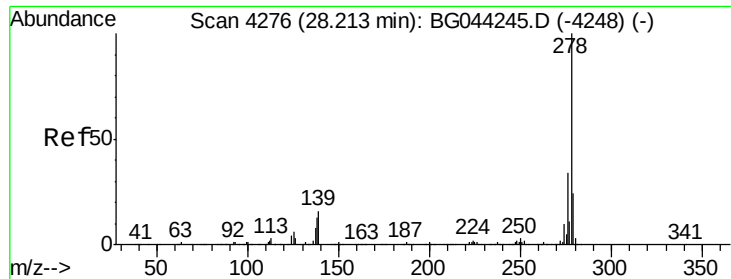
Tot Ion:252 Resp: 1215489
Ion Ratio Lower Upper
252 100
253 24.1 19.1 28.7
125 10.7 8.6 12.8



#90
Benzo(a)pyrene
Concen: 47.288 ng
RT: 24.46 min Scan# 3638
Delta R.T. -0.01 min
Lab File: BG044445.D
Acq: 14 Feb 2020 19:18

Tgt Ion:252 Resp: 1143456
Ion Ratio Lower Upper
252 100
253 23.3 18.1 27.1
125 11.0 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 49.757 ng

RT: 28.15 min Scan# 4266

Delta R.T. -0.02 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MS

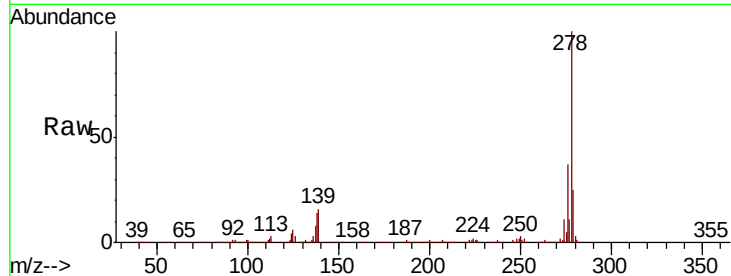
Tot Ion:278 Resp: 1190728

Ion Ratio Lower Upper

278 100

139 15.7 12.7 19.1

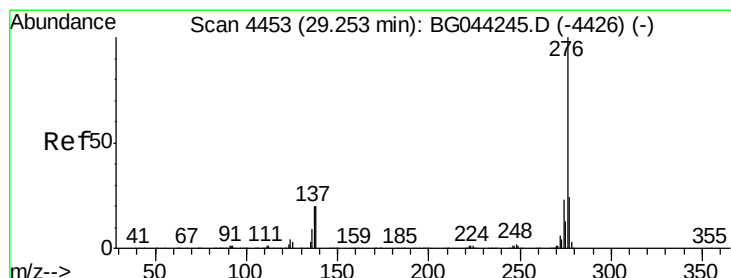
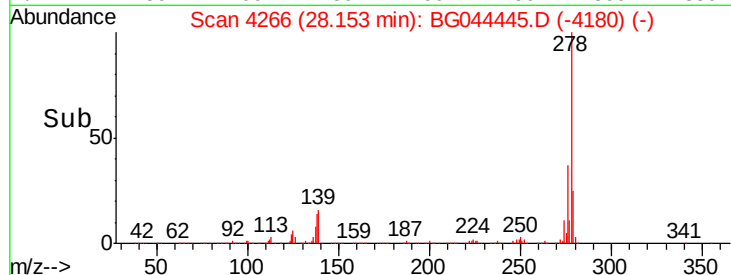
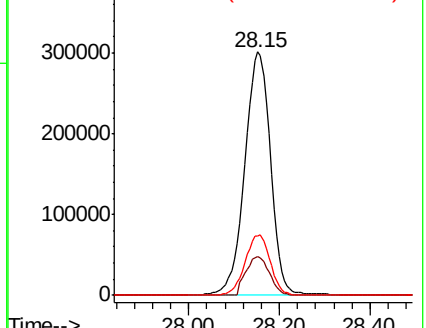
279 24.6 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.880 ng

RT: 29.19 min Scan# 4442

Delta R.T. -0.02 min

Lab File: BG044445.D

Acq: 14 Feb 2020 19:18

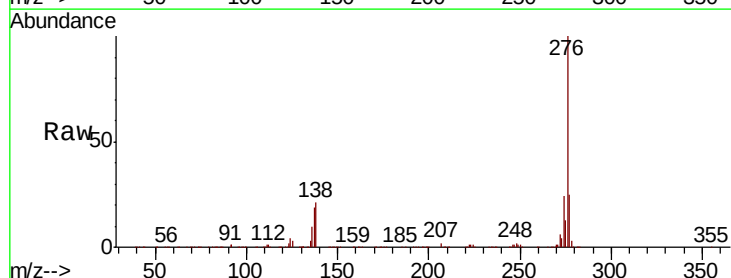
Tgt Ion:276 Resp: 1218897

Ion Ratio Lower Upper

276 100

277 25.1 18.8 28.2

138 20.9 16.2 24.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

