

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
 Data File : BG044319.D
 Acq On : 6 Feb 2020 12:38
 Operator : CG/JU
 Sample : PB126601BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BS

Quant Time: Feb 06 21:44:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	108961	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	467518	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	303236	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	634120	20.00	ng	0.00
76) Chrysene-d12	21.54	240	545486	20.00	ng	0.00
87) Perylene-d12	24.63	264	505323	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	670524	108.60	ng	0.00
7) Phenol-d6	7.09	99	880303	106.18	ng	0.00
23) Nitrobenzene-d5	9.07	82	533571	64.43	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	340853	95.75	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1207028	66.66	ng	0.00
79) Terphenyl-d14	19.91	244	1700746	64.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	84385	30.421	ng	98
3) Pyridine	3.78	79	205049	27.745	ng	98
4) n-Nitrosodimethylamine	3.69	42	107623	34.849	ng	95
6) Aniline	7.24	93	281576	27.361	ng	98
8) 2-Chlorophenol	7.48	128	288985	42.589	ng	99
9) Benzaldehyde	7.05	77	80792	17.110	ng	100
10) Phenol	7.12	94	352034	42.904	ng	100
11) bis(2-Chloroethyl)ether	7.34	93	263532	37.568	ng	97
12) 1,3-Dichlorobenzene	7.81	146	287347	35.468	ng	98
13) 1,4-Dichlorobenzene	7.95	146	293711	36.604	ng	99
14) 1,2-Dichlorobenzene	8.27	146	278458	36.715	ng	97
15) Benzyl Alcohol	8.15	79	237268	40.423	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.45	45	337276	35.524	ng	98
17) 2-Methylphenol	8.36	107	247056	42.202	ng	97
18) Hexachloroethane	9.00	117	106200	35.270	ng	98
19) n-Nitroso-di-n-propylamine	8.72	70	202103	36.577	ng	97
20) 3+4-Methylphenols	8.69	107	337531	41.836	ng	99
22) Acetophenone	8.73	105	388722	34.179	ng	99
24) Nitrobenzene	9.11	77	288251	35.655	ng	99
25) Isophorone	9.64	82	559042	36.220	ng	99
26) 2-Nitrophenol	9.83	139	163162	38.895	ng	99
27) 2,4-Dimethylphenol	9.89	122	273877	46.251	ng	99
28) bis(2-Chloroethoxy)methane	10.12	93	357727	34.743	ng	99
29) 2,4-Dichlorophenol	10.37	162	285987	39.942	ng	98
30) 1,2,4-Trichlorobenzene	10.58	180	286143	34.853	ng	98
31) Naphthalene	10.76	128	828921	36.544	ng	99
32) Benzoic acid	10.05	122	172063	45.261	ng	91
33) 4-Chloroaniline	10.87	127	216972	21.032	ng	99
34) Hexachlorobutadiene	11.06	225	166181	32.895	ng	97
35) Caprolactam	11.64	113	102718	39.162	ng	99
36) 4-Chloro-3-methylphenol	12.01	107	295283	39.334	ng	100
37) 2-Methylnaphthalene	12.37	142	620820	36.863	ng	100
38) 1-Methylnaphthalene	12.59	142	589480	37.126	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	306718	33.814	ng	99

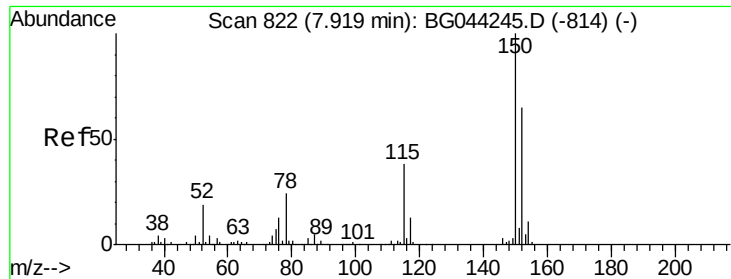
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
 Data File : BG044319.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	301028	69.163	nq	99
43) 2,4,6-Trichlorophenol	12.98	196	225828	38.517	nq	100
44) 2,4,5-Trichlorophenol	13.06	196	240615	40.179	nq	100
46) 1,1'-Biphenyl	13.38	154	777661	35.554	nq	100
47) 2-Chloronaphthalene	13.42	162	612108	35.168	nq	99
48) 2-Nitroaniline	13.62	65	177291	34.515	nq	97
49) Acenaphthylene	14.28	152	943861	36.972	nq	100
50) Dimethylphthalate	14.01	163	775432	35.574	nq	100
51) 2,6-Dinitrotoluene	14.12	165	177220	36.464	nq	98
52) Acenaphthene	14.62	154	593322	35.857	nq	98
53) 3-Nitroaniline	14.45	138	136561	25.397	nq	96
54) 2,4-Dinitrophenol	14.66	184	215411	75.296	nq	96
55) Dibenzofuran	14.95	168	910625	36.348	nq	99
56) 4-Nitrophenol	14.77	139	317162	80.525	nq	96
57) 2,4-Dinitrotoluene	14.91	165	244266	35.859	nq	97
58) Fluorene	15.60	166	714616	36.215	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	211506	39.101	nq	99
60) Diethylphthalate	15.37	149	761696	35.070	nq	100
61) 4-Chlorophenyl-phenylether	15.59	204	377664	35.299	nq	98
62) 4-Nitroaniline	15.61	138	169954	31.632	nq	95
63) Azobenzene	15.89	77	674533	35.435	nq	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	152413	43.542	nq	97
66) n-Nitrosodiphenylamine	15.81	169	665651	37.458	nq	99
67) 4-Bromophenyl-phenylether	16.48	248	248528	35.973	nq	98
68) Hexachlorobenzene	16.61	284	270596	34.961	nq	99
69) Atrazine	16.76	200	241821	39.701	nq	98
70) Pentachlorophenol	16.95	266	314234	80.273	nq	97
71) Phenanthrene	17.34	178	1119226	36.449	nq	99
72) Anthracene	17.43	178	1145571	37.735	nq	99
73) Carbazole	17.69	167	1022965	36.552	nq	99
74) Di-n-butylphthalate	18.26	149	1269057	36.694	nq	99
75) Fluoranthene	19.35	202	1281137	36.067	nq	99
77) Benzidine	19.52	184	210839	13.935	nq	97
78) Pyrene	19.71	202	1282582	36.612	nq	99
80) Butylbenzylphthalate	20.60	149	577729	36.189	nq	97
81) Benzo(a)anthracene	21.53	228	1236434	36.778	nq	99
82) 3,3'-Dichlorobenzidine	21.44	252	371789	28.494	nq	100
83) Chrysene	21.58	228	1186559	36.514	nq	100
84) Bis(2-ethylhexyl)phthalate	21.44	149	816833	37.174	nq	99
85) Di-n-octyl phthalate	22.61	149	1427158	37.538	nq	100
86) Indeno(1,2,3-cd)pyrene	28.15	276	1512404	35.674	nq	99
88) Benzo(b)fluoranthene	23.66	252	1334423	45.827	nq	99
89) Benzo(k)fluoranthene	23.72	252	1253401	44.165	nq	100
90) Benzo(a)pyrene	24.49	252	1194668	43.393	nq	99
91) Dibenzo(a,h)anthracene	28.19	278	1270208	46.619	nq	100
92) Benzo(g,h,i)perylene	29.23	276	1281510	46.983	nq	98

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

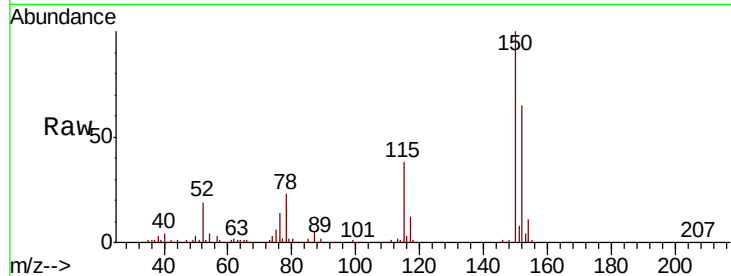


#1

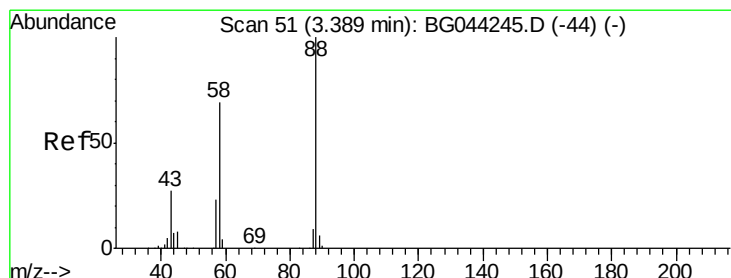
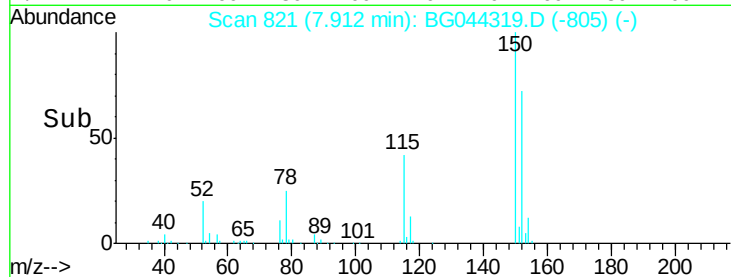
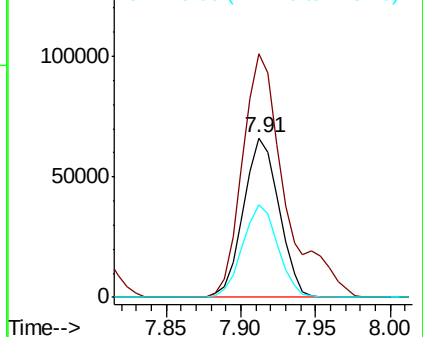
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	122.6	183.8
115	58.3	46.0	69.0



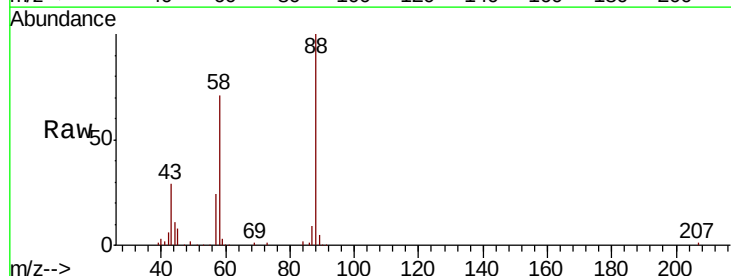
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



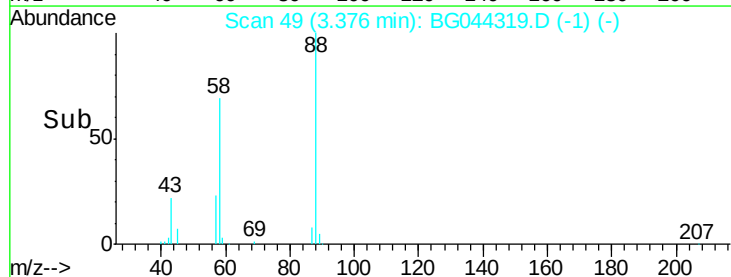
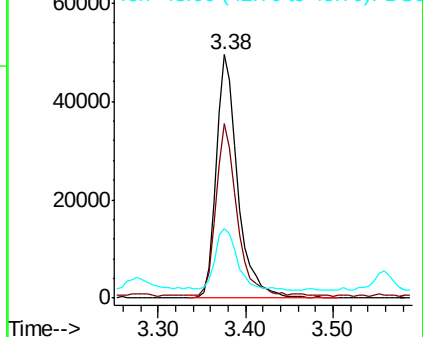
#2

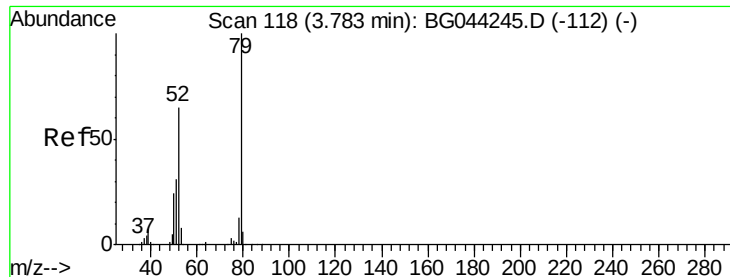
1,4-Dioxane
Concen: 30.421 ng
RT: 3.38 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.7	55.8	83.6
43	24.2	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: 27.745 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB126601BS

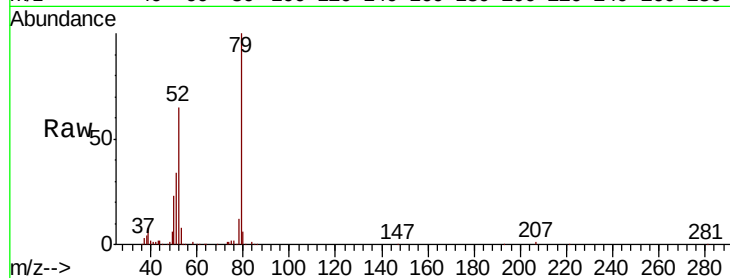
Tot Ion: 79 Resp: 205049

Ion Ratio Lower Upper

79 100

52 65.5 51.9 77.9

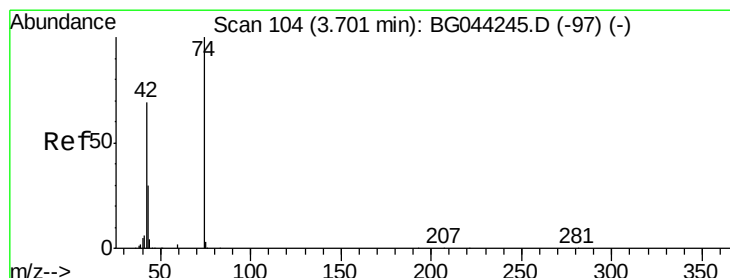
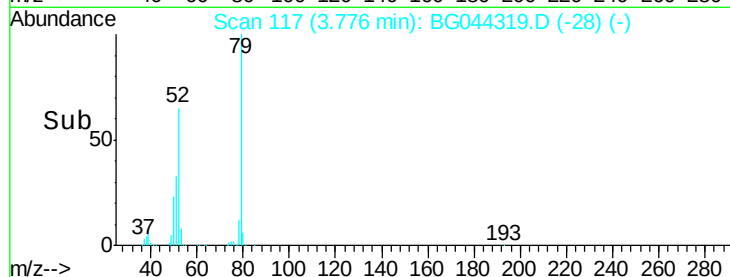
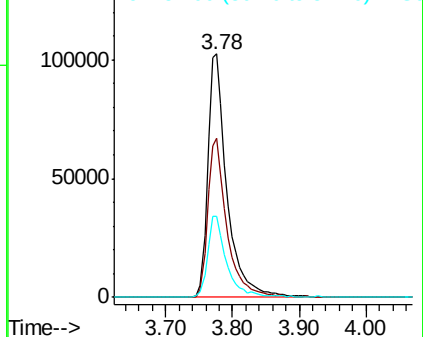
51 33.6 25.3 37.9



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: 34.849 ng

RT: 3.69 min Scan# 102

Delta R.T. -0.01 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

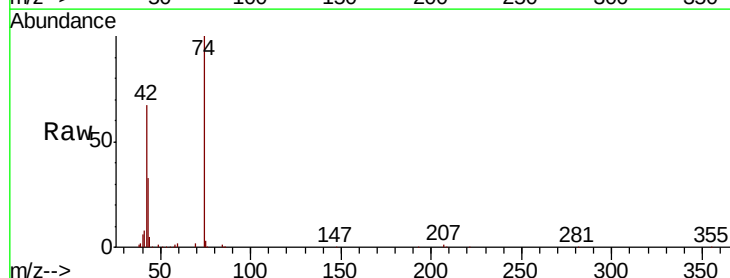
Tgt Ion: 42 Resp: 107623

Ion Ratio Lower Upper

42 100

74 150.0 115.1 172.7

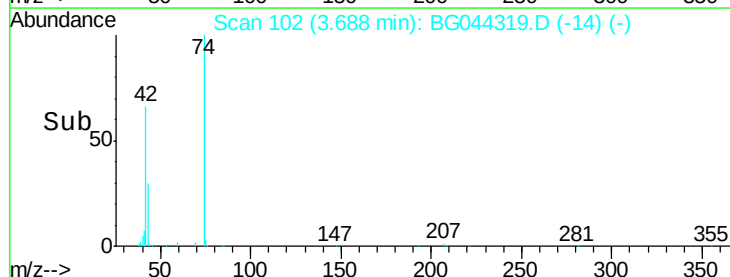
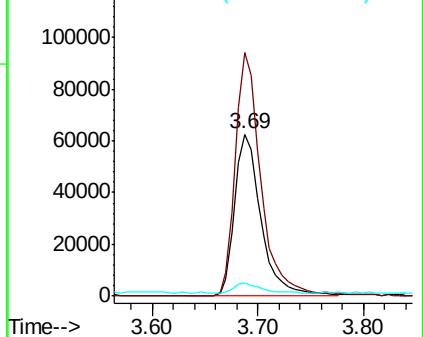
44 8.2 5.6 8.4

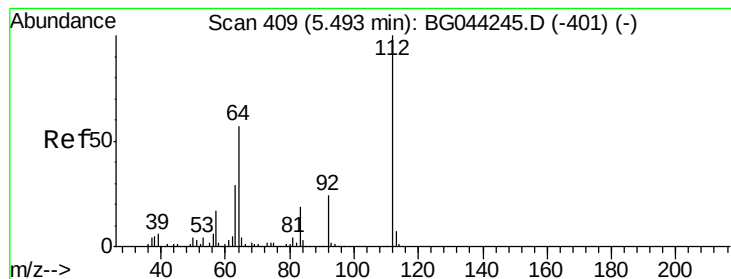


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 108.605 ng

RT: 5.50 min Scan# 410

Delta R.T. 0.00 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB126601BS

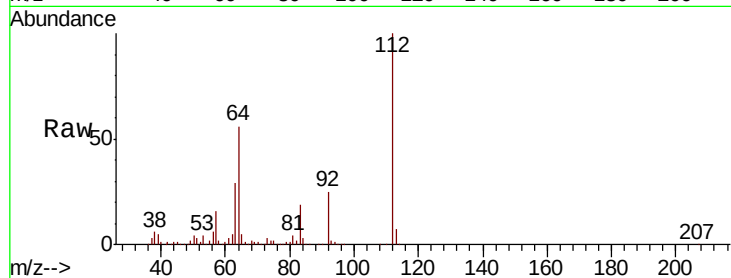
Tot Ion:112 Resp: 670524

Ion Ratio Lower Upper

112 100

64 55.5 45.4 68.2

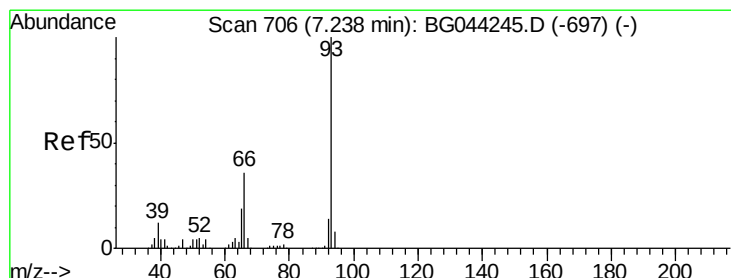
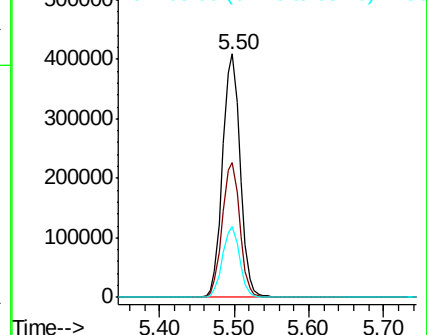
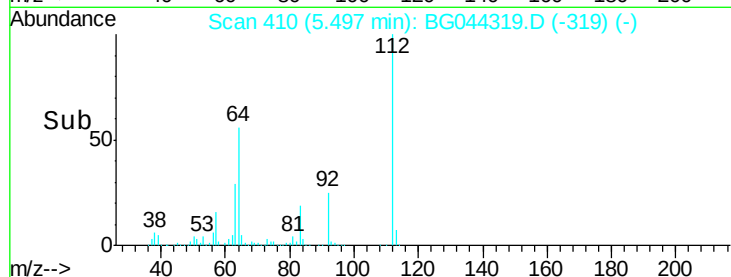
63 29.2 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.361 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

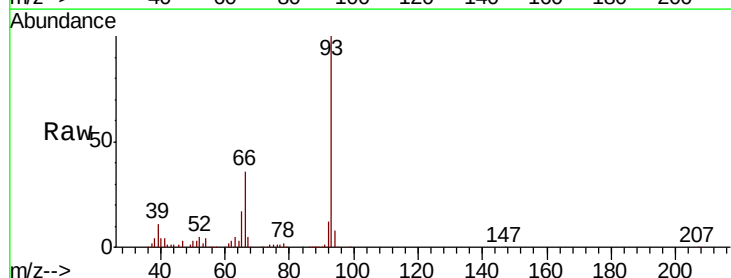
Tgt Ion: 93 Resp: 281576

Ion Ratio Lower Upper

93 100

66 36.1 28.7 43.1

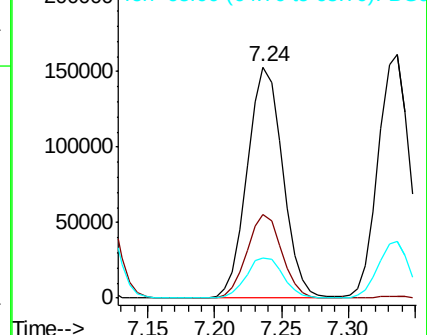
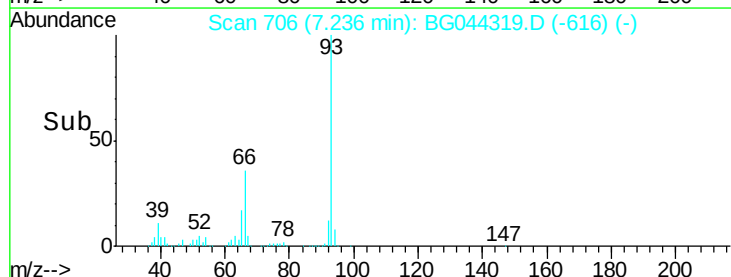
65 17.3 15.4 23.0

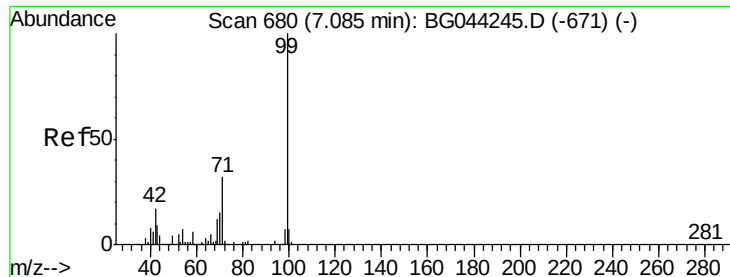


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 106.179 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB126601BS

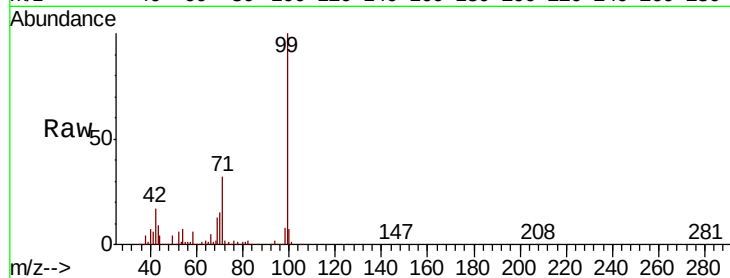
Tot Ion: 99 Resp: 880303

Ion Ratio Lower Upper

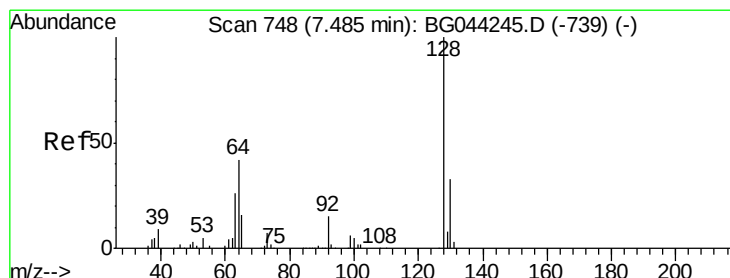
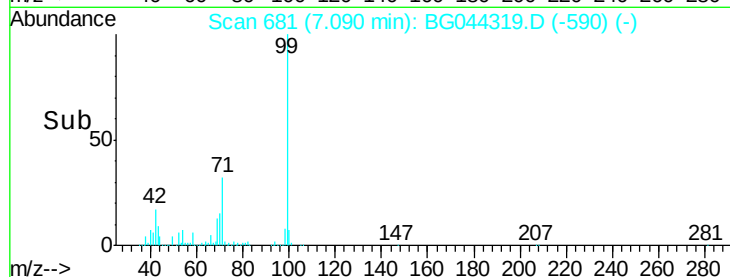
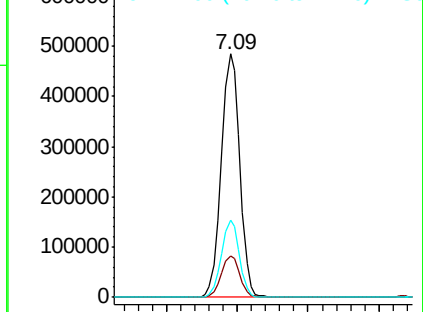
99 100

42 16.8 13.8 20.6

71 31.8 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.589 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.00 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

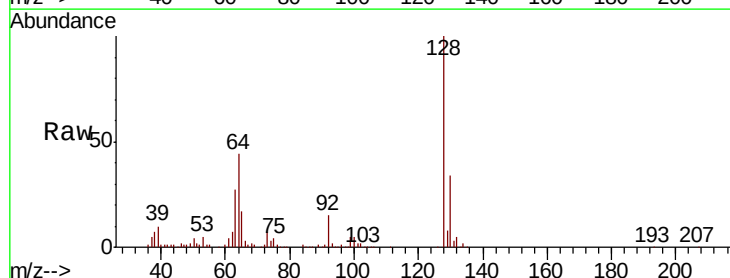
Tgt Ion:128 Resp: 288985

Ion Ratio Lower Upper

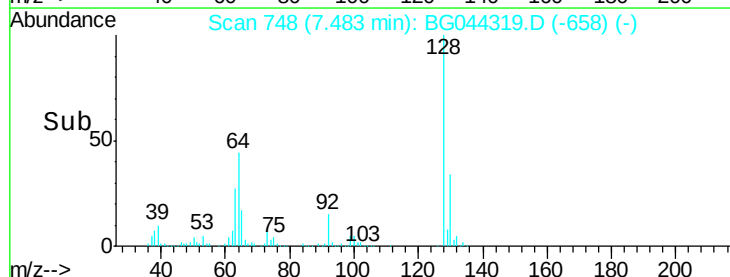
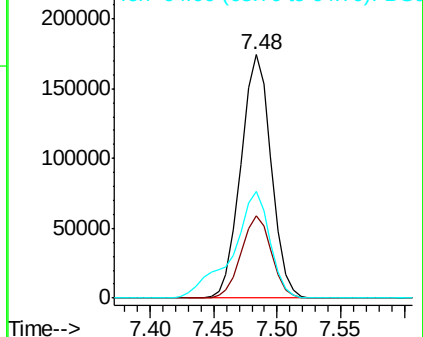
128 100

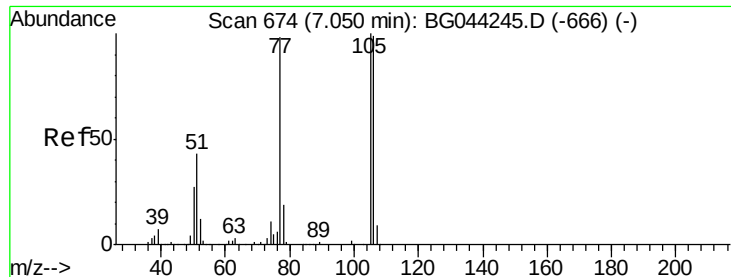
130 33.8 12.5 52.5

64 43.6 24.2 64.2



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





#9

Benzaldehyde

Concen: 17.110 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB126601BS

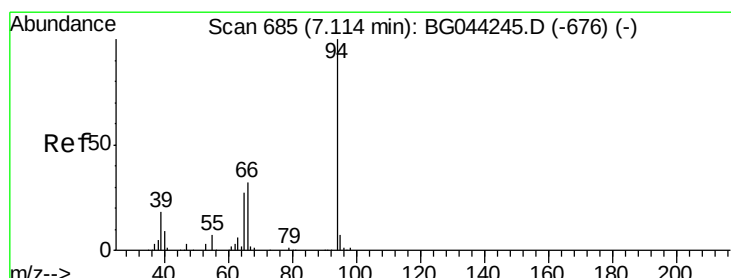
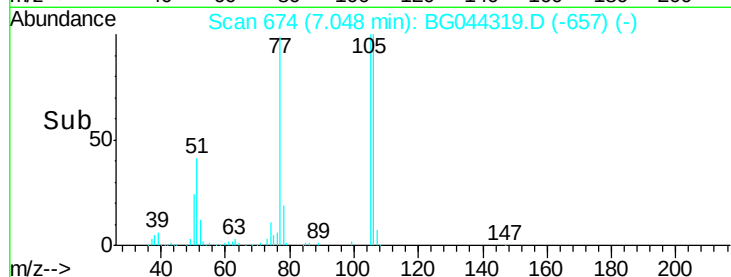
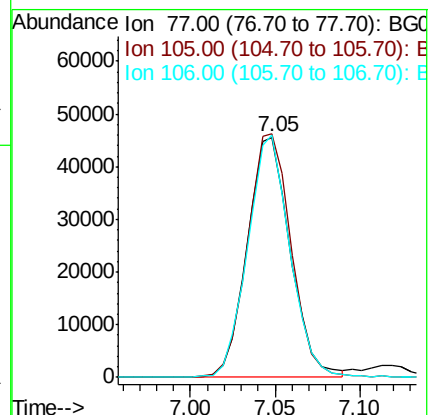
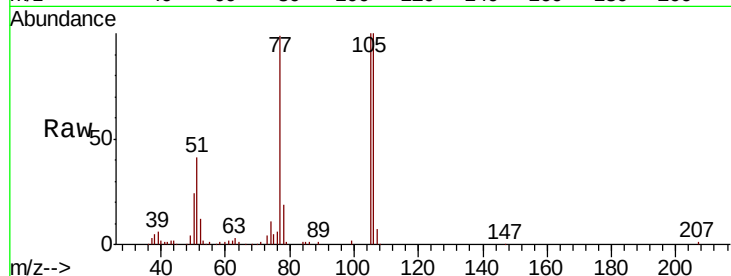
Tot Ion: 77 Resp: 80792

Ion Ratio Lower Upper

77 100

105 101.4 82.0 122.0

106 101.1 80.7 120.7



#10

Phenol

Concen: 42.904 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

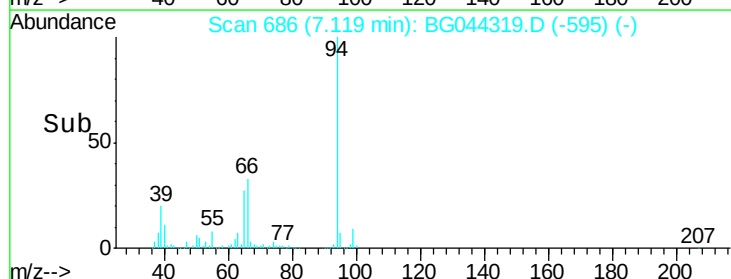
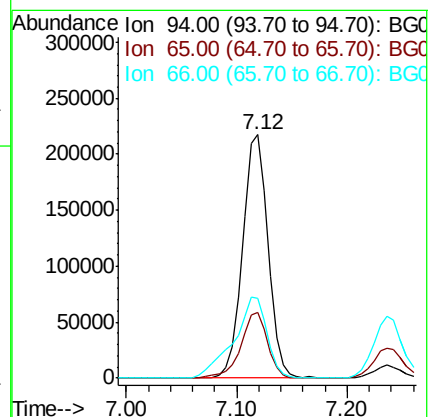
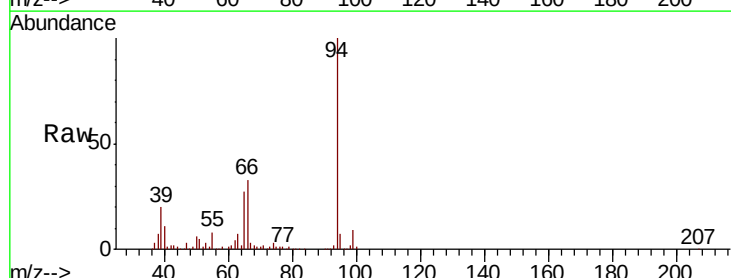
Tgt Ion: 94 Resp: 352034

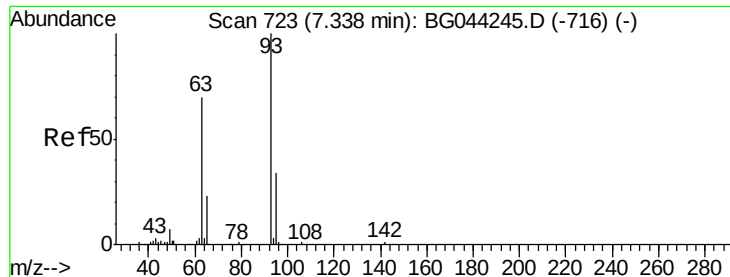
Ion Ratio Lower Upper

94 100

65 26.9 7.0 47.0

66 32.7 12.7 52.7

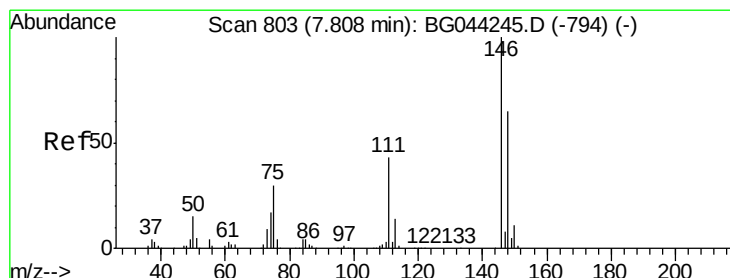
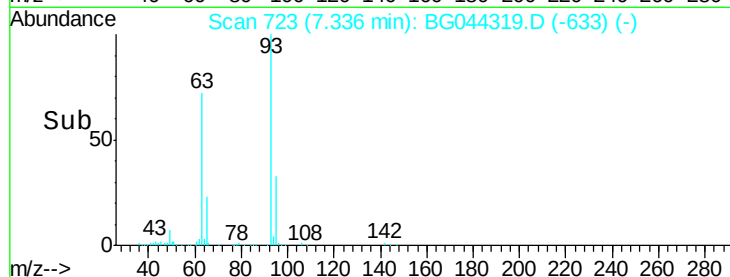
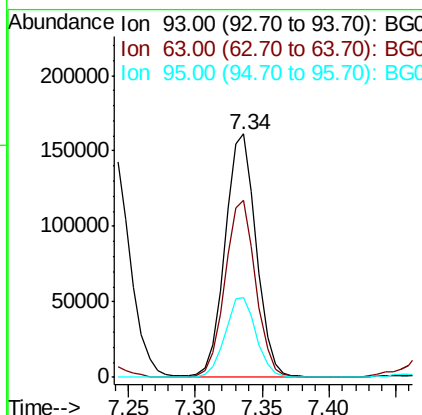
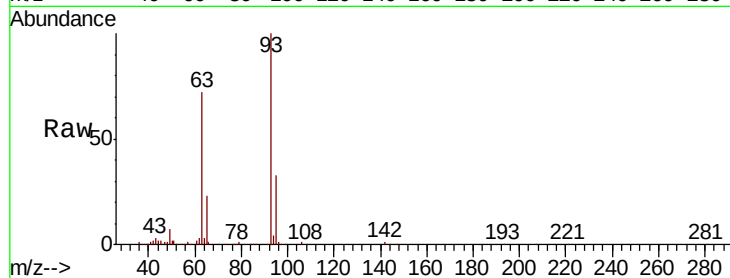




#11
bis(2-Chloroethyl)ether
Concen: 37.568 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

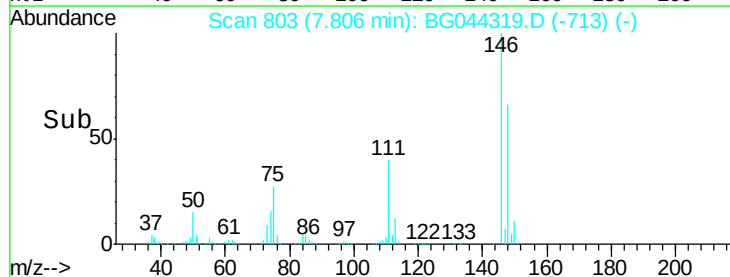
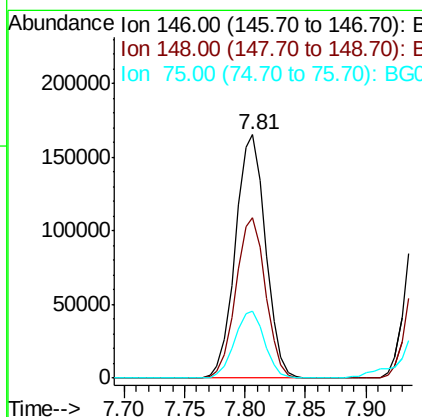
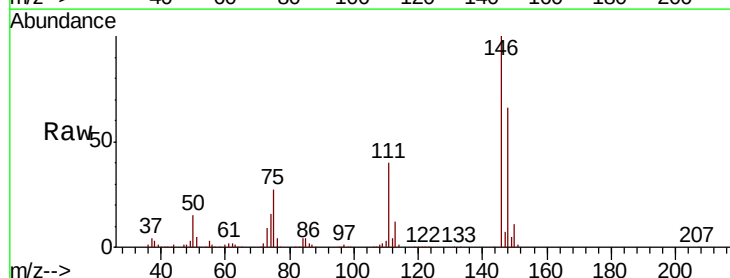
Instrument :
BNA_G
ClientSampleId :
PB126601BS

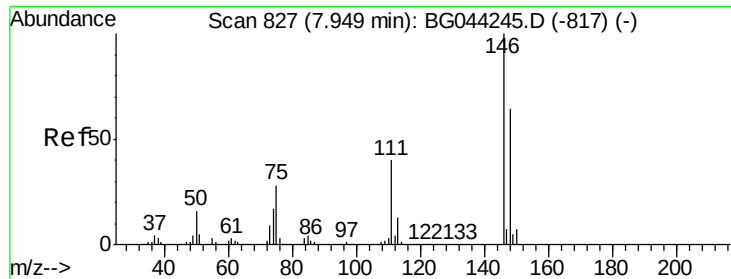
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.5	49.2	89.2
95	32.7	13.6	53.6



#12
1,3-Dichlorobenzene
Concen: 35.468 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.8	77.8
75	27.4	23.7	35.5

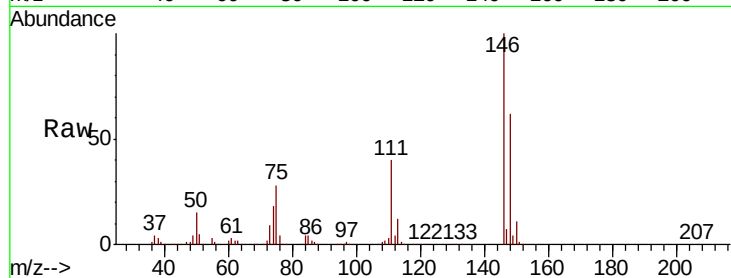




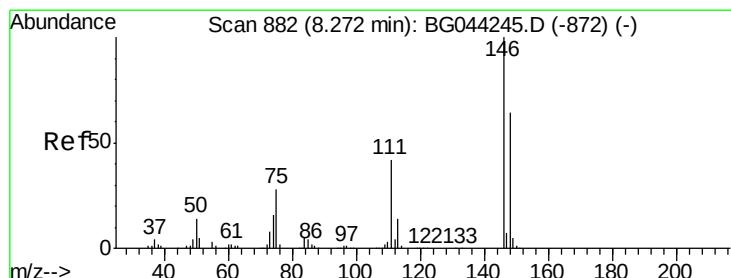
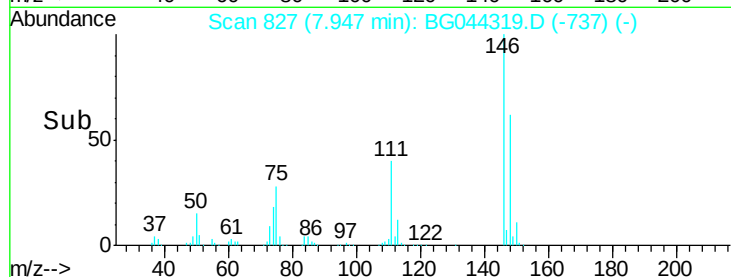
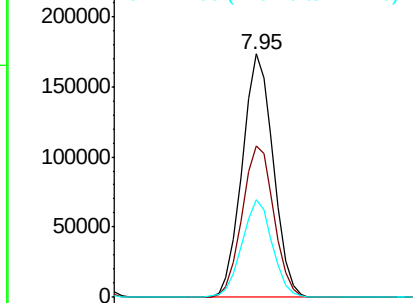
#13
 1,4-Dichlorobenzene
 Concen: 36.604 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG044319.D
 Acq: 6 Feb 2020 12:38

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BS

Tot Ion:146 Resp: 293711
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.4 77.0
 111 39.9 31.8 47.8

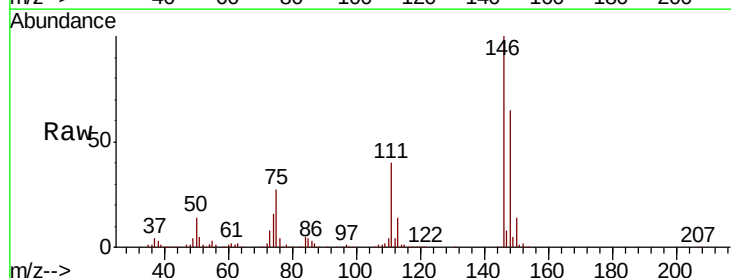


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

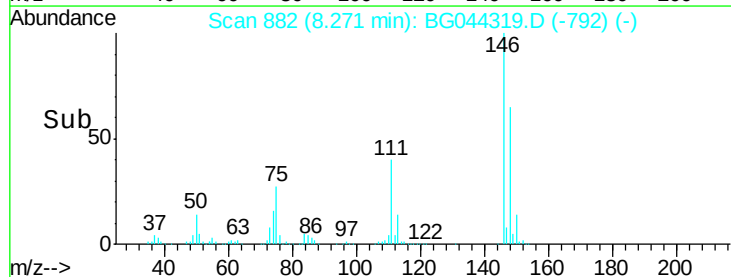
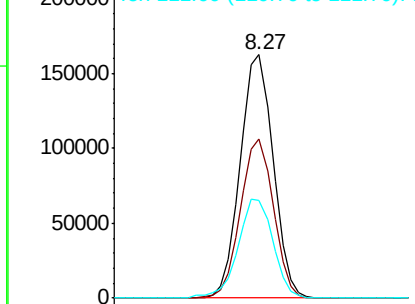


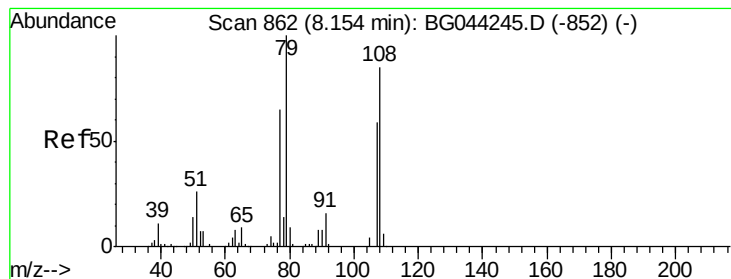
#14
 1,2-Dichlorobenzene
 Concen: 36.715 ng
 RT: 8.27 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BG044319.D
 Acq: 6 Feb 2020 12:38

Tgt Ion:146 Resp: 278458
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.2 76.8
 111 40.3 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: 40.423 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB126601BS

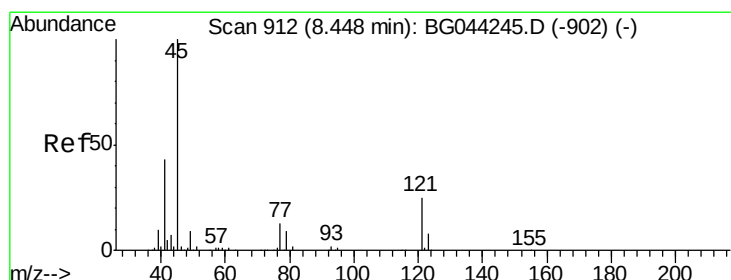
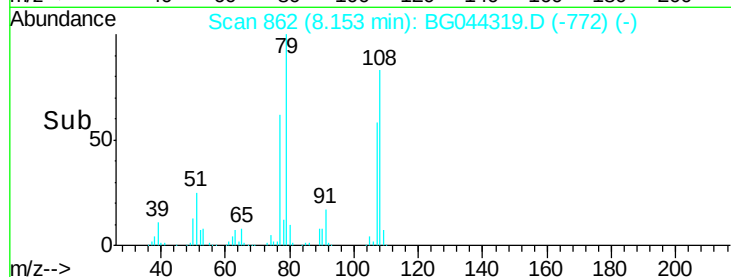
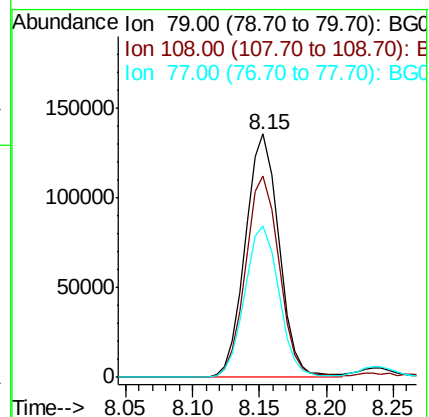
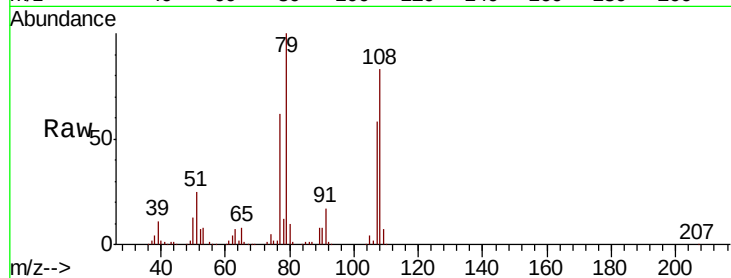
Tot Ion: 79 Resp: 237268

Ion Ratio Lower Upper

79 100

108 82.5 68.3 102.5

77 62.0 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.524 ng

RT: 8.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

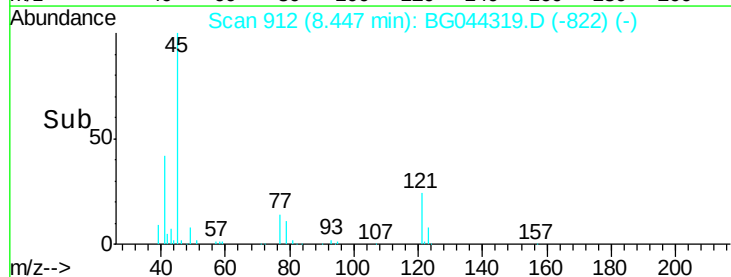
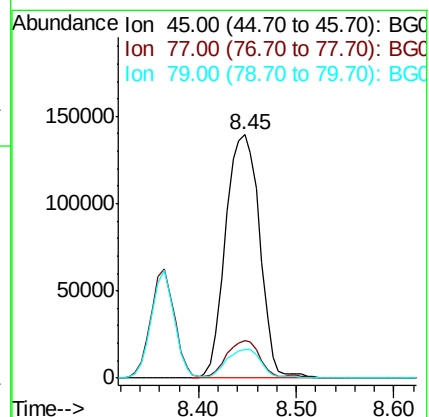
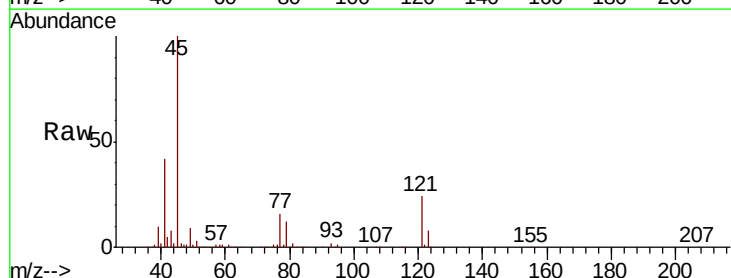
Tgt Ion: 45 Resp: 337276

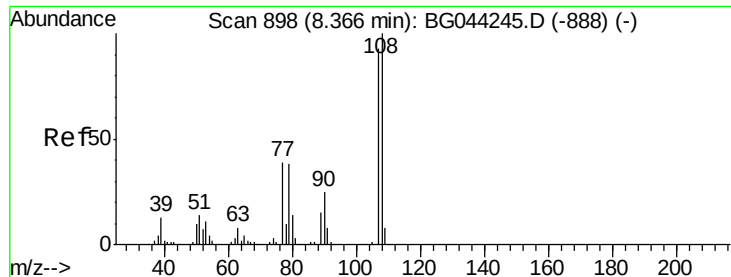
Ion Ratio Lower Upper

45 100

77 15.7 0.0 35.2

79 12.0 0.0 31.1

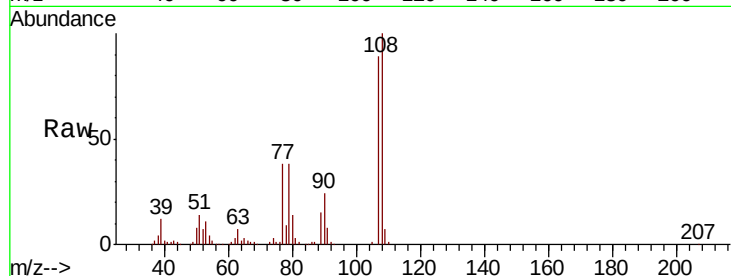




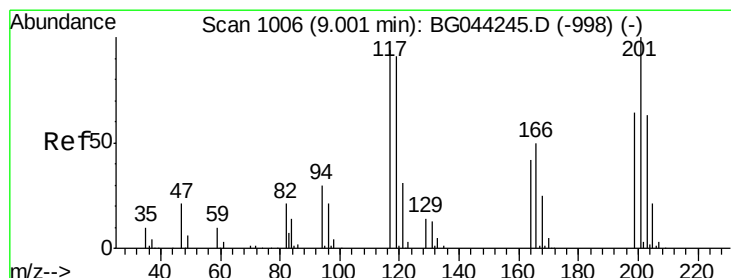
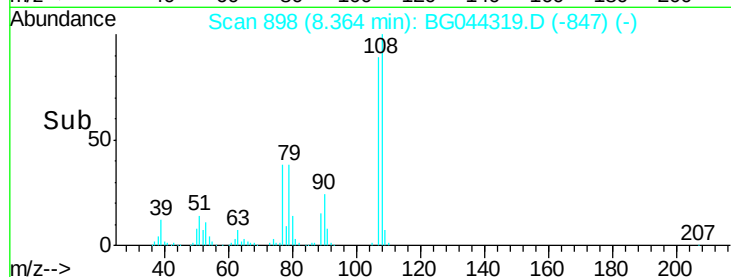
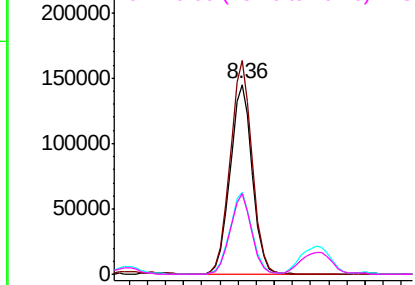
#17
2-Methylphenol
Concen: 42.202 ng
RT: 8.36 min Scan# 898
Delta R.T. -0.00 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion:	107	Resp:	247056
Ion	Ratio	Lower	Upper
107	100		
108	112.5	86.4	129.6
77	43.0	34.0	51.0
79	42.6	32.9	49.3

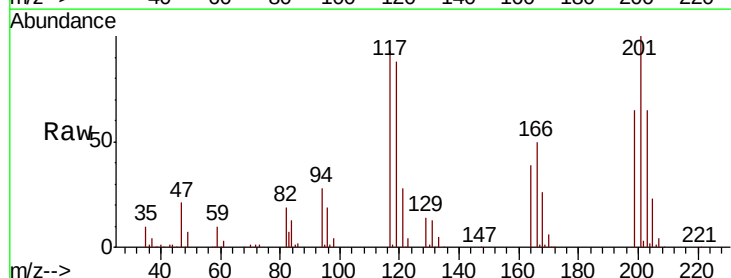


Abundance Ion 107.00 (106.70 to 107.70): E
250000 Ion 108.00 (107.70 to 108.70): E
200000 Ion 77.00 (76.70 to 77.70): BG
150000 Ion 79.00 (78.70 to 79.70): BG
100000
50000
0

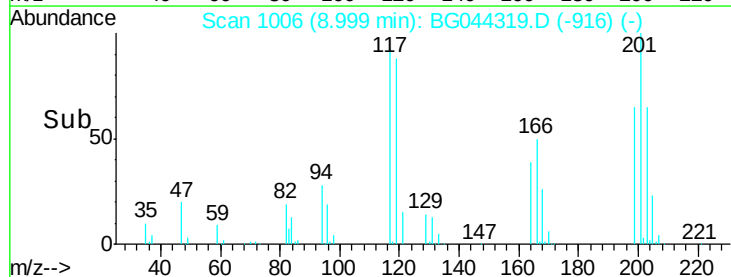
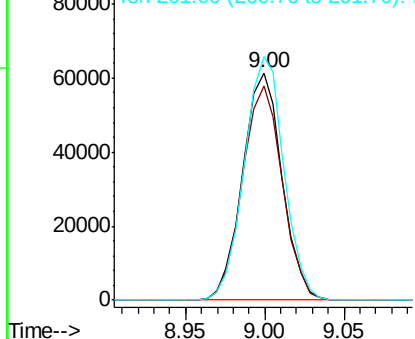


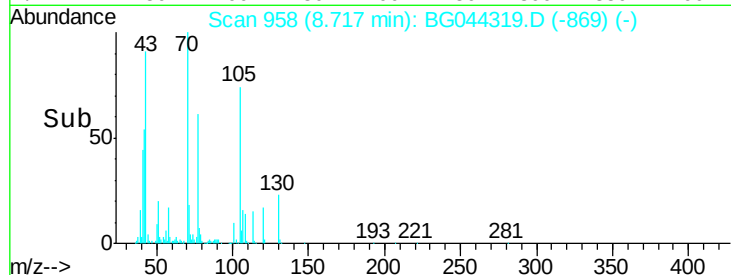
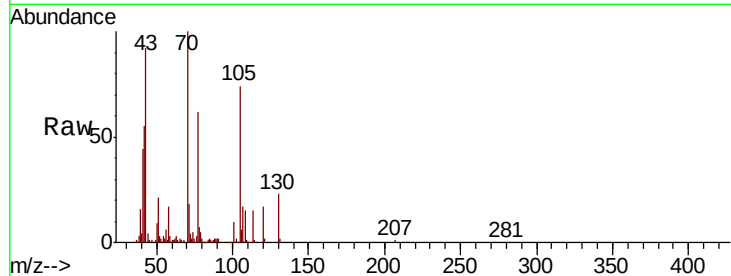
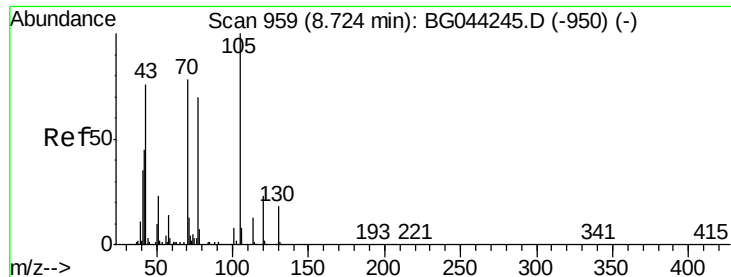
#18
Hexachloroethane
Concen: 35.270 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

Tgt Ion:	117	Resp:	106200
Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.5	116.3
201	107.3	84.9	127.3



Abundance Ion 117.00 (116.70 to 117.70): E
80000 Ion 119.00 (118.70 to 119.70): E
60000 Ion 201.00 (200.70 to 201.70): E
40000
20000
0

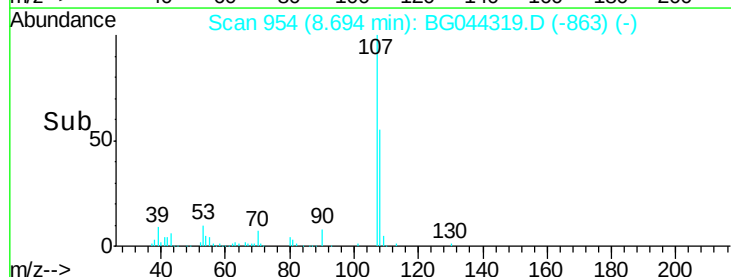
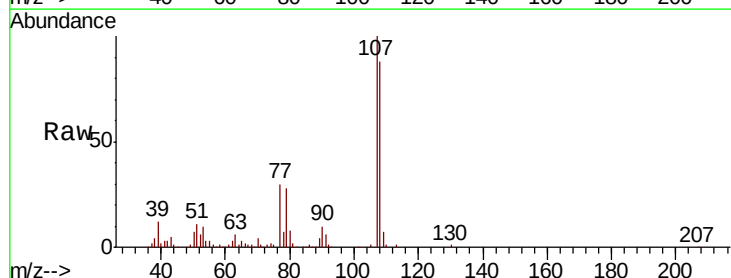
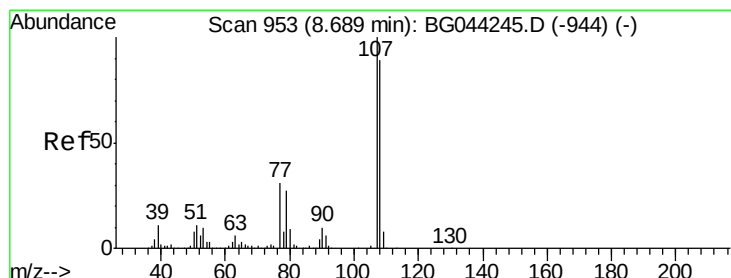
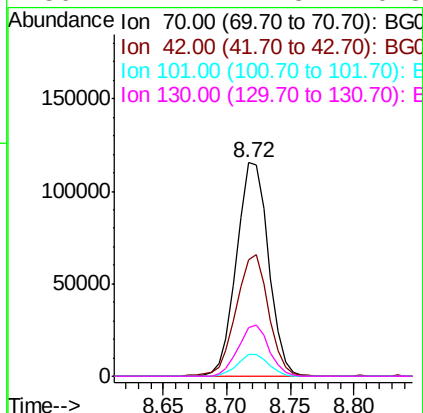




#19
n-Nitroso-di-n-propylamine
Concen: 36.577 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

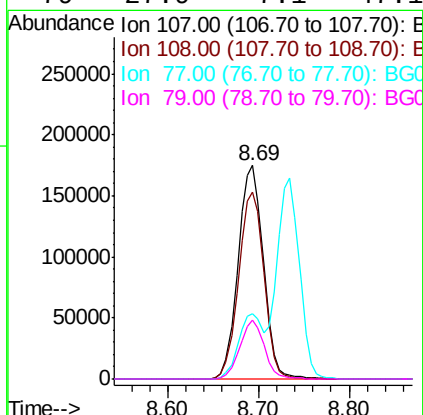
Instrument :
BNA_G
ClientSampleId :
PB126601BS

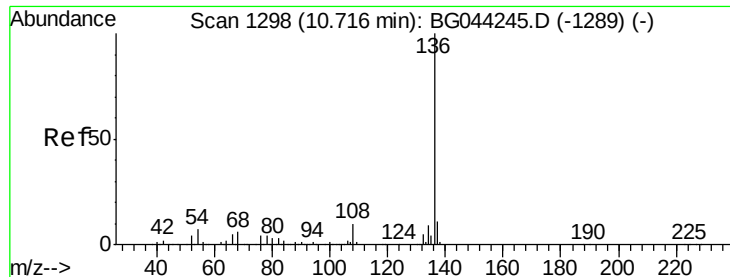
Tot Ion:	70	Resp:	202103
Ion	Ratio	Lower	Upper
70	100		
42	54.5	46.2	69.2
101	10.2	8.4	12.6
130	22.7	17.8	26.8



#20
3+4-Methylphenols
Concen: 41.836 ng
RT: 8.69 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

Tgt Ion:	107	Resp:	337531
Ion	Ratio	Lower	Upper
107	100		
108	87.6	68.5	108.5
77	30.4	10.9	50.9
79	27.9	7.1	47.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.71 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB126601BS

Tot Ion:136 Resp: 467518

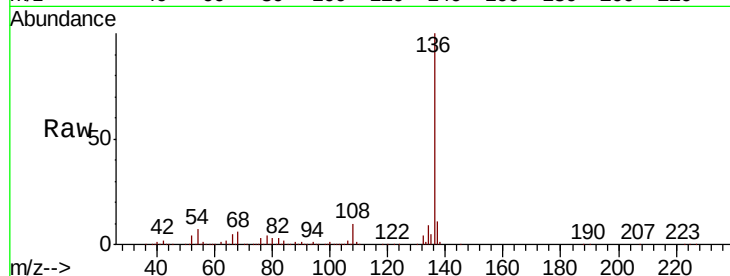
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 7.4 5.8 8.8

68 5.9 4.6 6.8

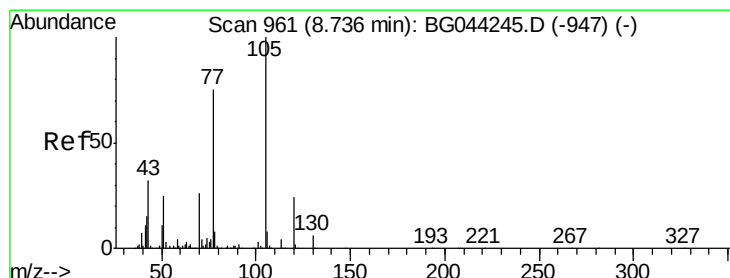
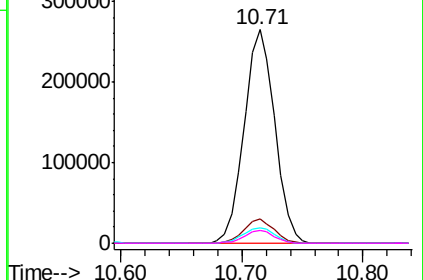
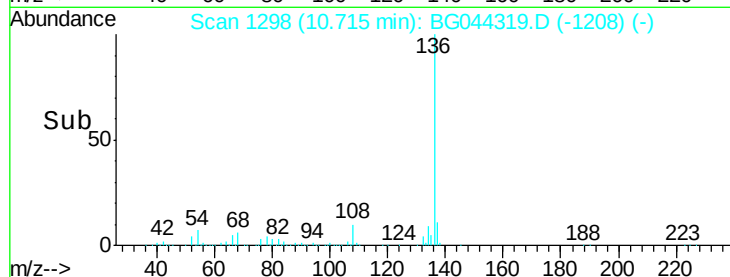


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 34.179 ng

RT: 8.73 min Scan# 961

Delta R.T. -0.00 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

Tgt Ion:105 Resp: 388722

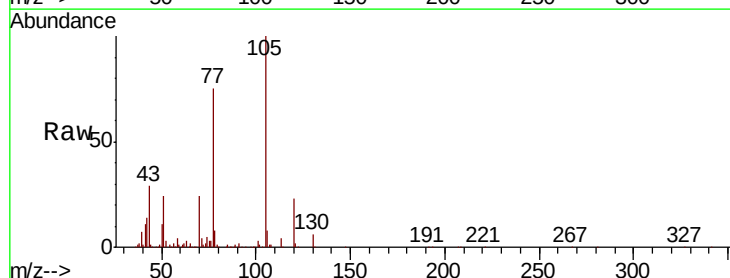
Ion Ratio Lower Upper

105 100

71 3.7 3.4 5.0

51 24.4 20.2 30.4

120 23.4 19.1 28.7

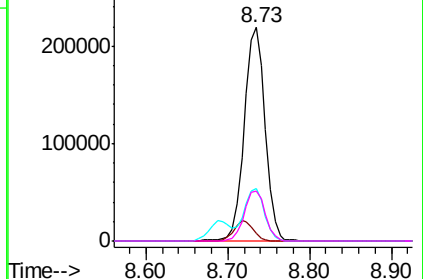
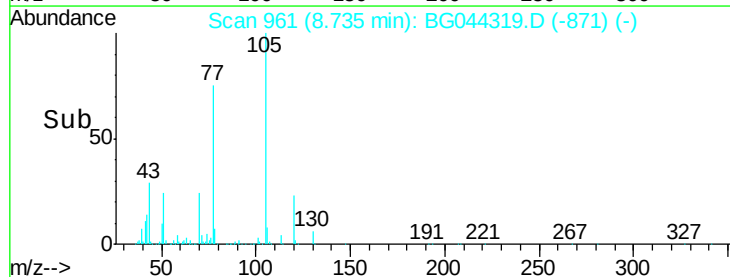


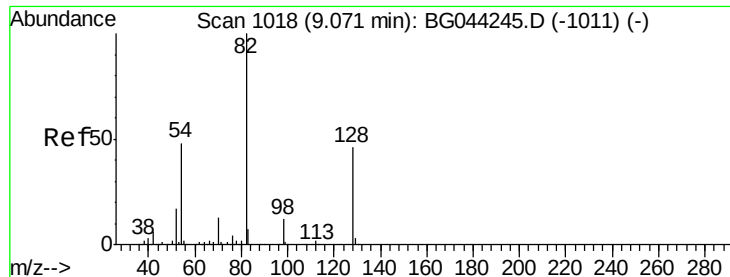
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

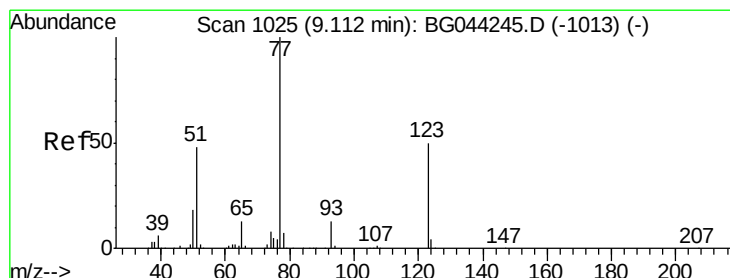
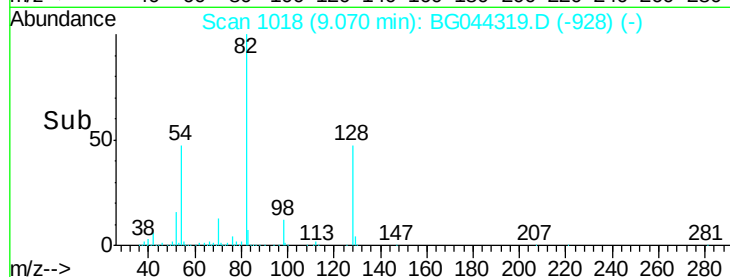
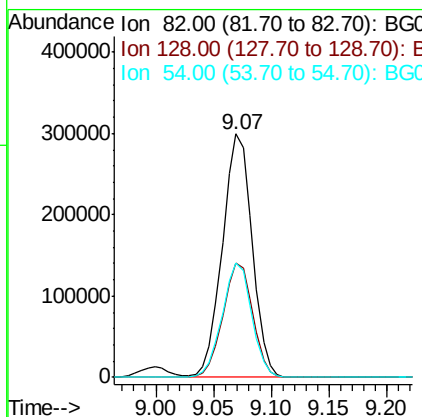
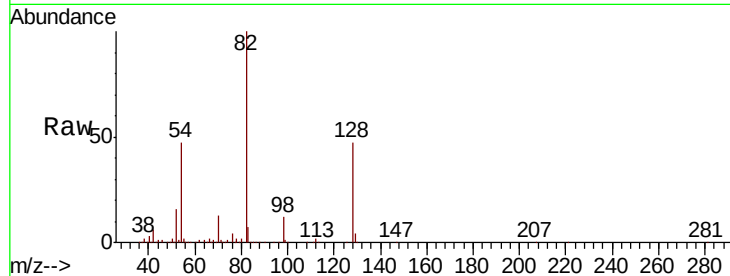




#23
 Nitrobenzene-d5
 Concen: 64.433 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BG044319.D
 Acq: 6 Feb 2020 12:38

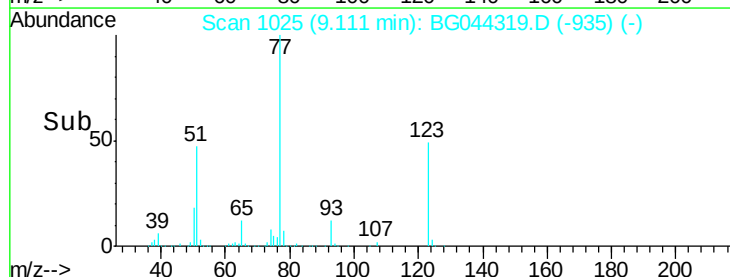
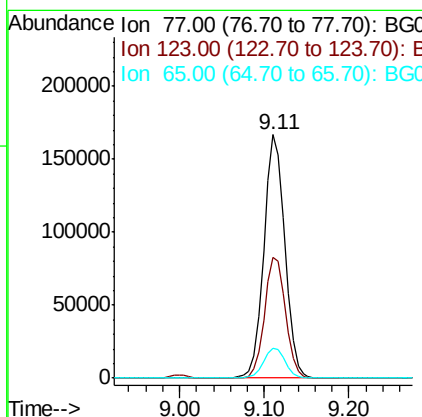
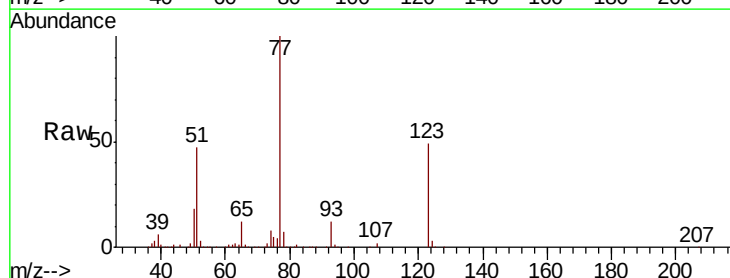
Instrument :
 BNA_G
 ClientSampleId :
 PB126601BS

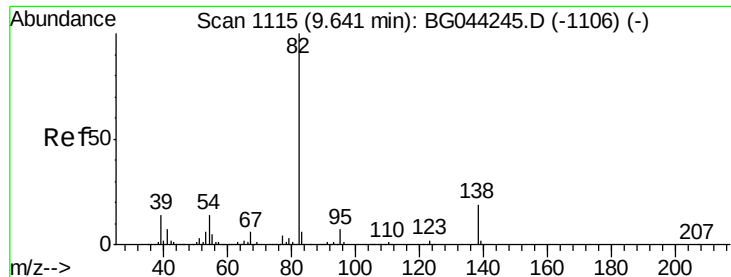
Tot Ion	82	Resp	533571
Ion Ratio	100	Lower	Upper
128	46.8	36.5	54.7
54	46.8	38.6	58.0



#24
 Nitrobenzene
 Concen: 35.655 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG044319.D
 Acq: 6 Feb 2020 12:38

Tgt Ion	77	Resp	288251
Ion Ratio	100	Lower	Upper
123	49.5	39.9	59.9
65	12.2	10.4	15.6





#25

Isophorone

Concen: 36.220 ng

RT: 9.64 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB126601BS

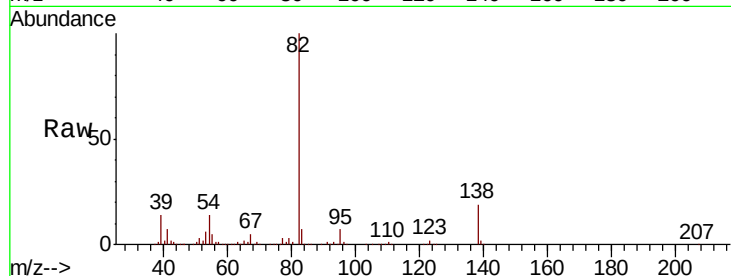
Tot Ion: 82 Resp: 559042

Ion Ratio Lower Upper

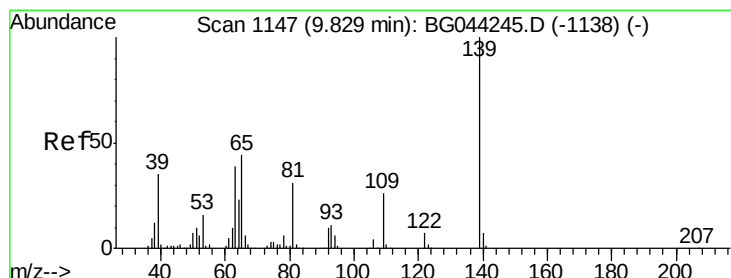
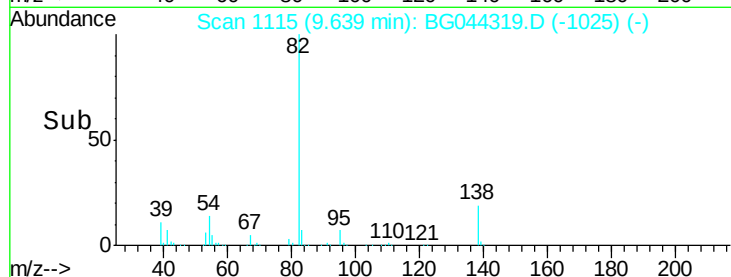
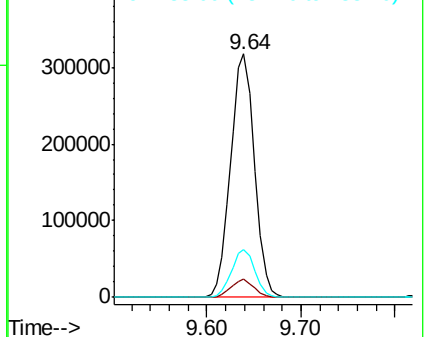
82 100

95 7.4 5.7 8.5

138 19.4 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: 38.895 ng

RT: 9.83 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

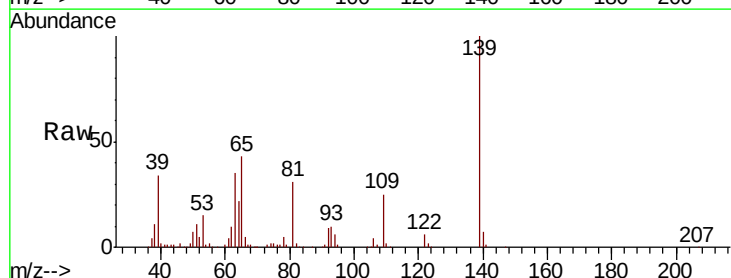
Tgt Ion: 139 Resp: 163162

Ion Ratio Lower Upper

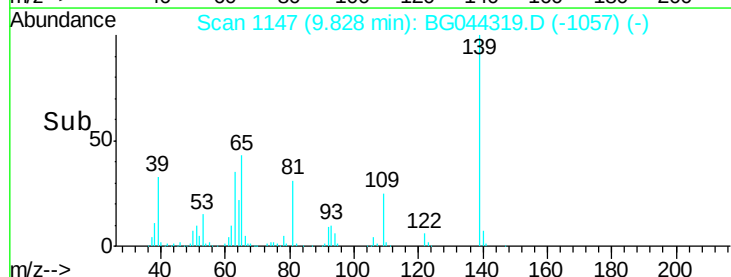
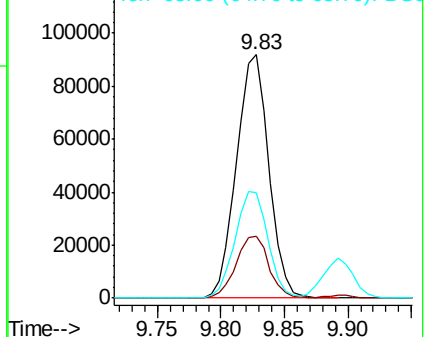
139 100

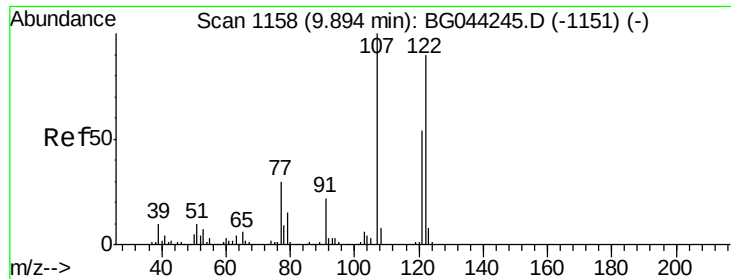
109 25.4 21.0 31.4

65 43.4 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: 46.251 ng

RT: 9.89 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB126601BS

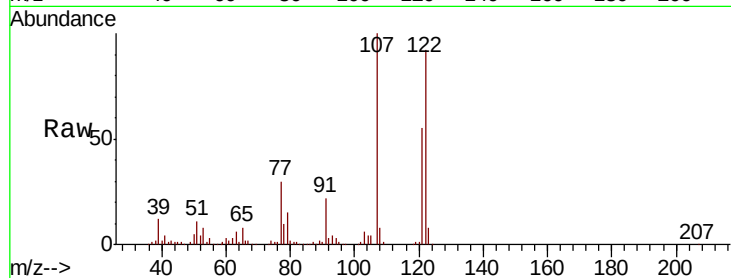
Tot Ion:122 Resp: 273877

Ion Ratio Lower Upper

122 100

107 108.9 88.8 133.2

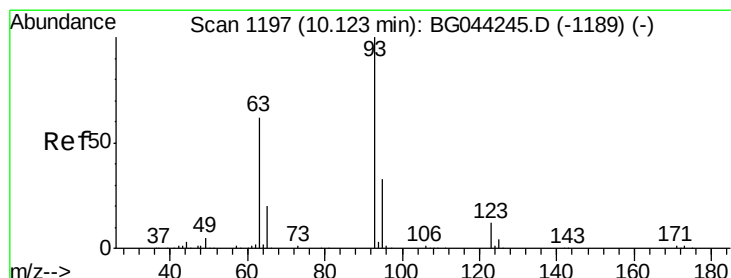
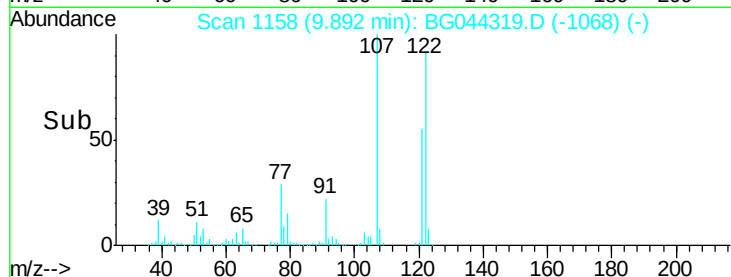
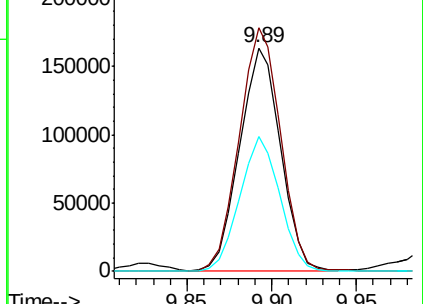
121 60.1 48.3 72.5



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: 34.743 ng

RT: 10.12 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

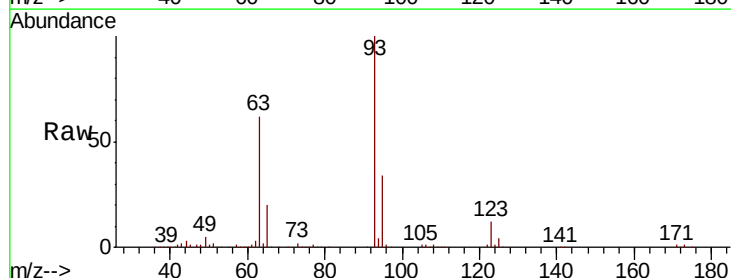
Tgt Ion: 93 Resp: 357727

Ion Ratio Lower Upper

93 100

95 34.2 26.6 40.0

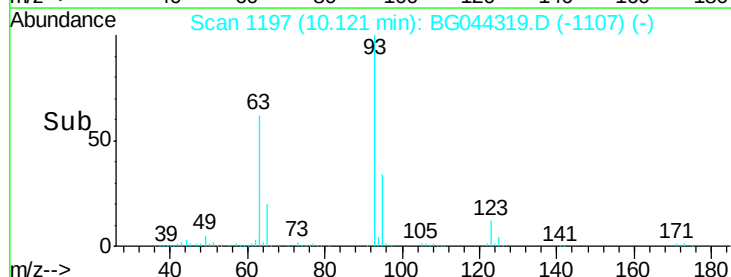
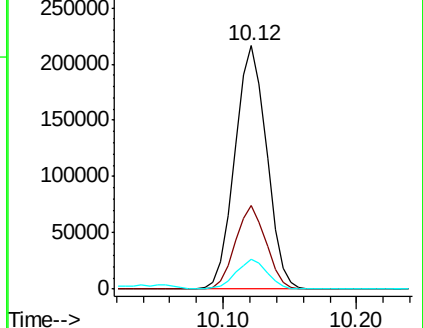
123 12.2 10.0 15.0

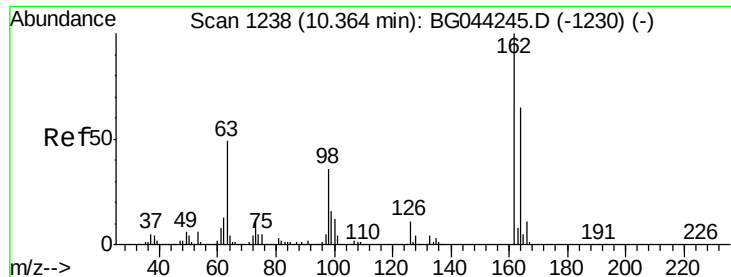


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

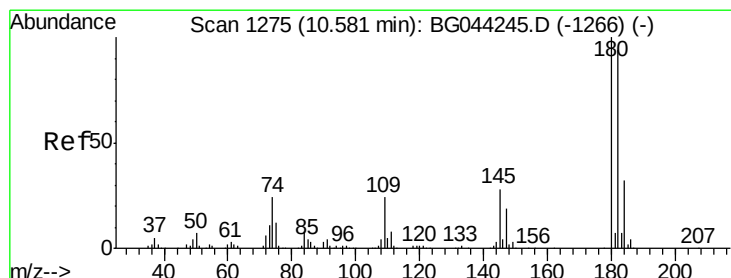
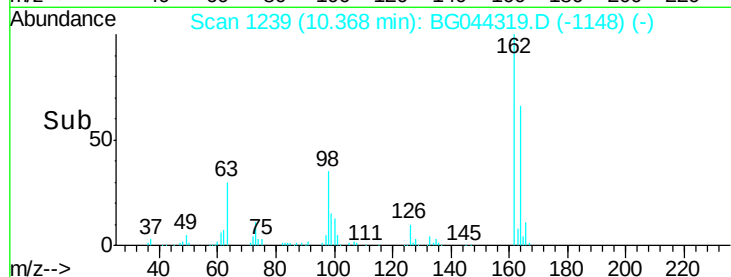
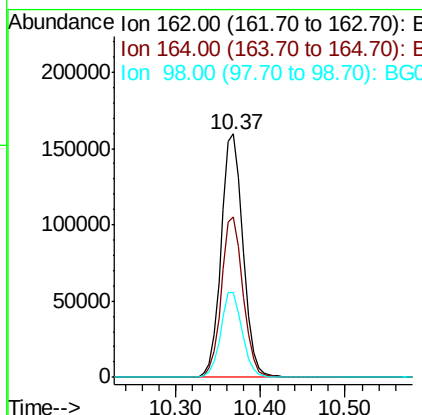
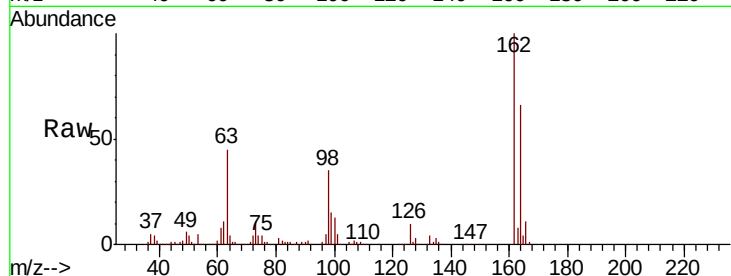




#29
 2,4-Dichlorophenol
 Concen: 39.942 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BG044319.D
 Acq: 6 Feb 2020 12:38

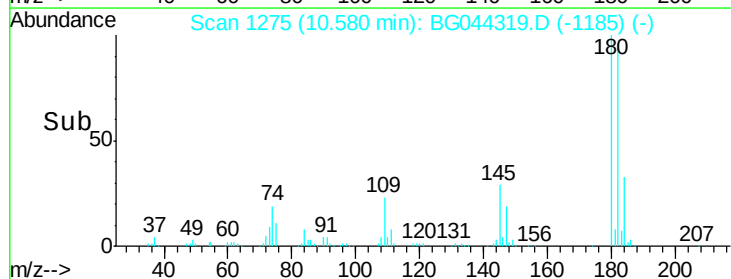
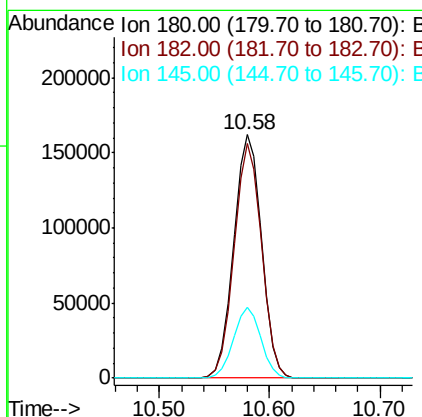
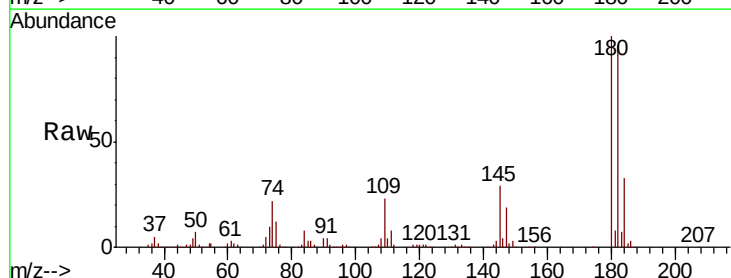
Instrument :
 BNA_G
 ClientSampleId :
 PB126601BS

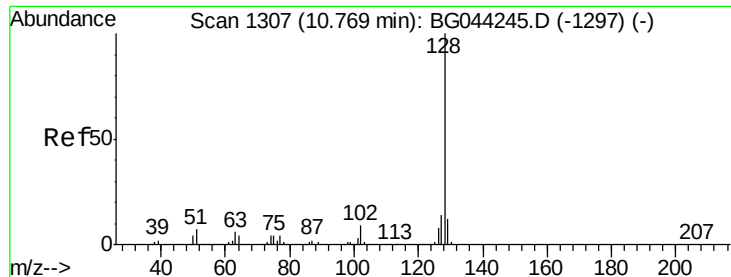
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	44.7	84.7
98	35.0	15.8	55.8



#30
 1,2,4-Trichlorobenzene
 Concen: 34.853 ng
 RT: 10.58 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: BG044319.D
 Acq: 6 Feb 2020 12:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.5	113.3
145	29.0	22.6	34.0

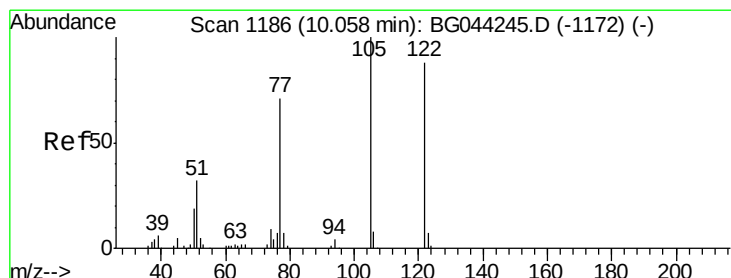
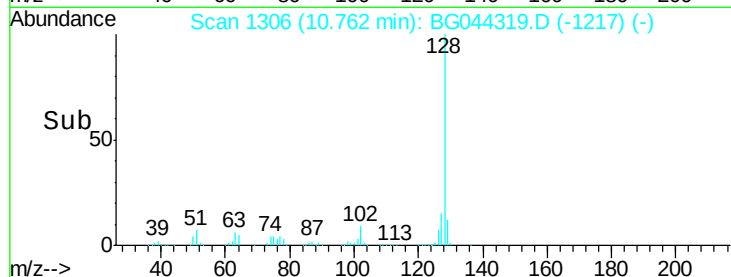
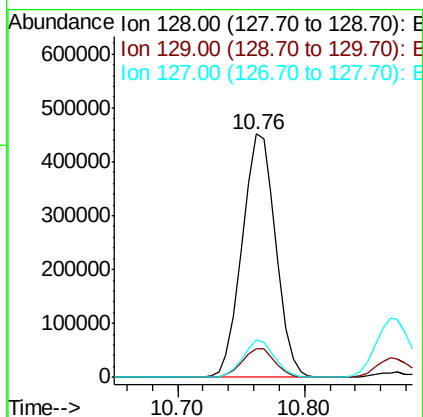
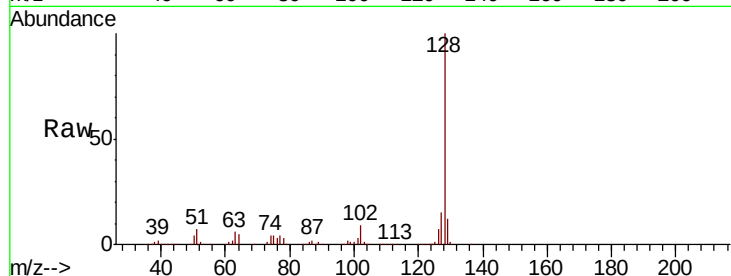




#31
Naphthalene
Concen: 36.544 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

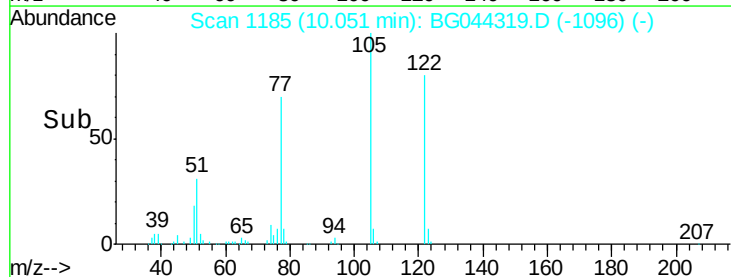
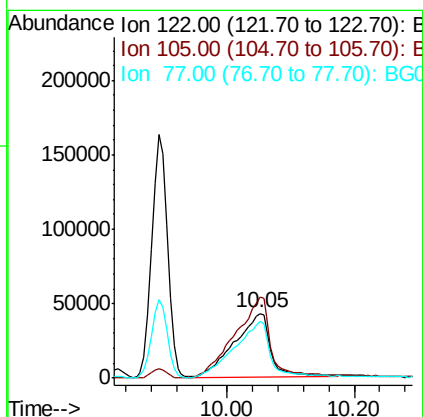
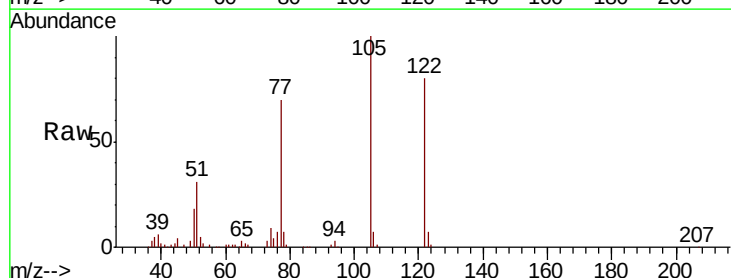
Instrument :
BNA_G
ClientSampleId :
PB126601BS

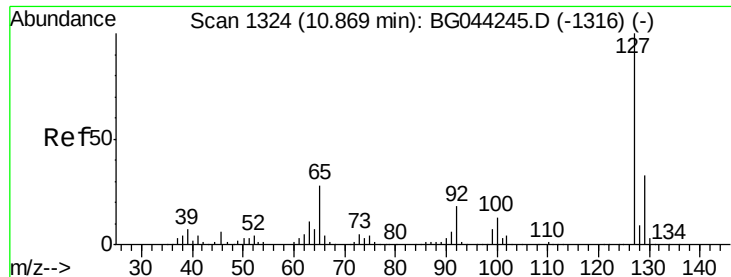
Tot Ion:128 Resp: 828921
Ion Ratio Lower Upper
128 100
129 12.0 9.3 13.9
127 15.2 11.6 17.4



#32
Benzoic acid
Concen: 45.261 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

Tgt Ion:122 Resp: 172063
Ion Ratio Lower Upper
122 100
105 125.2 93.5 133.5
77 87.7 61.0 101.0

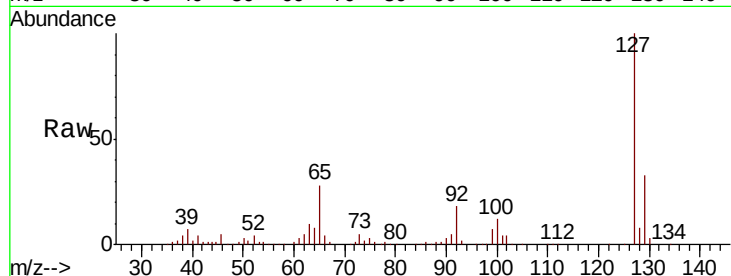




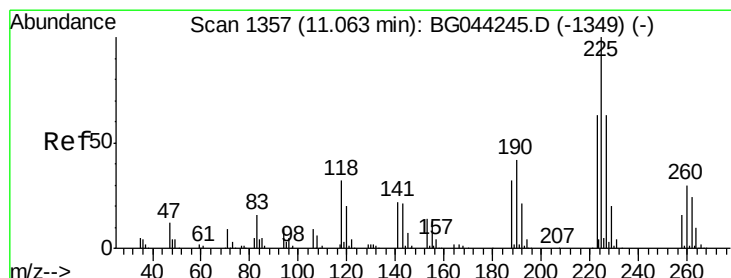
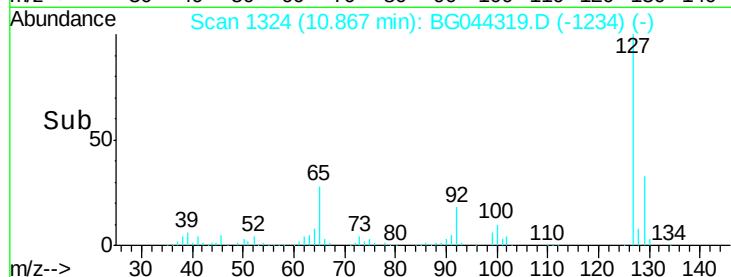
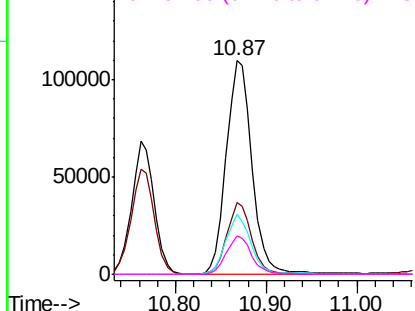
#33
4-Chloroaniline
Concen: 21.032 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion:	127	Resp:	216972
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.6	40.0
65	27.9	22.5	33.7
92	18.3	14.1	21.1

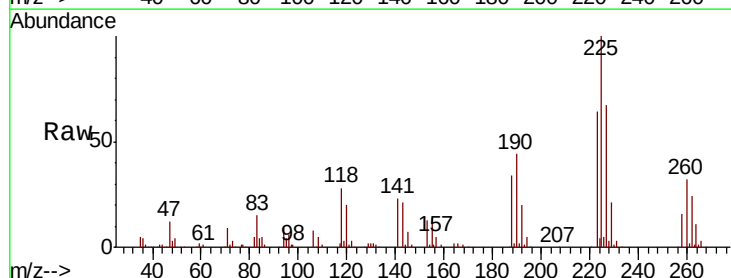


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

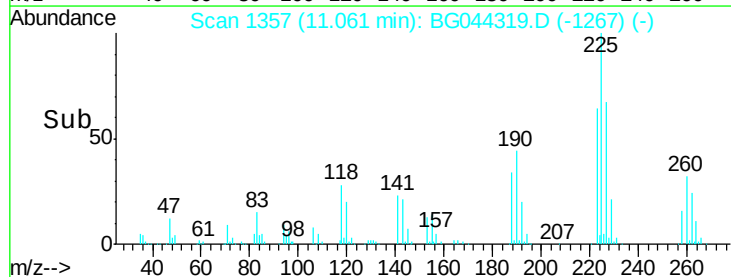
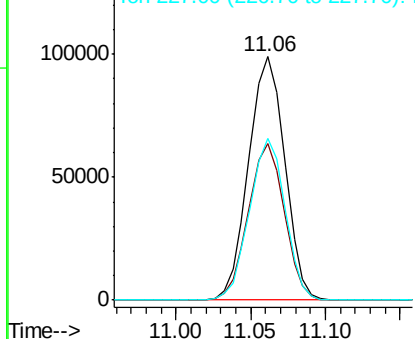


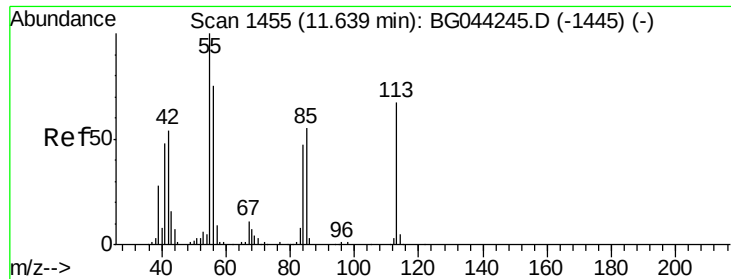
#34
Hexachlorobutadiene
Concen: 32.895 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

Tgt Ion:	225	Resp:	166181
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.2	75.4
227	66.7	50.8	76.2



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

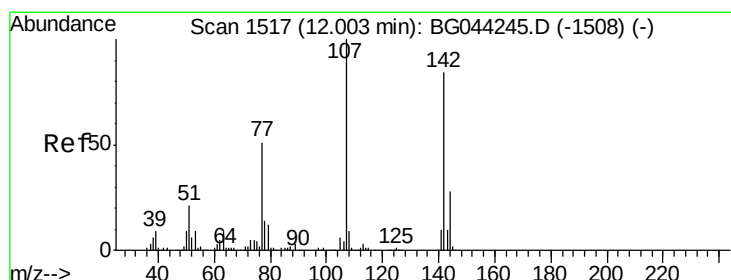
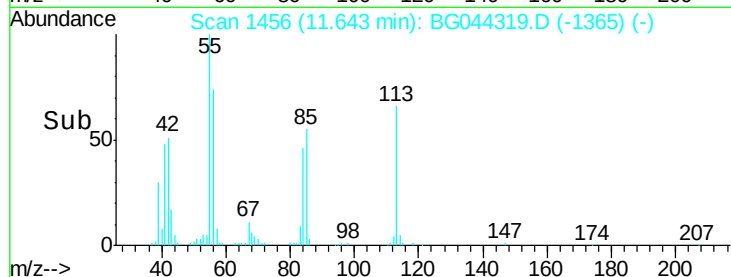
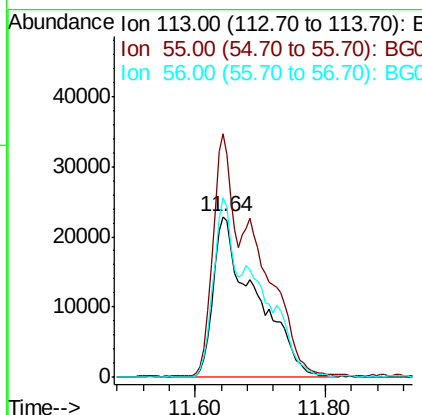
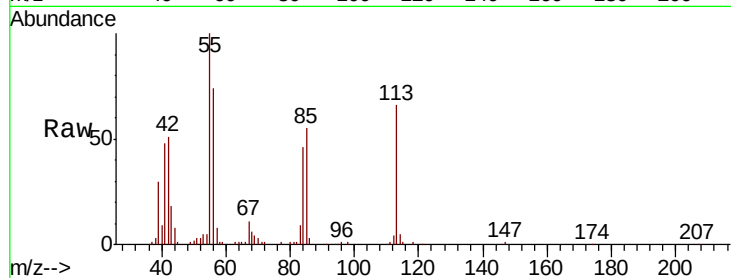




#35
Caprolactam
Concen: 39.162 ng
RT: 11.64 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

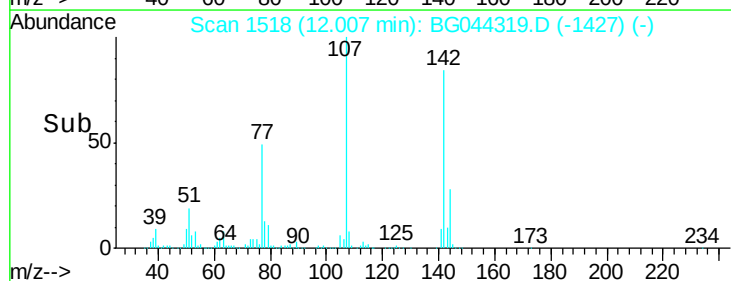
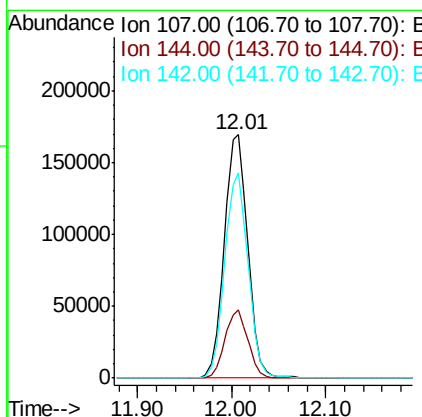
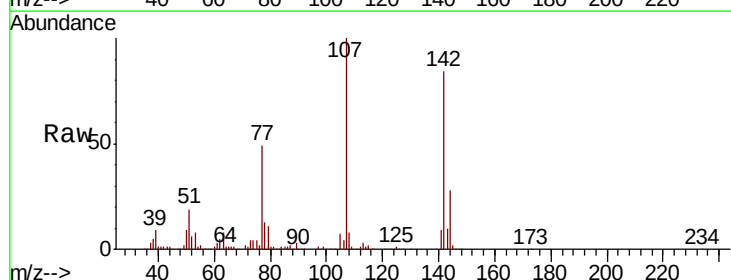
Instrument :
BNA_G
ClientSampleId :
PB126601BS

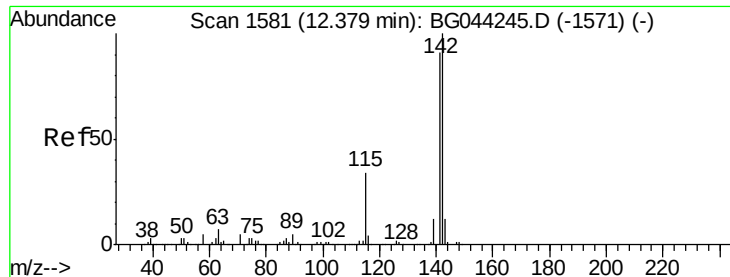
Tot Ion:113 Resp: 102718
Ion Ratio Lower Upper
113 100
55 151.2 129.9 169.9
56 111.8 92.5 132.5



#36
4-Chloro-3-methylphenol
Concen: 39.334 ng
RT: 12.01 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

Tgt Ion:107 Resp: 295283
Ion Ratio Lower Upper
107 100
144 28.0 22.2 33.4
142 84.0 67.4 101.0

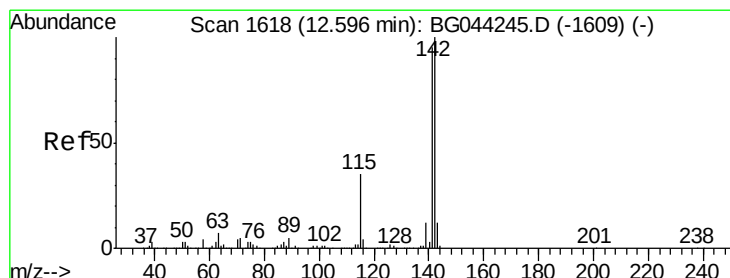
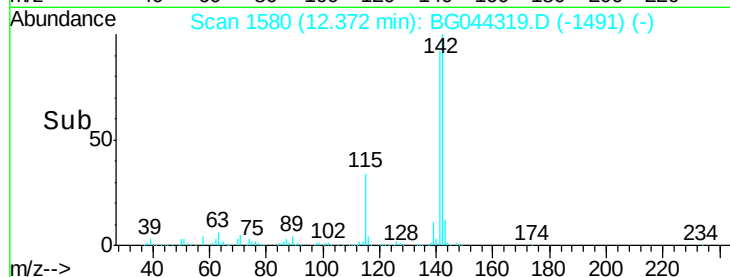
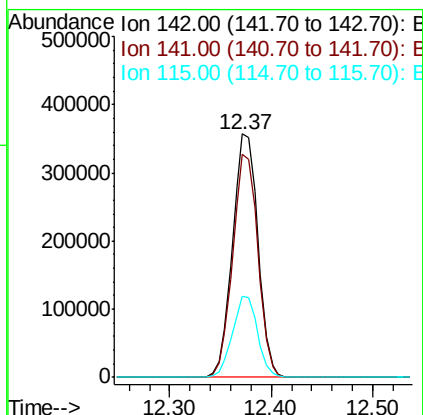
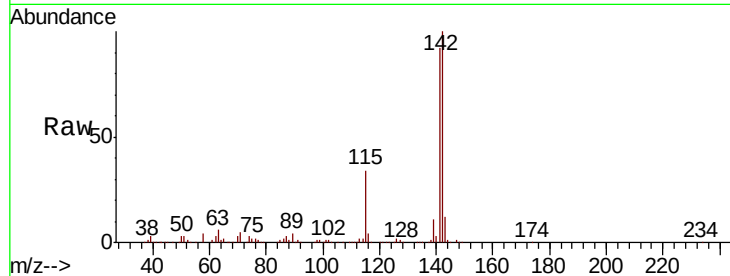




#37
2-Methylnaphthalene
Concen: 36.863 ng
RT: 12.37 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

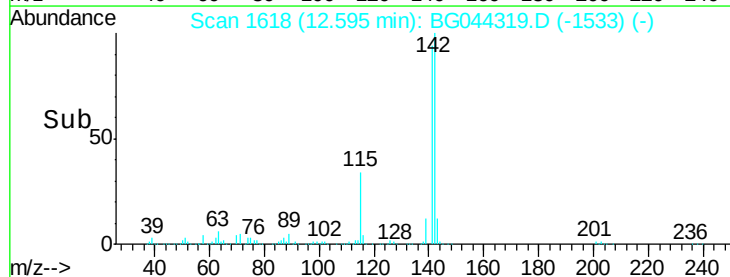
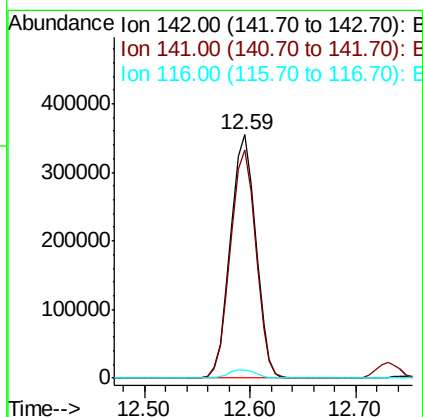
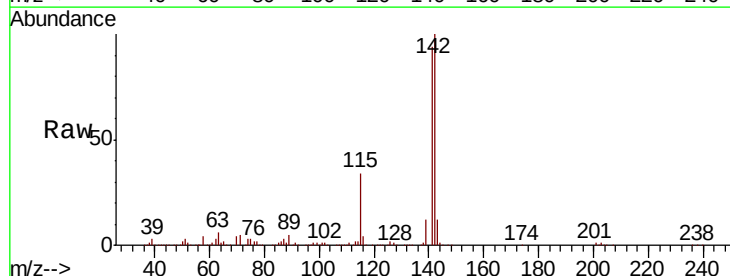
Instrument :
BNA_G
ClientSampleId :
PB126601BS

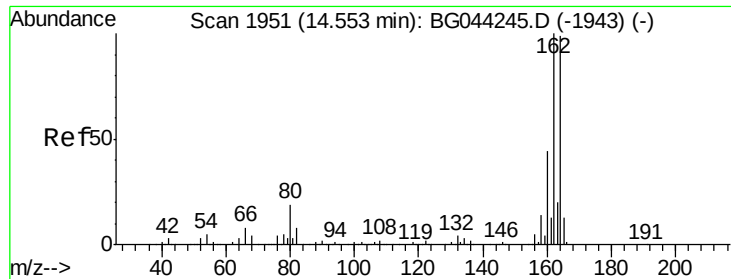
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.2	109.8
115	33.5	27.1	40.7



#38
1-Methylnaphthalene
Concen: 37.126 ng
RT: 12.59 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	75.8	113.6
116	3.6	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.55 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB126601BS

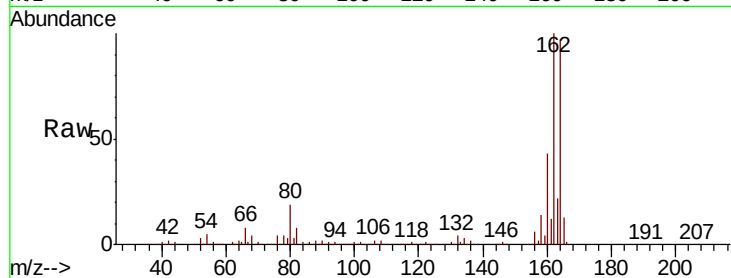
Tot Ion:164 Resp: 303236

Ion Ratio Lower Upper

164 100

162 103.3 80.7 121.1

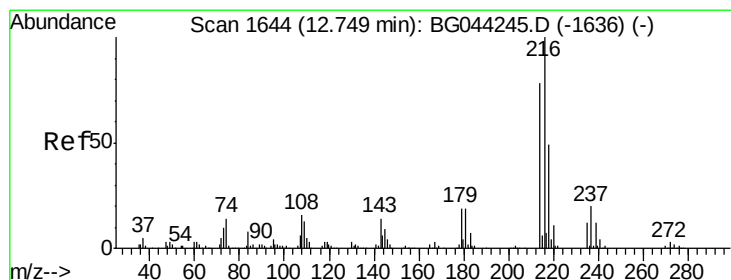
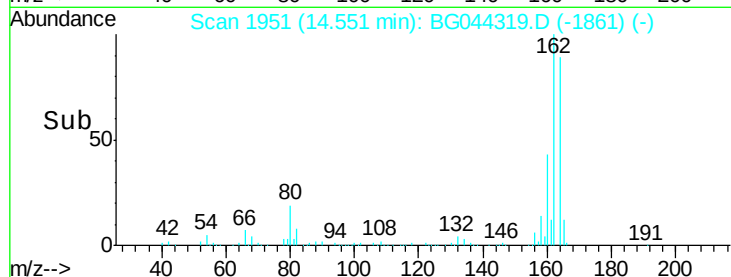
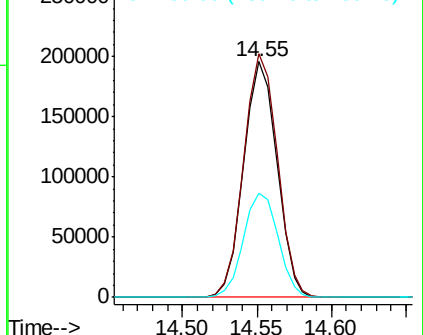
160 44.2 35.3 52.9



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: 33.814 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

Tgt Ion:216 Resp: 306718

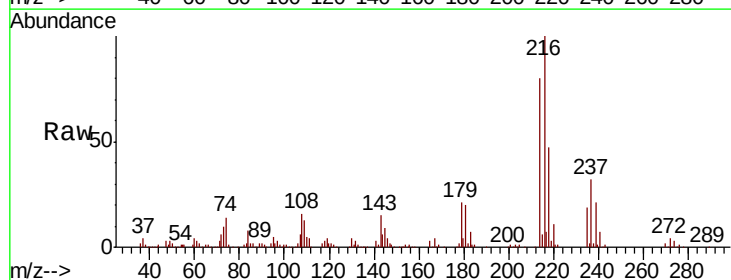
Ion Ratio Lower Upper

216 100

214 79.9 63.0 94.6

179 20.8 16.2 24.4

108 18.1 13.5 20.3

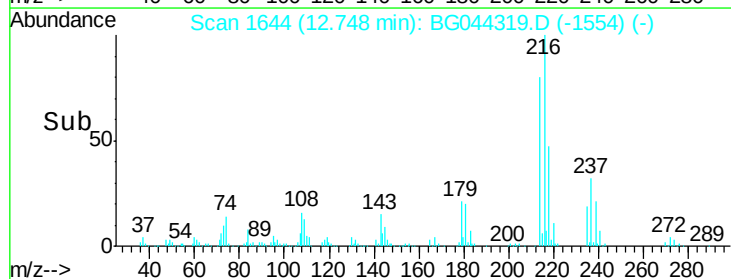
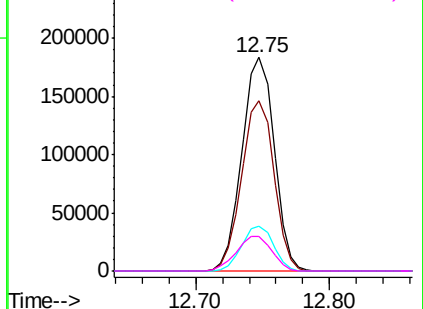


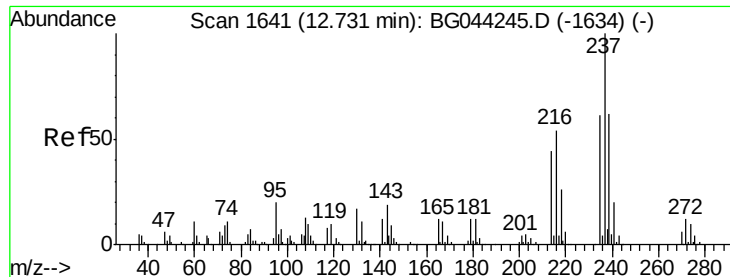
Abundance Ion 216.00 (215.70 to 216.70): E

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: 69.163 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB126601BS

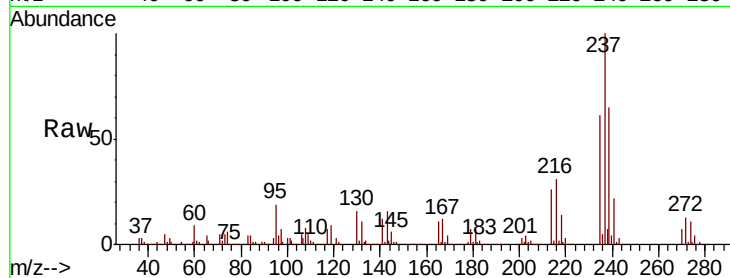
Tot Ion:237 Resp: 301028

Ion Ratio Lower Upper

237 100

235 60.7 41.2 81.2

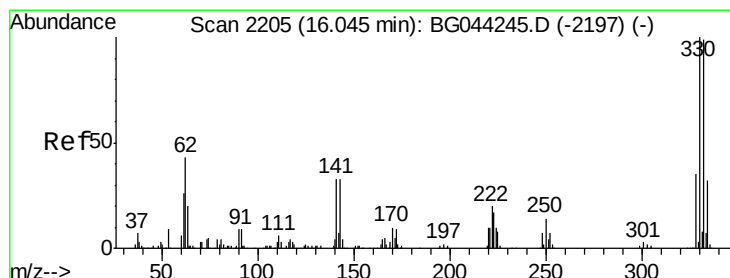
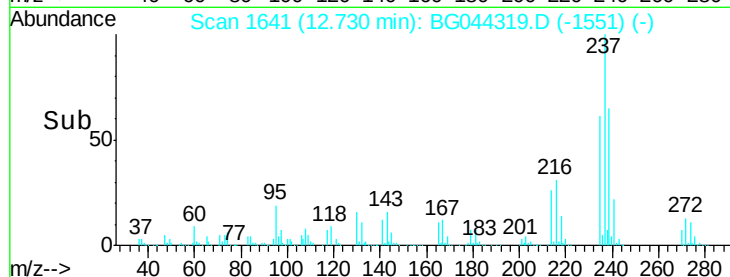
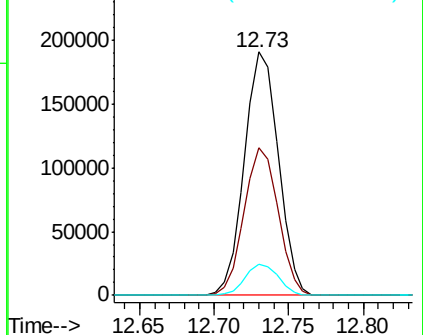
272 12.8 0.0 32.4



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: 95.750 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

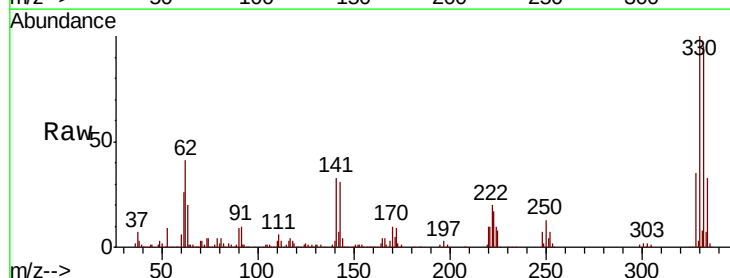
Tgt Ion:330 Resp: 340853

Ion Ratio Lower Upper

330 100

332 95.7 77.2 115.8

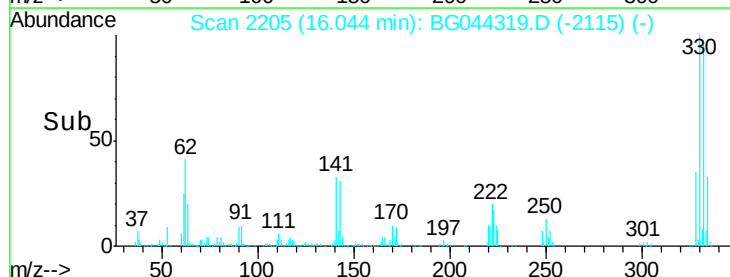
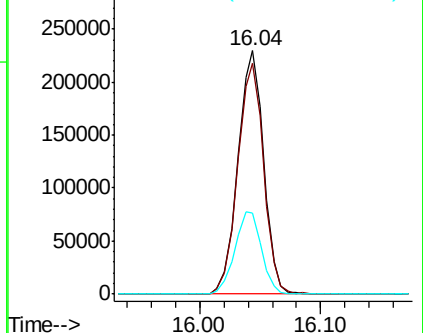
141 34.9 28.3 42.5

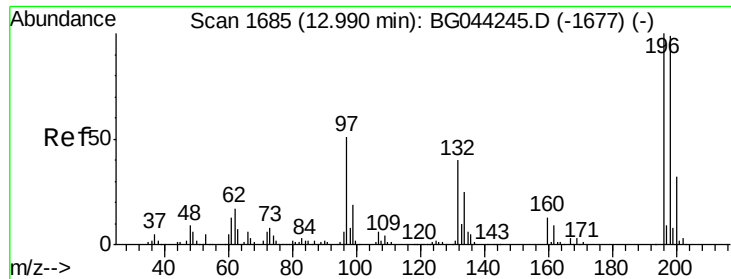


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

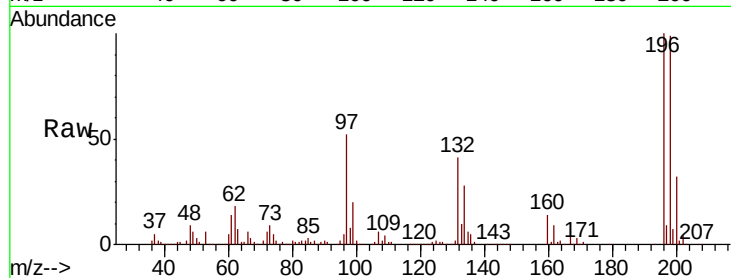




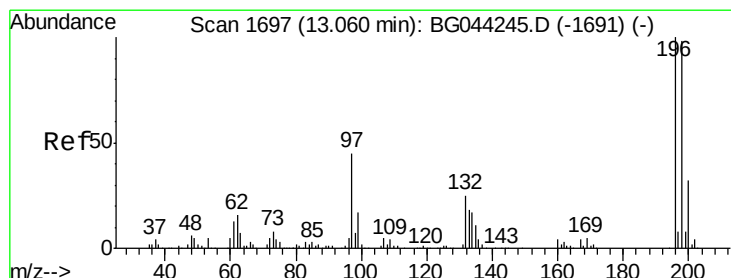
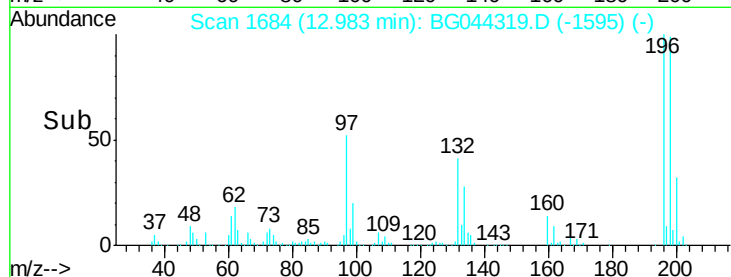
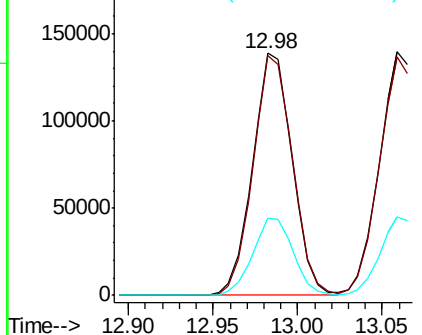
#43
 2,4,6-Trichlorophenol
 Concen: 38.517 ng
 RT: 12.98 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BG044319.D
 Acq: 6 Feb 2020 12:38

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BS

Tot Ion:196 Resp: 225828
 Ion Ratio Lower Upper
 196 100
 198 99.0 79.3 118.9
 200 32.0 25.7 38.5



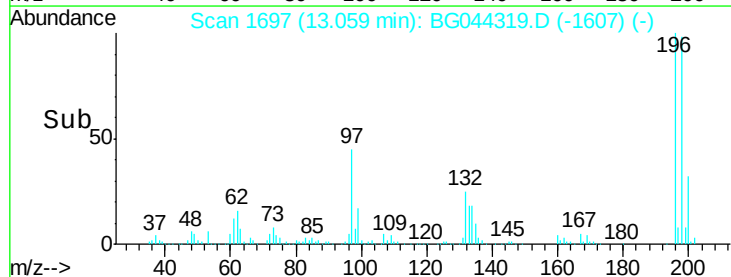
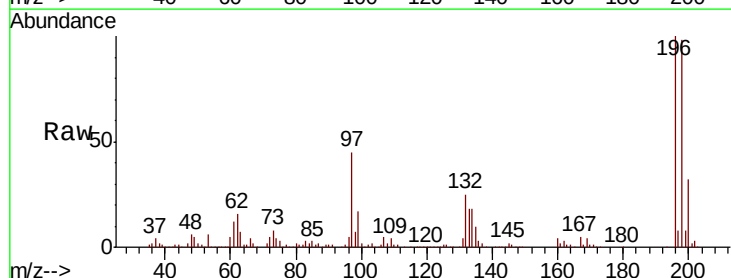
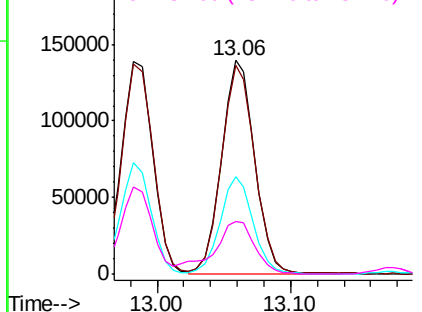
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

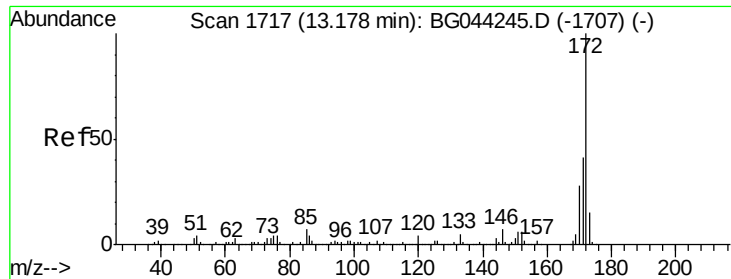


#44
 2,4,5-Trichlorophenol
 Concen: 40.179 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG044319.D
 Acq: 6 Feb 2020 12:38

Tgt Ion:196 Resp: 240615
 Ion Ratio Lower Upper
 196 100
 198 98.0 78.2 117.2
 97 45.5 36.2 54.4
 132 24.9 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

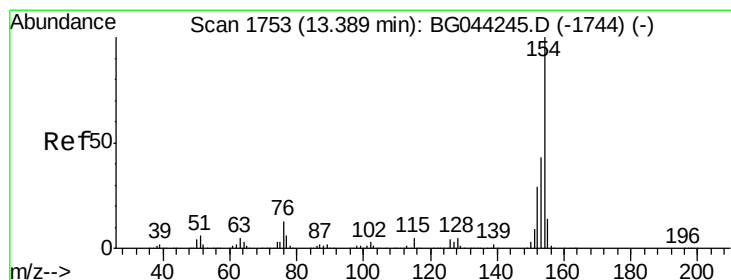
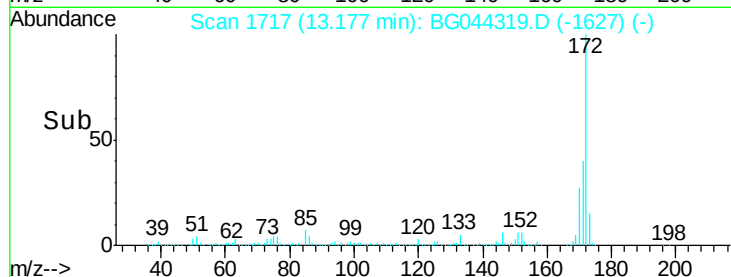
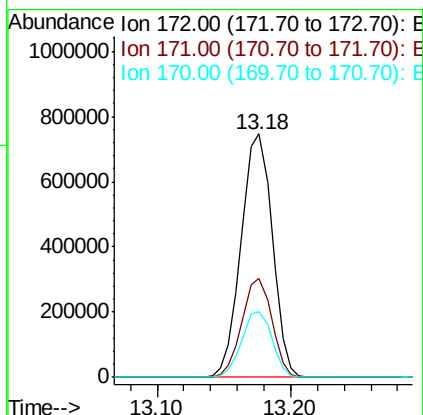
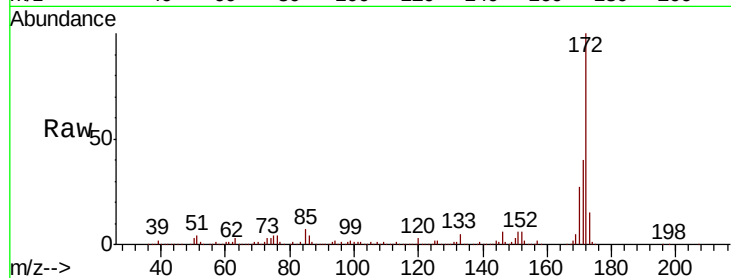




#45
2-Fluorobiphenyl
Concen: 66.655 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

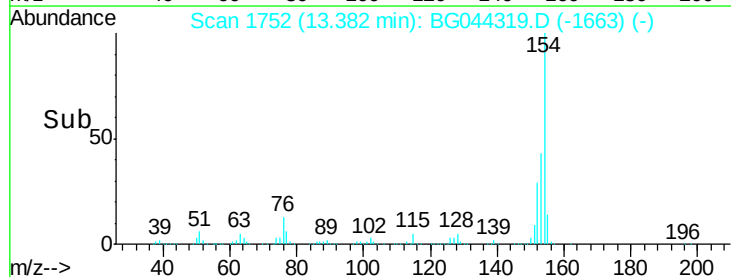
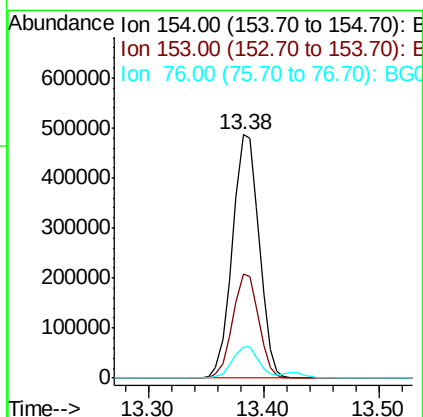
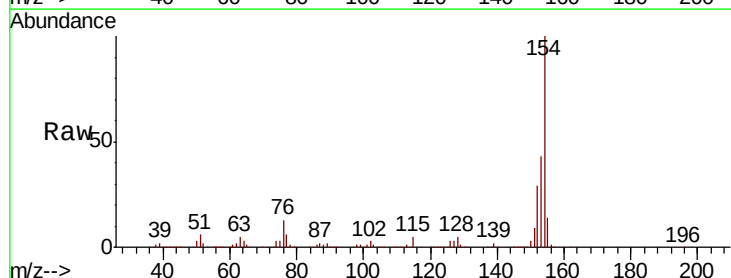
Instrument :
BNA_G
ClientSampleId :
PB126601BS

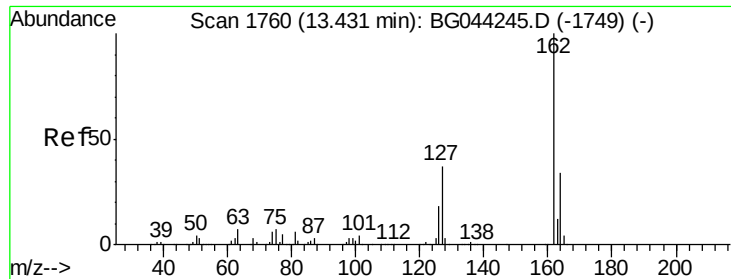
Tot Ion:172 Resp: 1207028
Ion Ratio Lower Upper
172 100
171 40.5 32.9 49.3
170 27.2 22.0 33.0



#46
1,1'-Biphenyl
Concen: 35.554 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

Tgt Ion:154 Resp: 777661
Ion Ratio Lower Upper
154 100
153 42.7 22.7 62.7
76 12.9 0.0 32.9

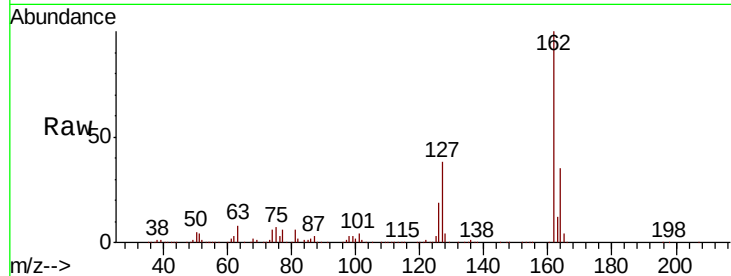




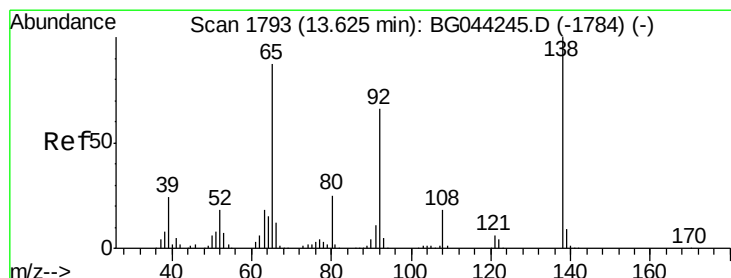
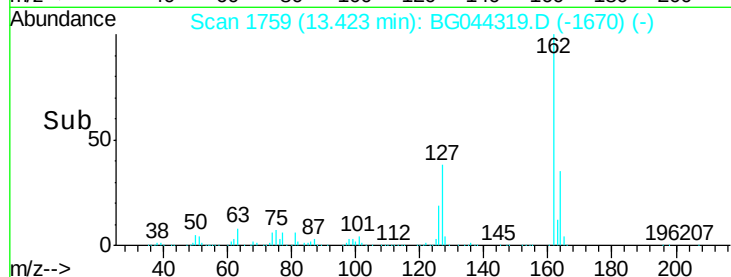
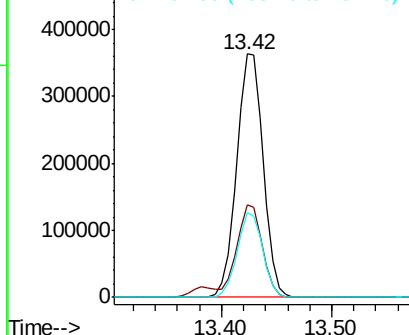
#47
2-Chloronaphthalene
Concen: 35.168 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	30.0	45.0
164	34.6	27.2	40.8

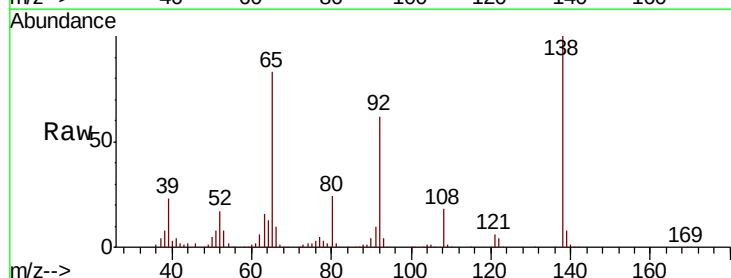


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

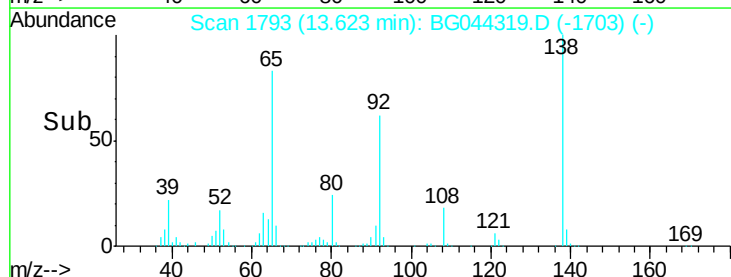
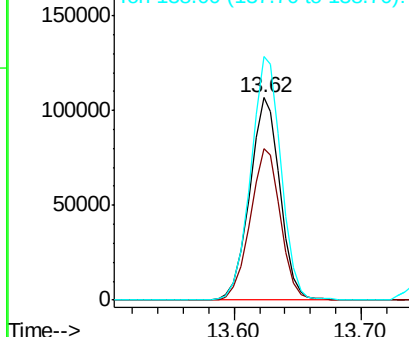


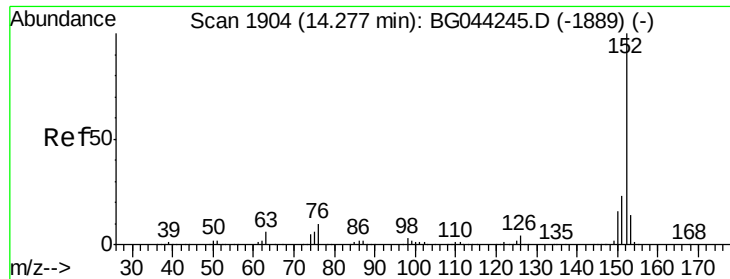
#48
2-Nitroaniline
Concen: 34.515 ng
RT: 13.62 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.9	60.3	90.5
138	120.3	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: 36.972 ng

RT: 14.28 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB126601BS

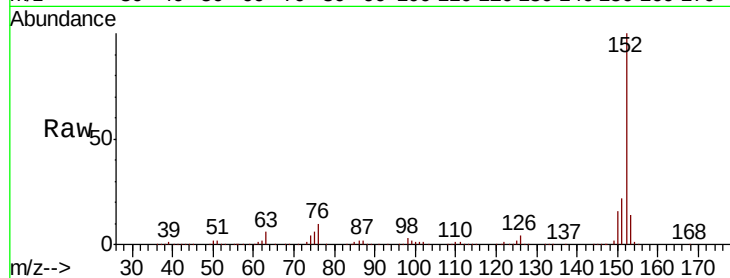
Tot Ion:152 Resp: 943861

Ion Ratio Lower Upper

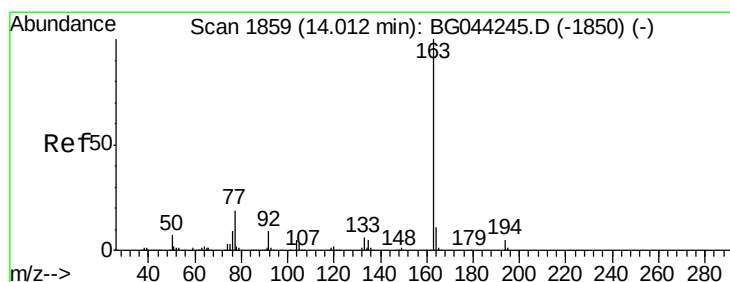
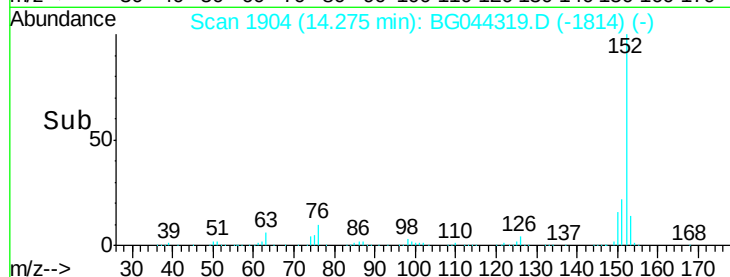
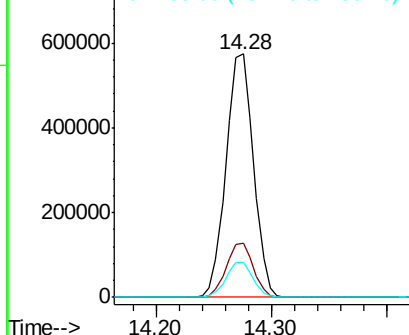
152 100

151 22.4 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: 35.574 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

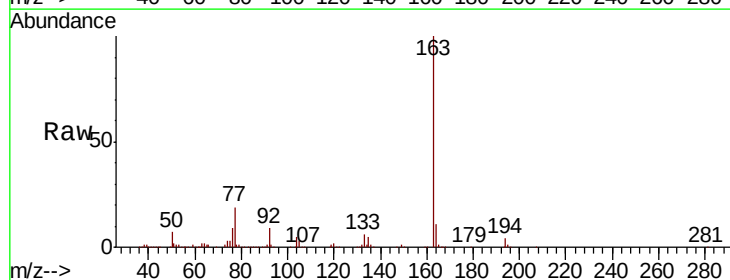
Tgt Ion:163 Resp: 775432

Ion Ratio Lower Upper

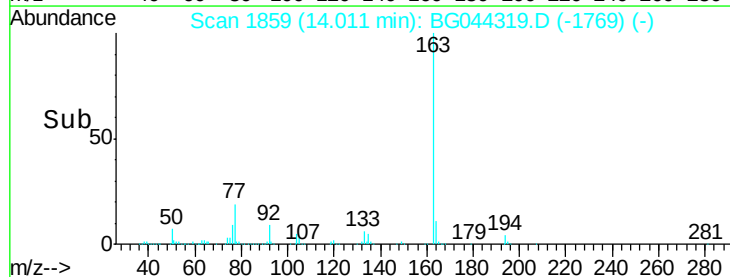
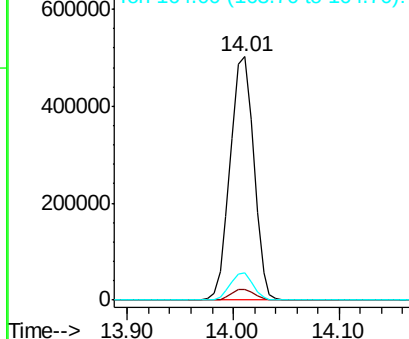
163 100

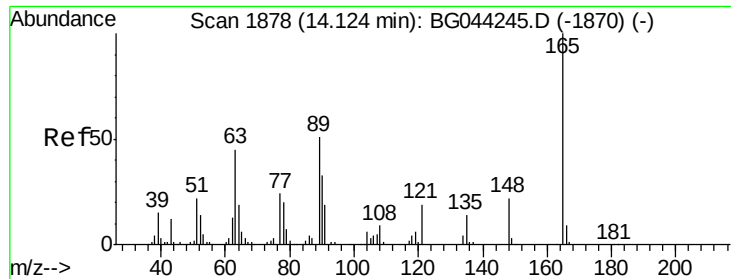
194 4.2 3.6 5.4

164 11.0 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

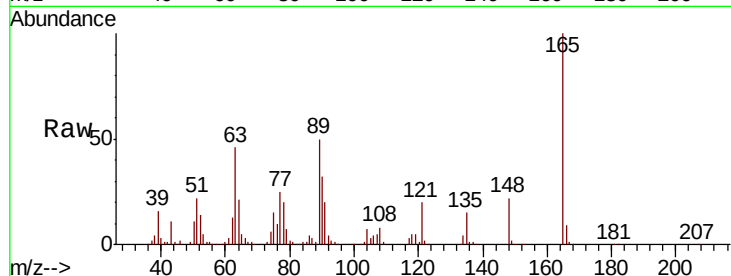




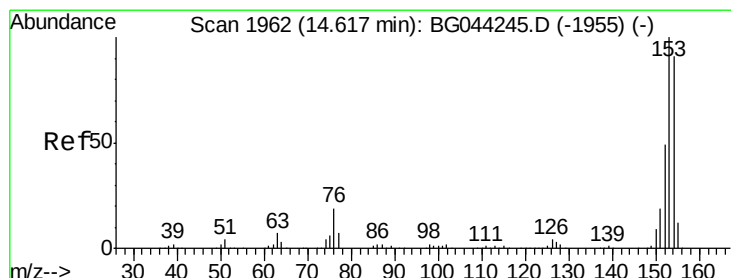
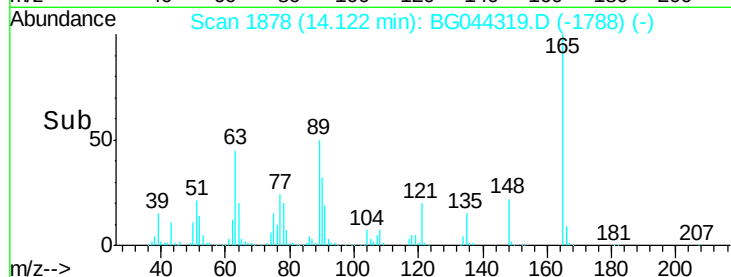
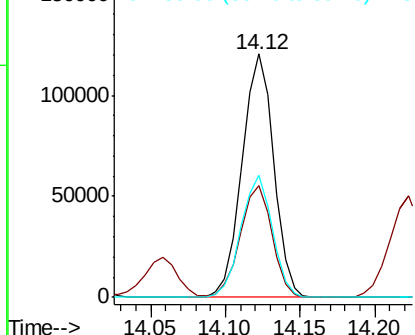
#51
 2,6-Dinitrotoluene
 Concen: 36.464 ng
 RT: 14.12 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: BG044319.D
 Acq: 6 Feb 2020 12:38

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BS

Tot Ion:165 Resp: 177220
 Ion Ratio Lower Upper
 165 100
 63 46.1 38.7 58.1
 89 49.9 40.4 60.6

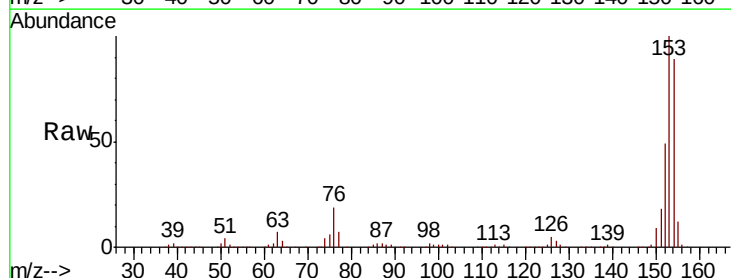


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

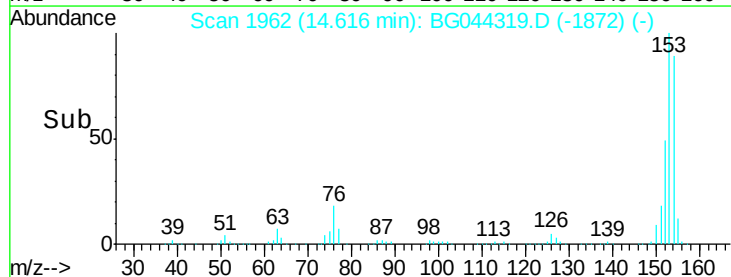
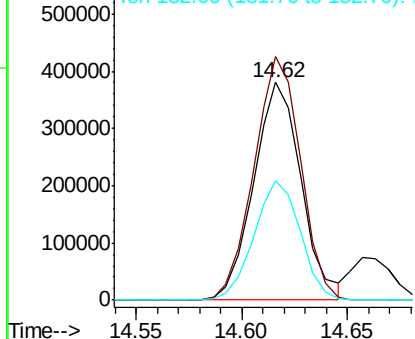


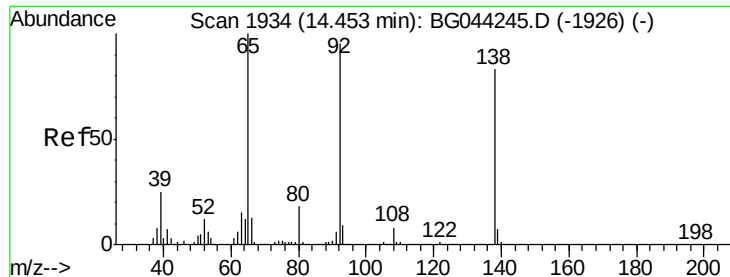
#52
 Acenaphthene
 Concen: 35.857 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: BG044319.D
 Acq: 6 Feb 2020 12:38

Tgt Ion:154 Resp: 593322
 Ion Ratio Lower Upper
 154 100
 153 112.0 87.9 131.9
 152 54.8 43.1 64.7



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





#53

3-Nitroaniline

Concen: 25.397 ng

RT: 14.45 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB126601BS

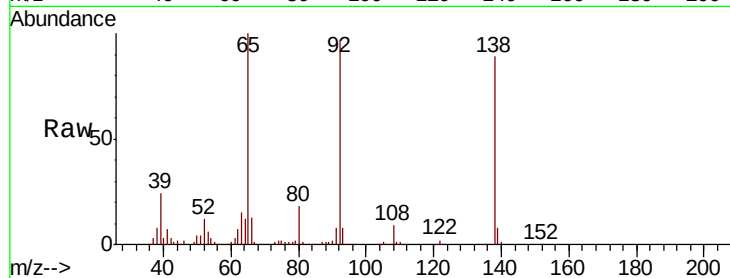
Tot Ion:138 Resp: 136561

Ion Ratio Lower Upper

138 100

108 10.1 7.9 11.9

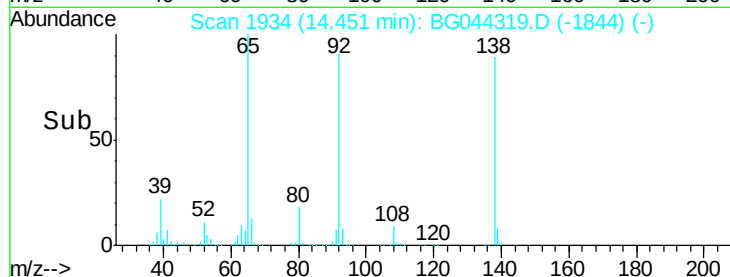
92 109.2 91.0 136.4



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



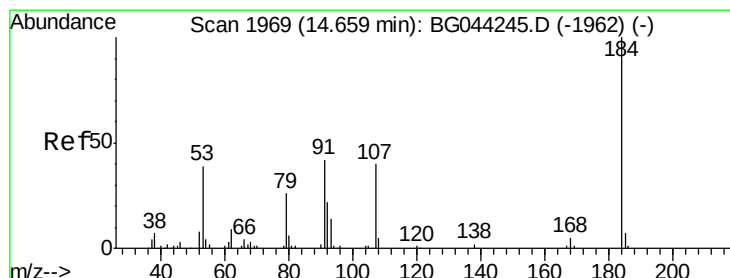
Abundance

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

Time-->



#54

2,4-Dinitrophenol

Concen: 75.296 ng

RT: 14.66 min Scan# 1970

Delta R.T. 0.01 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

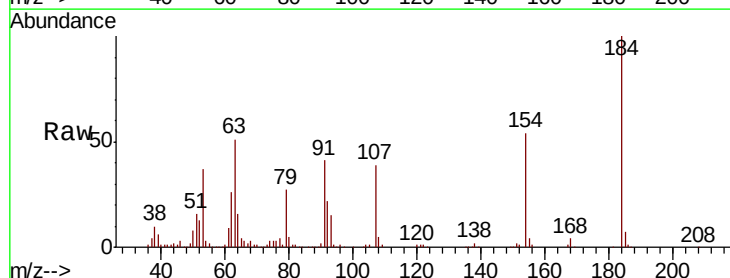
Tgt Ion:184 Resp: 215411

Ion Ratio Lower Upper

184 100

63 50.8 44.1 66.1

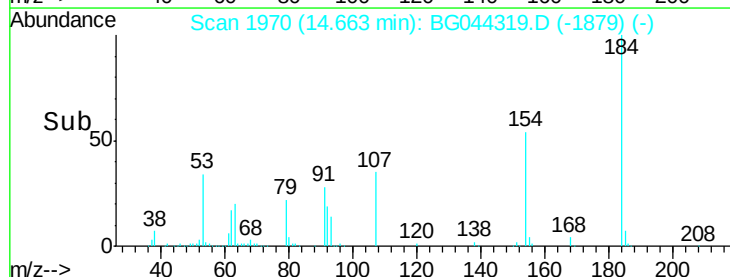
154 54.5 45.4 68.0



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



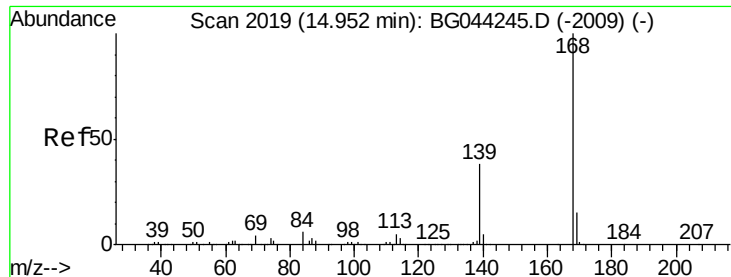
Abundance

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

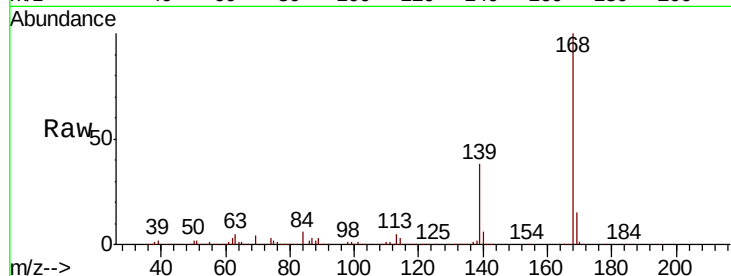
Time-->



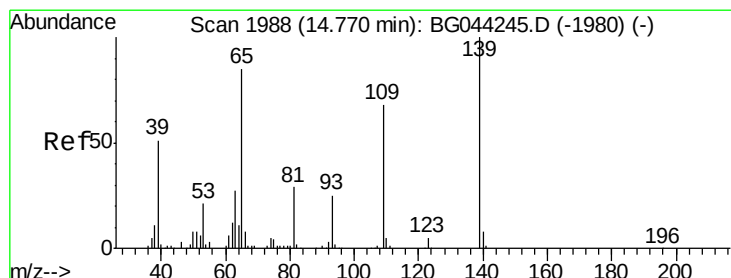
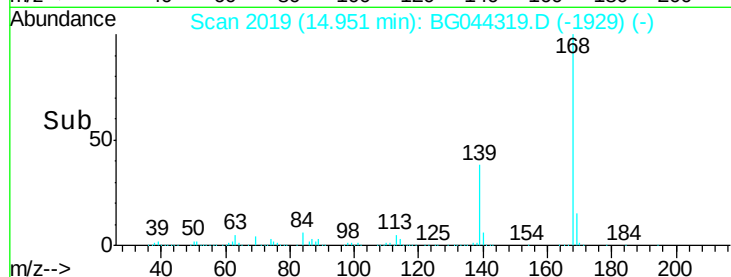
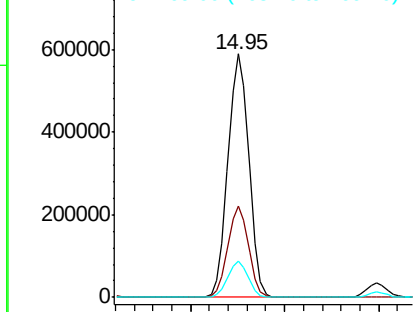
#55
Dibenzenofuran
Concen: 36.348 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.5	45.7
169	14.8	11.7	17.5

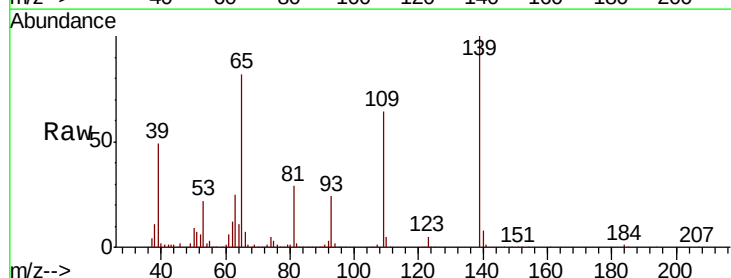


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

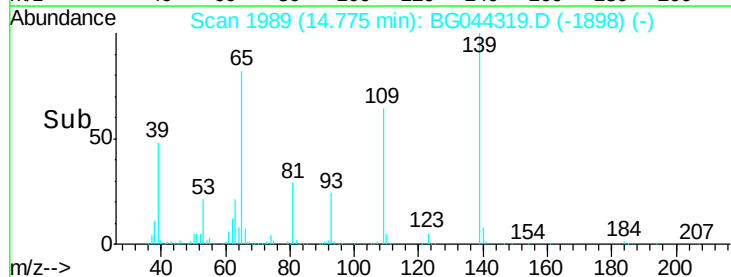
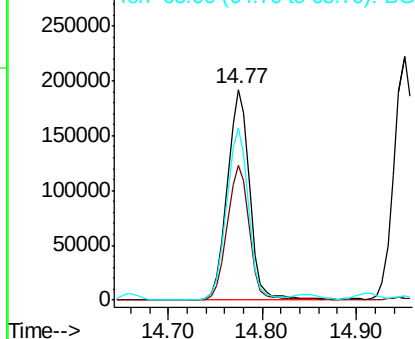


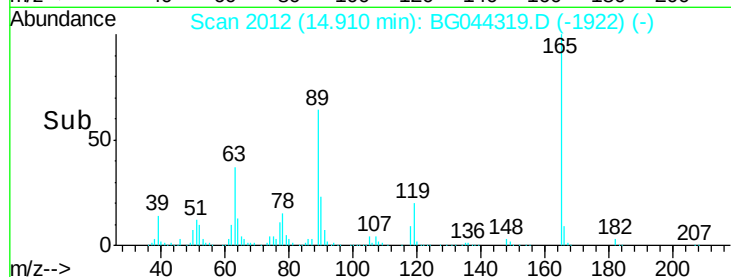
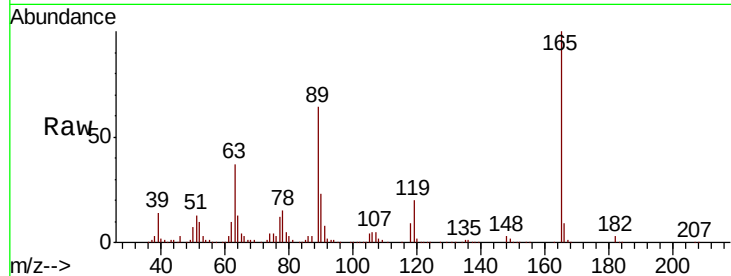
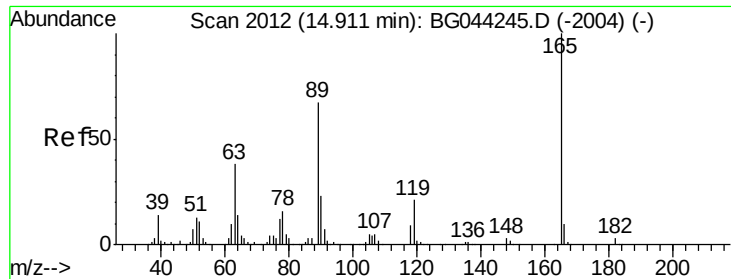
#56
4-Nitrophenol
Concen: 80.525 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.3	47.5	87.5
65	81.9	64.9	104.9



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

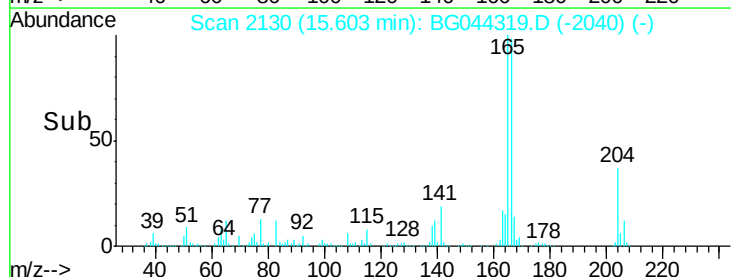
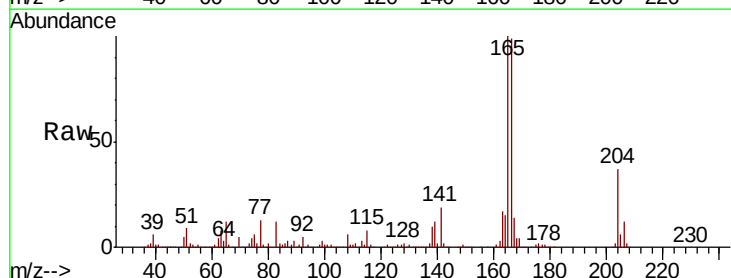
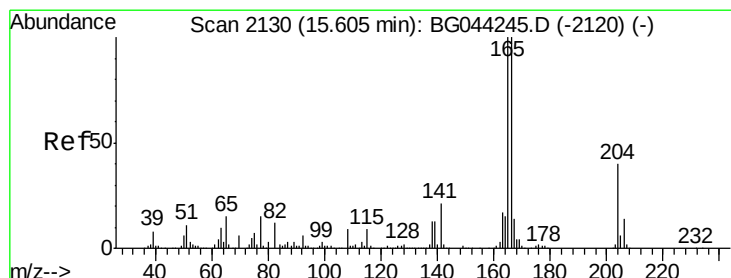
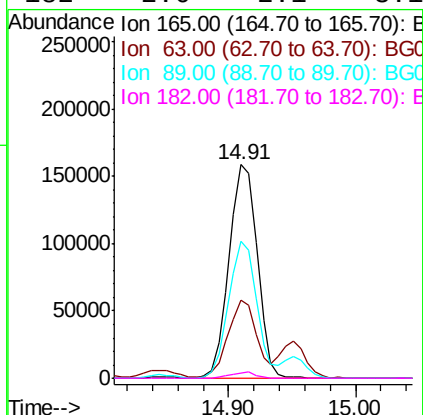




#57
2,4-Dinitrotoluene
Concen: 35.859 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

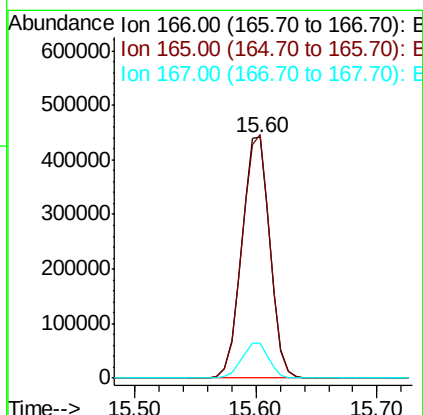
Instrument :
BNA_G
ClientSampleId :
PB126601BS

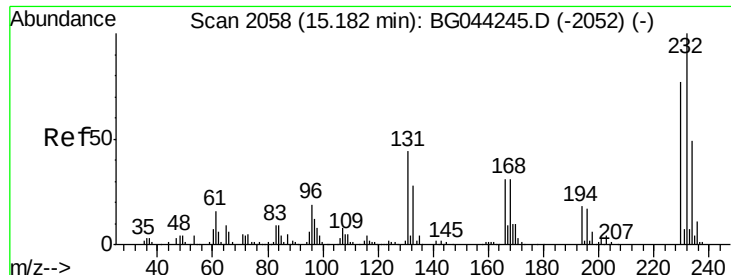
Tot Ion	Ratio	Lower	Upper
165	100		
63	36.8	30.3	45.5
89	63.9	53.4	80.2
182	2.6	2.1	3.1



#58
Fluorene
Concen: 36.215 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.3	79.9	119.9
167	14.6	11.4	17.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.101 ng

RT: 15.18 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB126601BS

Tot Ion:232 Resp: 211506

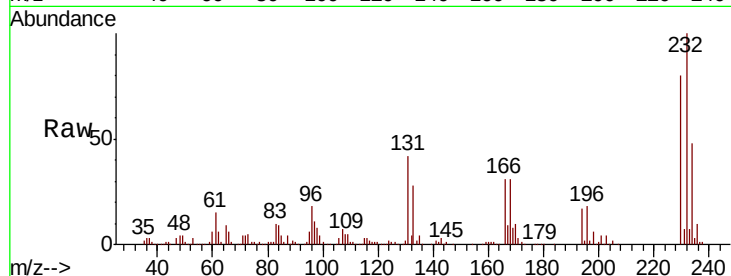
Ion Ratio Lower Upper

232 100

131 42.3 34.2 51.4

130 2.4 1.8 2.8

166 30.3 23.8 35.8

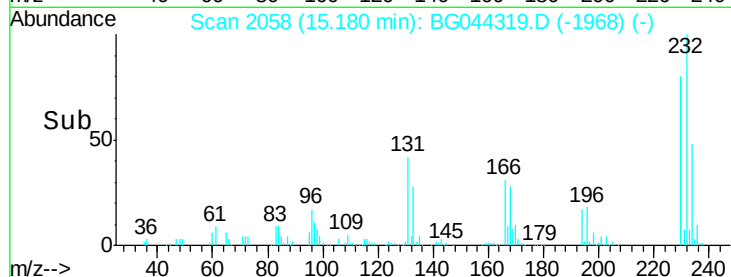


Abundance Ion 232.00 (231.70 to 232.70): E

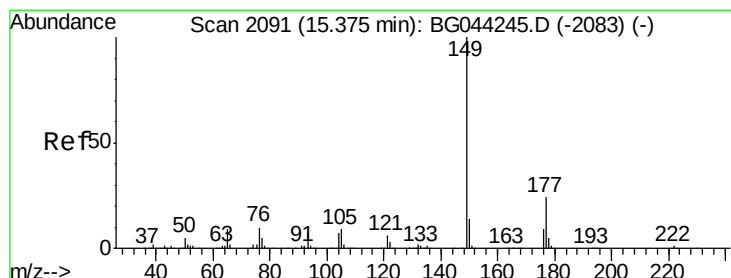
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 35.070 ng

RT: 15.37 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

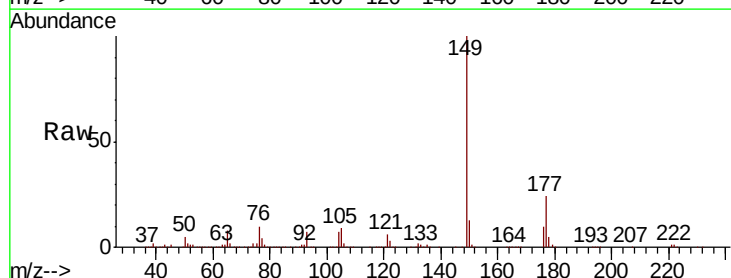
Tgt Ion:149 Resp: 761696

Ion Ratio Lower Upper

149 100

177 24.3 19.4 29.0

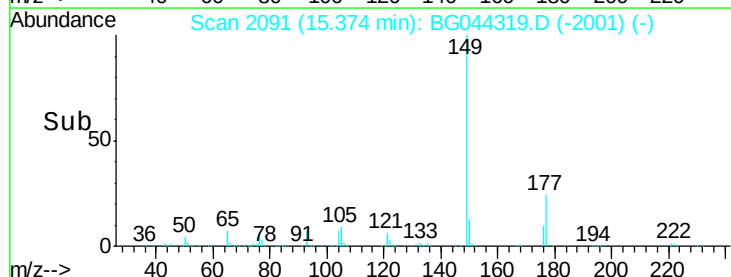
150 13.3 10.9 16.3



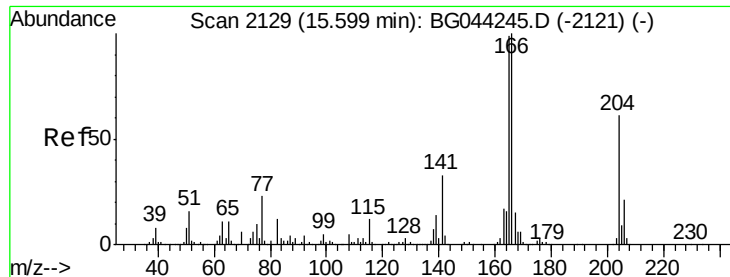
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



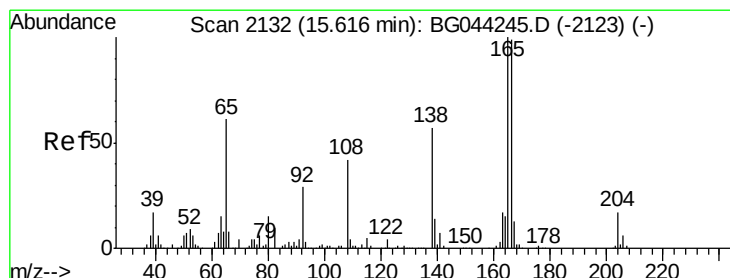
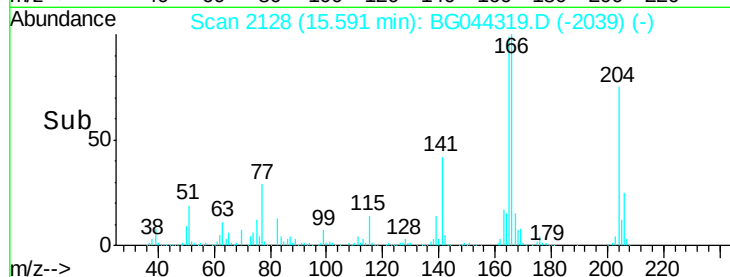
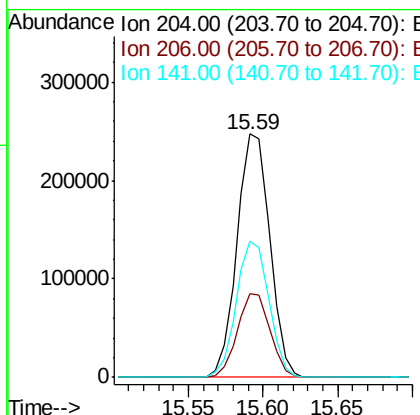
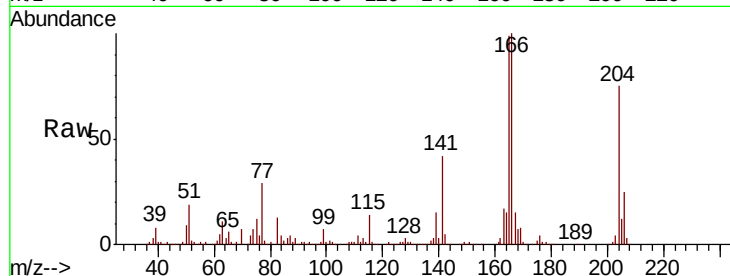
Time-->



#61
4-Chlorophenyl-phenylether
Concen: 35.299 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

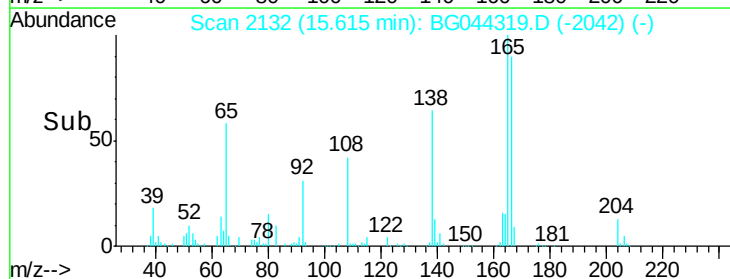
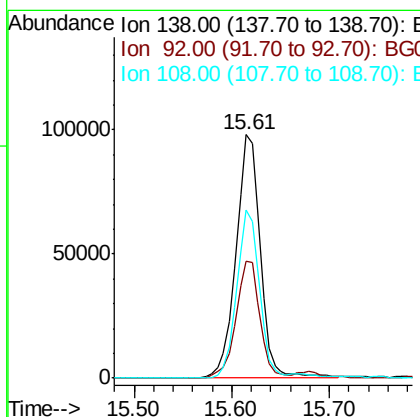
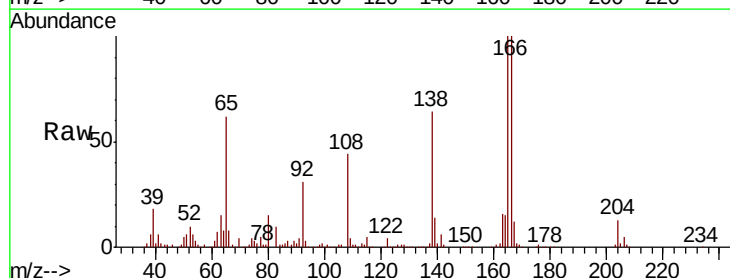
Instrument :
BNA_G
ClientSampleId :
PB126601BS

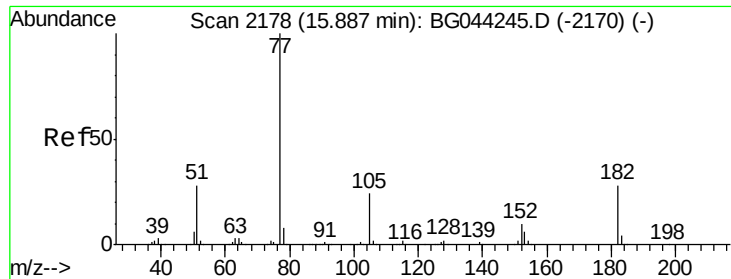
Tot Ion:204 Resp: 377664
Ion Ratio Lower Upper
204 100
206 34.2 27.6 41.4
141 56.1 43.4 65.0



#62
4-Nitroaniline
Concen: 31.632 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

Tgt Ion:138 Resp: 169954
Ion Ratio Lower Upper
138 100
92 48.0 31.3 71.3
108 68.9 52.6 92.6

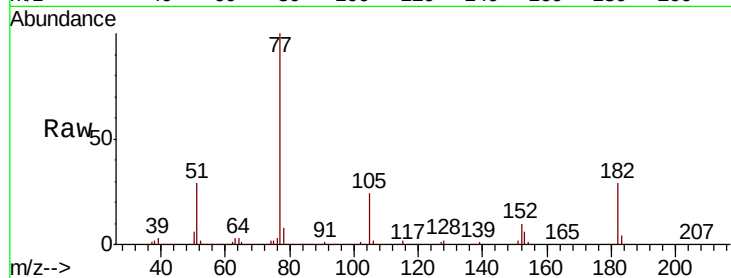




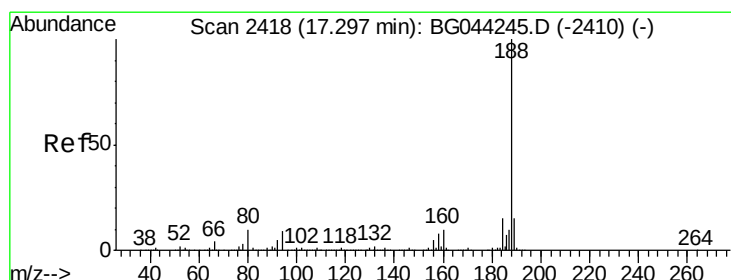
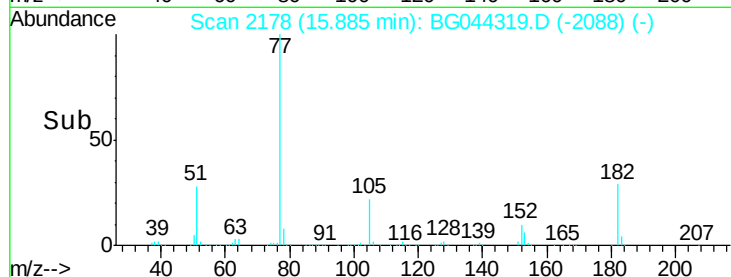
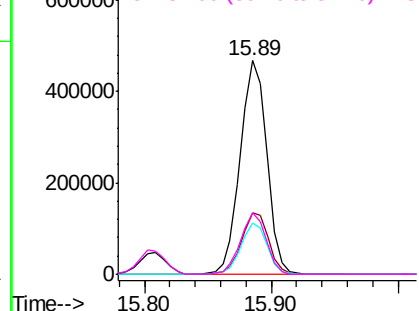
#63
Azobenzene
Concen: 35.435 ng
RT: 15.89 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion:	77	Resp:	674533
Ion	Ratio	Lower	Upper
77	100		
182	29.0	8.2	48.2
105	23.8	3.6	43.6
51	28.6	8.3	48.3

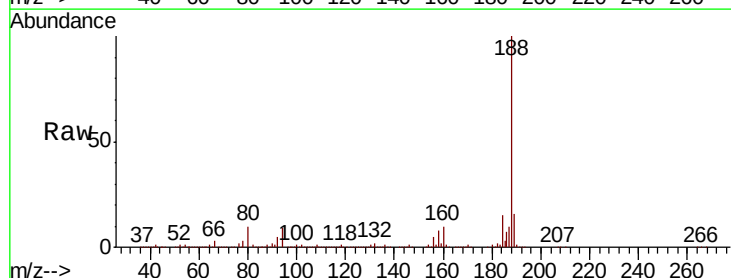


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

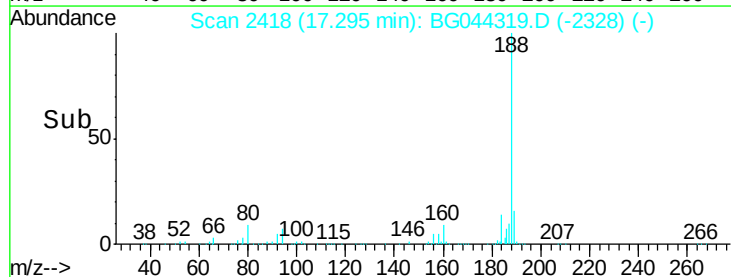
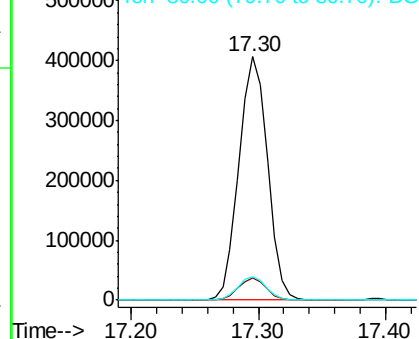


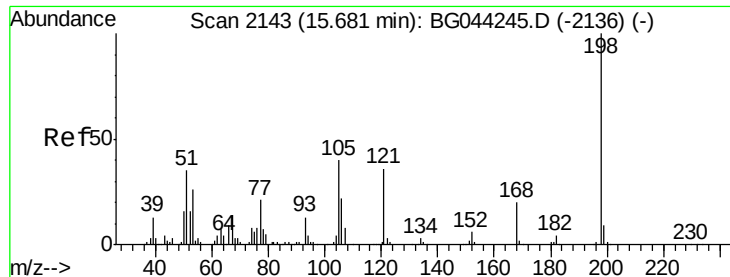
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

Tgt Ion:	188	Resp:	634120
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.4	11.2
80	9.6	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

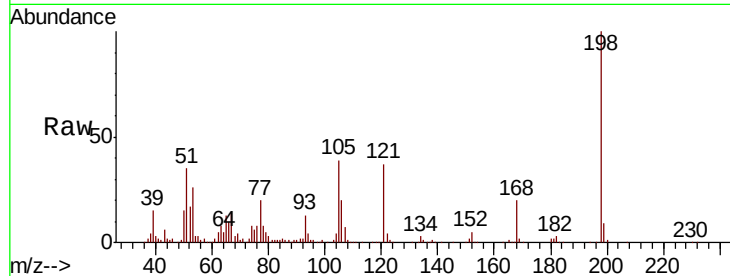




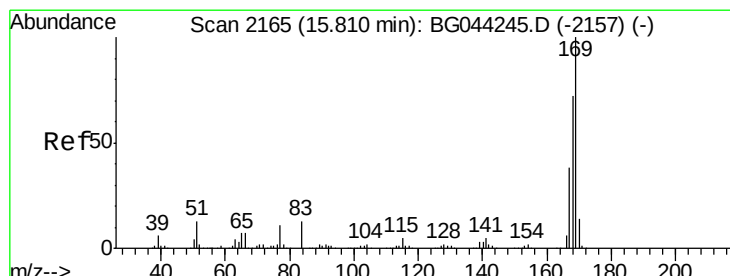
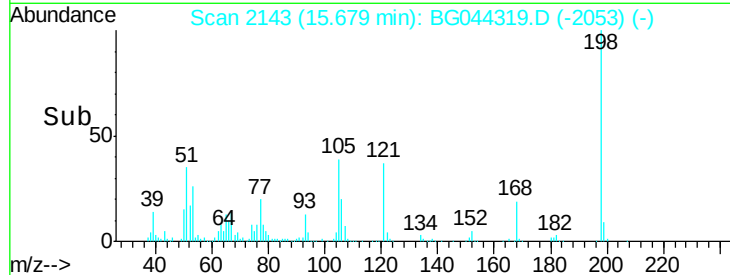
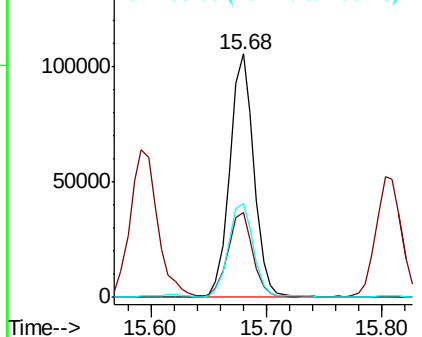
#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.542 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG044319.D
 Acq: 6 Feb 2020 12:38

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	34.7	16.6	56.6
105	38.6	20.6	60.6

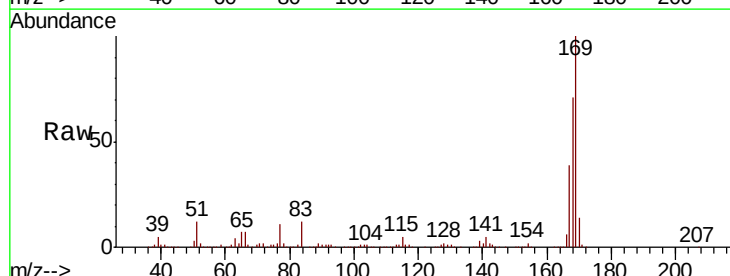


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

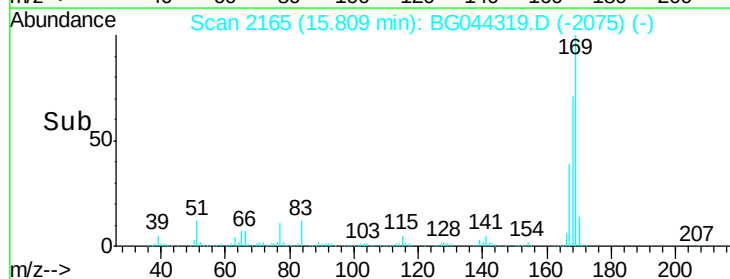
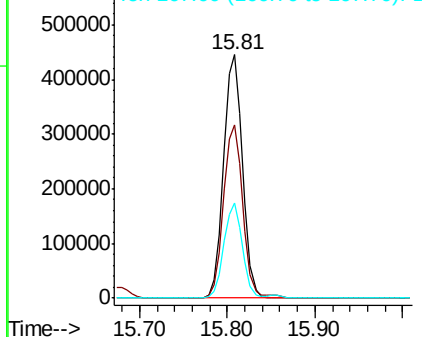


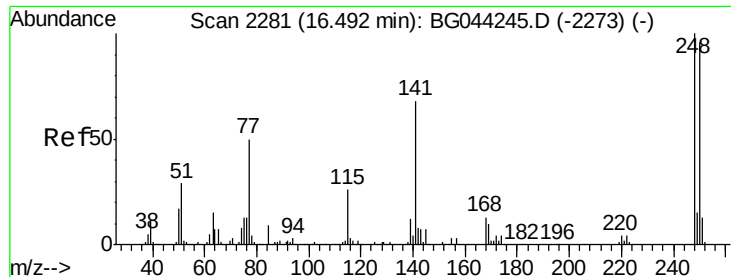
#66
 n-Nitrosodiphenylamine
 Concen: 37.458 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: BG044319.D
 Acq: 6 Feb 2020 12:38

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.1	57.9	86.9
167	39.1	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

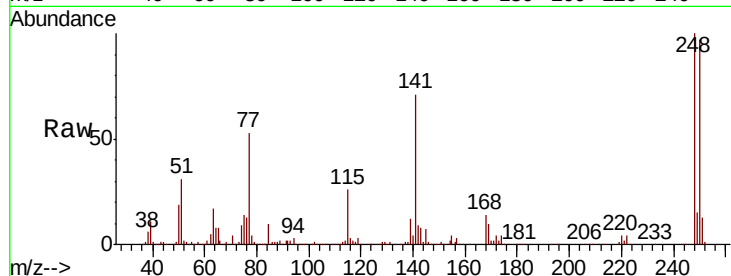




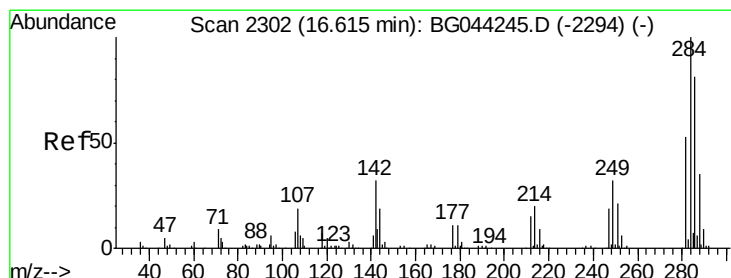
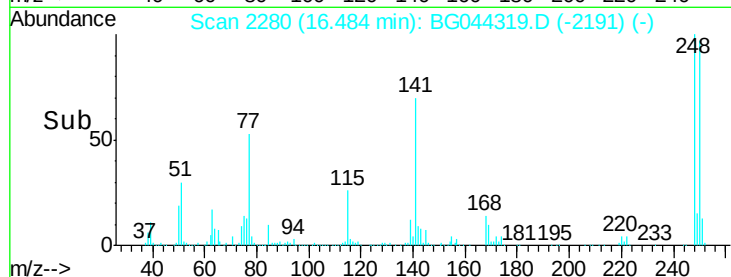
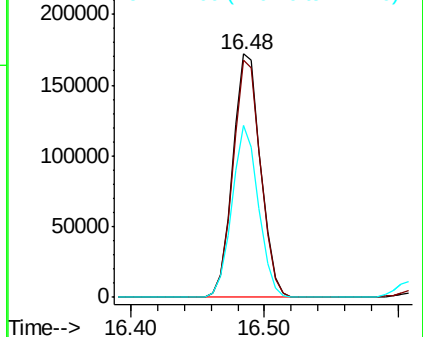
#67
 4-Bromophenyl-phenylether
 Concen: 35.973 ng
 RT: 16.48 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG044319.D
 Acq: 6 Feb 2020 12:38

Instrument :
 BNA_G
 ClientSampleId :
 PB126601BS

Tot Ion:248 Resp: 248528
 Ion Ratio Lower Upper
 248 100
 250 97.4 76.6 114.8
 141 70.5 54.7 82.1

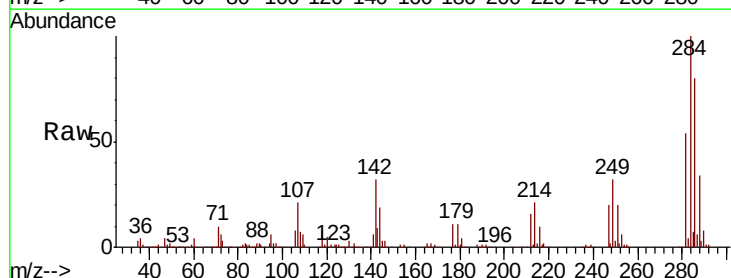


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

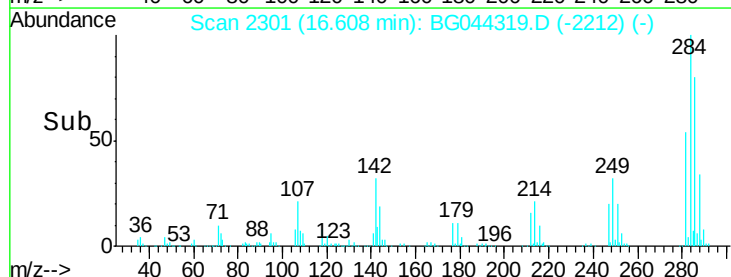
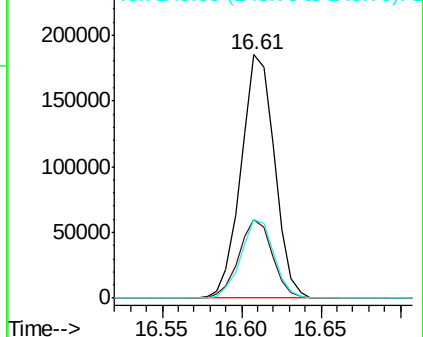


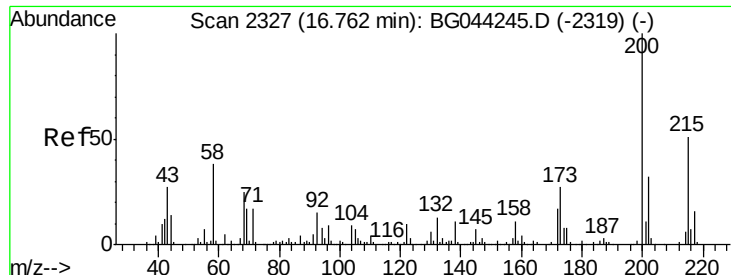
#68
 Hexachlorobenzene
 Concen: 34.961 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG044319.D
 Acq: 6 Feb 2020 12:38

Tgt Ion:284 Resp: 270596
 Ion Ratio Lower Upper
 284 100
 142 32.5 25.3 37.9
 249 32.4 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: 39.701 ng

RT: 16.76 min Scan# 2327

Delta R.T. -0.00 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB126601BS

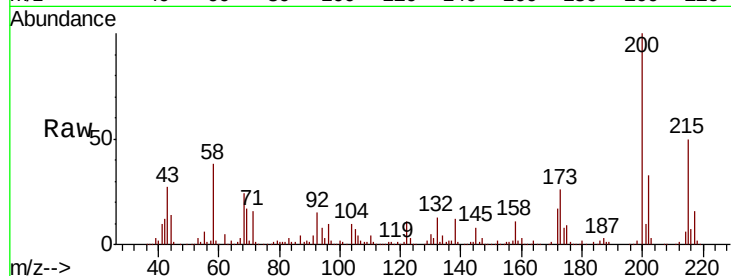
Tot Ion:200 Resp: 241821

Ion Ratio Lower Upper

200 100

173 25.6 6.6 46.6

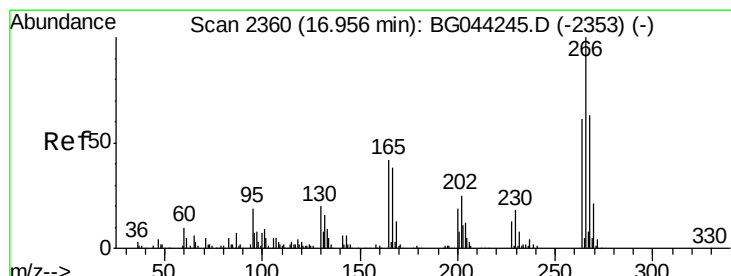
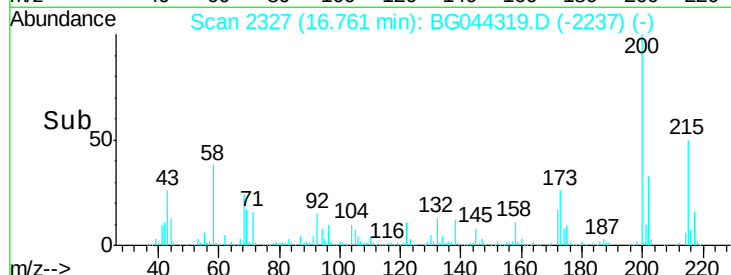
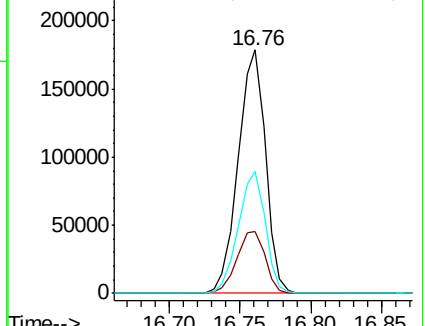
215 49.9 31.0 71.0



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: 80.273 ng

RT: 16.95 min Scan# 2360

Delta R.T. -0.00 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

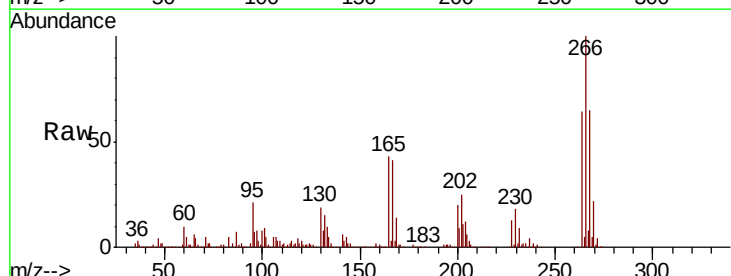
Tgt Ion:266 Resp: 314234

Ion Ratio Lower Upper

266 100

268 64.8 50.6 75.8

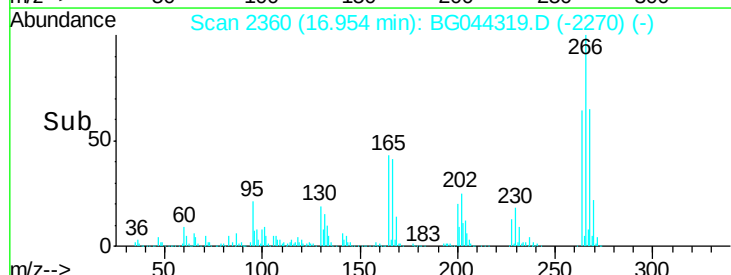
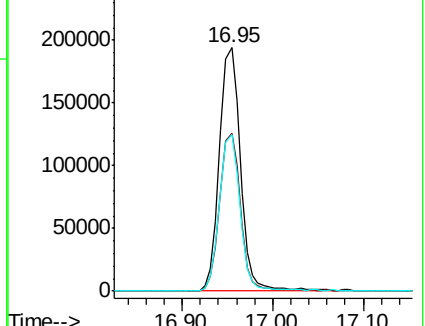
264 64.1 48.7 73.1

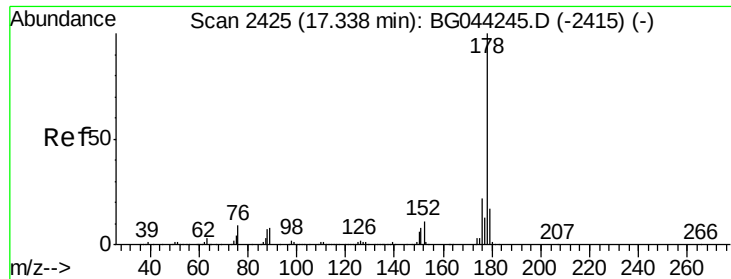


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

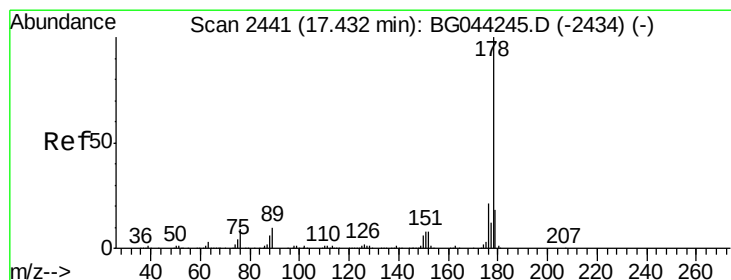
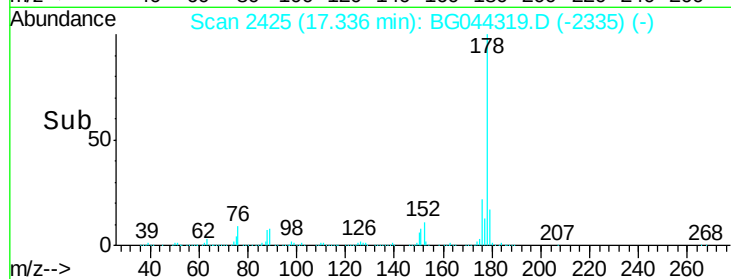
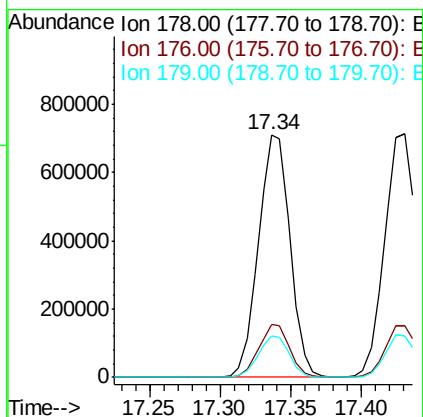
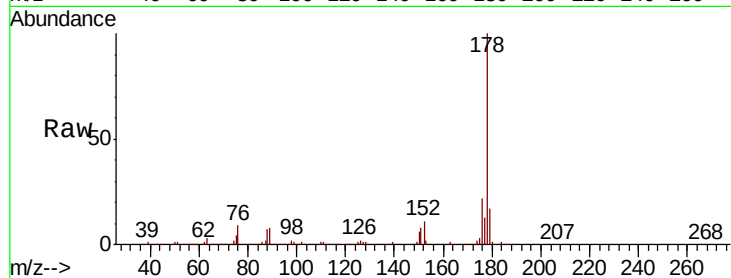




#71
Phenanthrene
Concen: 36.449 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

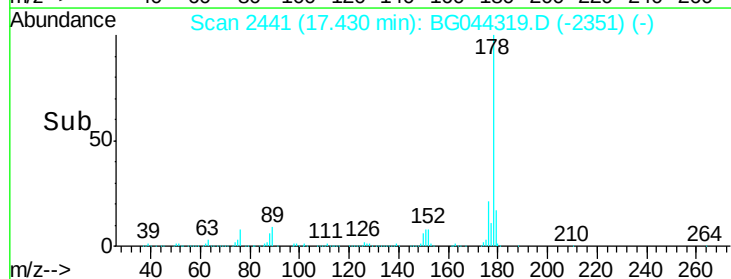
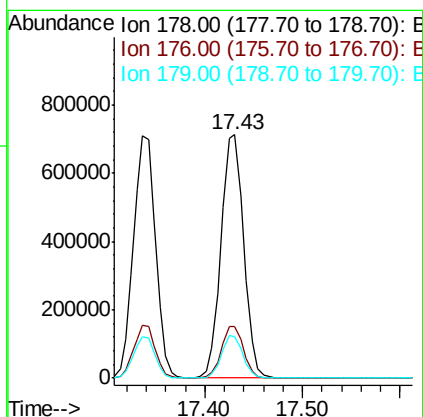
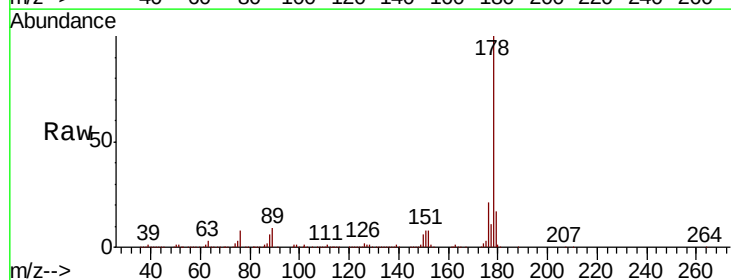
Instrument :
BNA_G
ClientSampleId :
PB126601BS

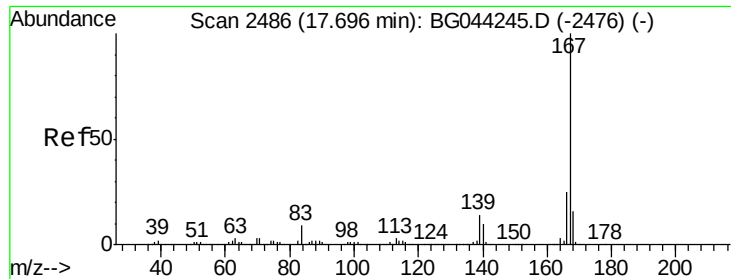
Tot Ion:178 Resp: 1119226
Ion Ratio Lower Upper
178 100
176 21.8 17.7 26.5
179 17.3 13.7 20.5



#72
Anthracene
Concen: 37.735 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

Tgt Ion:178 Resp: 1145571
Ion Ratio Lower Upper
178 100
176 21.0 17.0 25.4
179 17.1 14.4 21.6

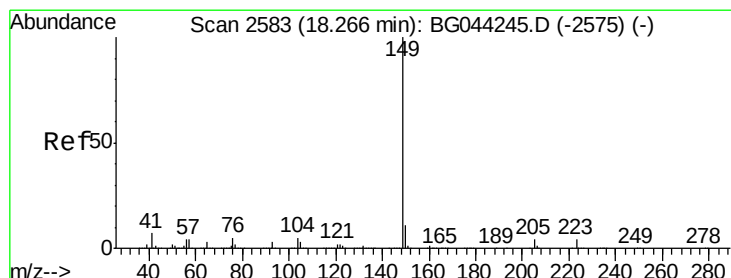
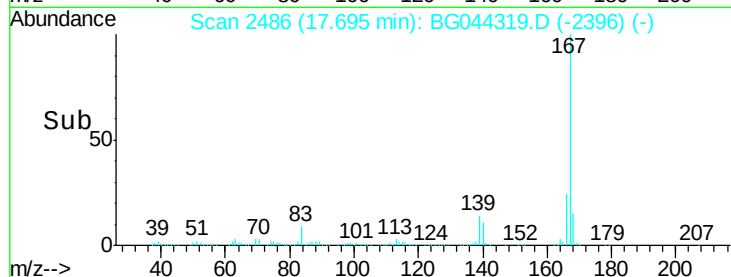
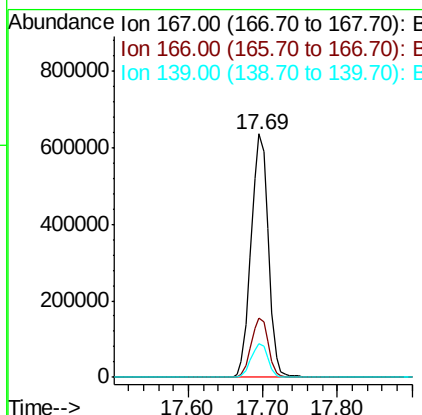
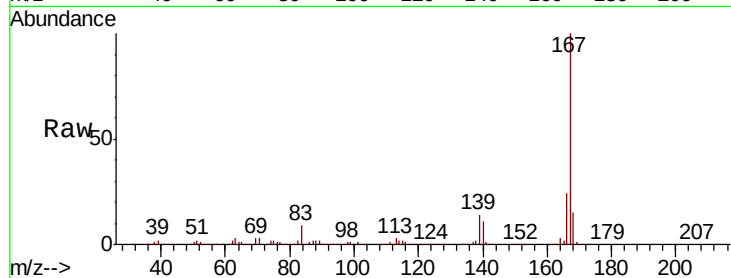




#73
 Carbazole
 Concen: 36.552 ng
 RT: 17.69 min Scan# 2486
 Delta R.T. -0.00 min
 Lab File: BG044319.D
 Acq: 6 Feb 2020 12:38

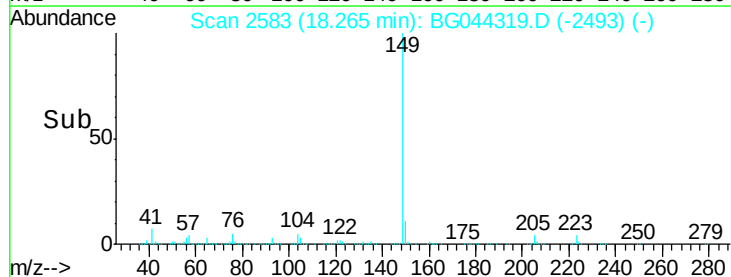
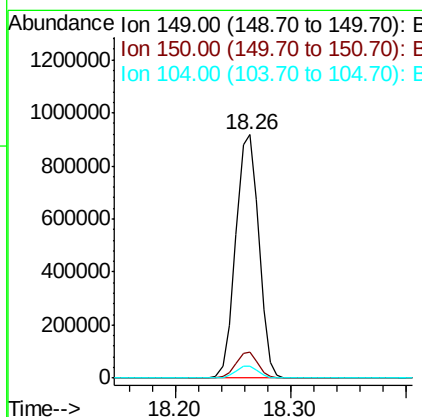
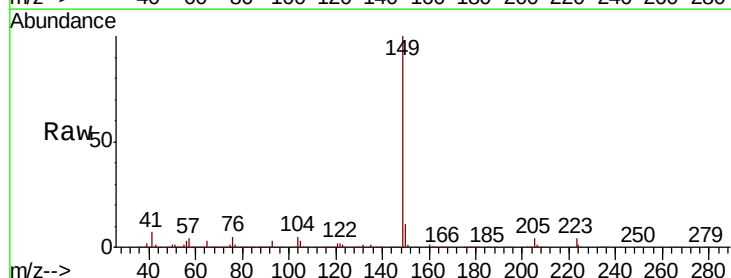
Instrument :
 BNA_G
 ClientSampleId :
 PB126601BS

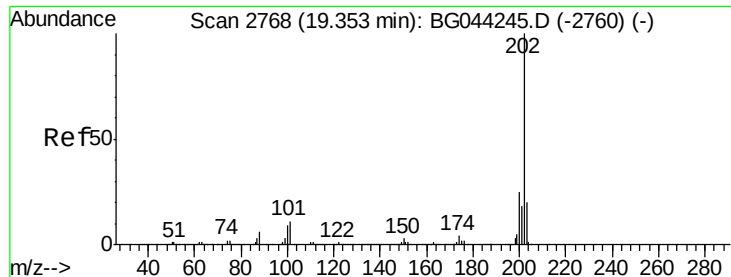
Tot Ion:167 Resp: 1022965
 Ion Ratio Lower Upper
 167 100
 166 24.4 19.8 29.6
 139 13.7 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 36.694 ng
 RT: 18.26 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: BG044319.D
 Acq: 6 Feb 2020 12:38

Tgt Ion:149 Resp: 1269057
 Ion Ratio Lower Upper
 149 100
 150 10.6 8.7 13.1
 104 5.1 4.3 6.5





#75

Fluoranthene

Concen: 36.067 ng

RT: 19.35 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB126601BS

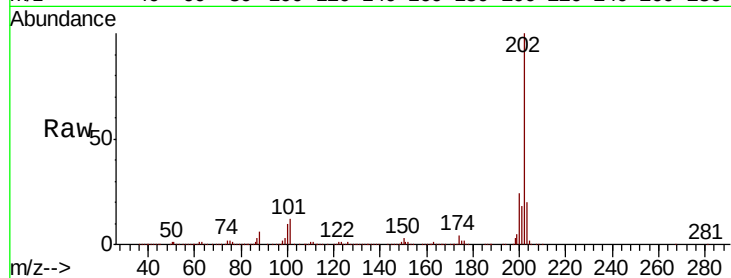
Tot Ion:202 Resp: 1281137

Ion Ratio Lower Upper

202 100

101 12.0 0.0 31.3

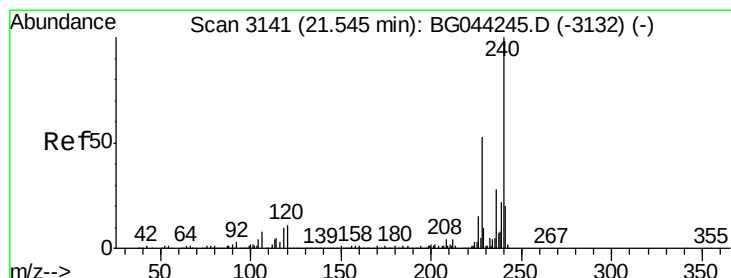
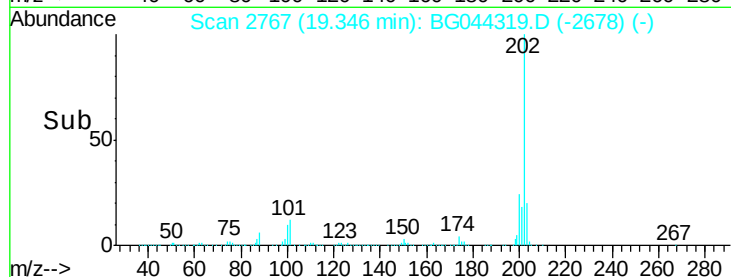
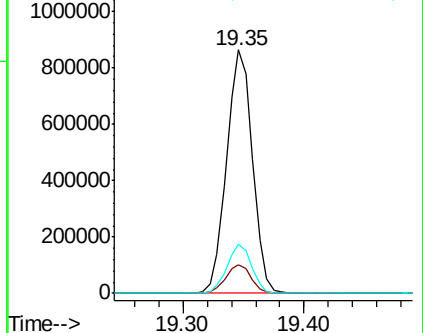
203 20.2 0.0 39.9



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: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

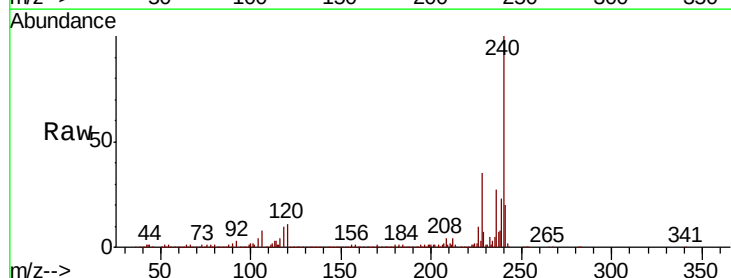
Tgt Ion:240 Resp: 545486

Ion Ratio Lower Upper

240 100

120 10.8 8.4 12.6

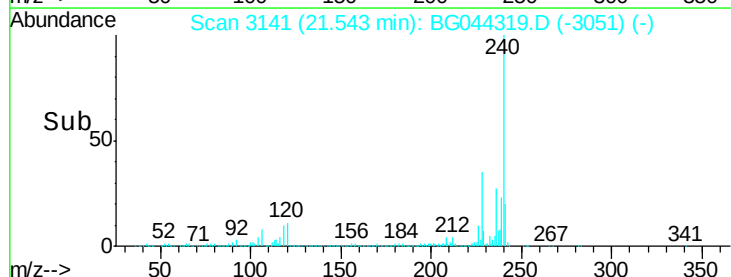
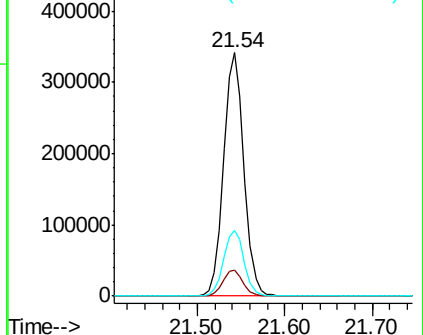
236 27.2 22.1 33.1

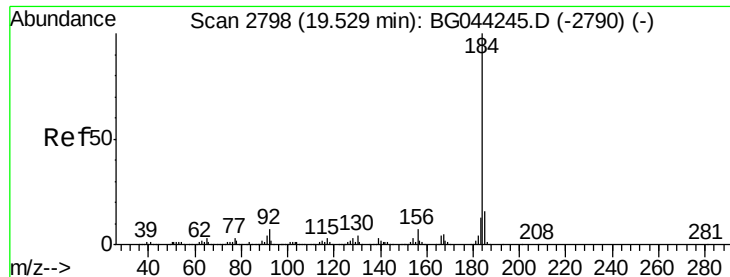


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 13.935 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

Instrument :

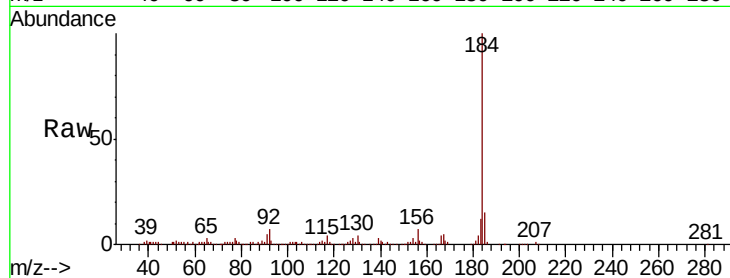
BNA_G

ClientSampleId :

PB126601BS

Tot Ion:184 Resp: 210839

Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.9	19.3
183	11.9	10.8	16.2

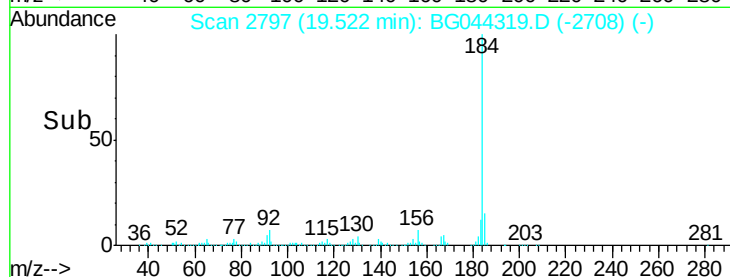
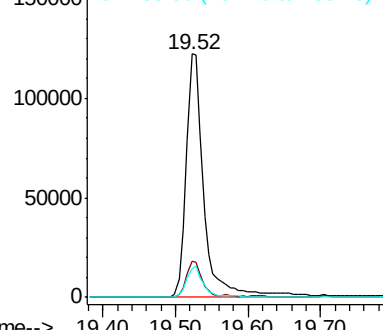


Abundance

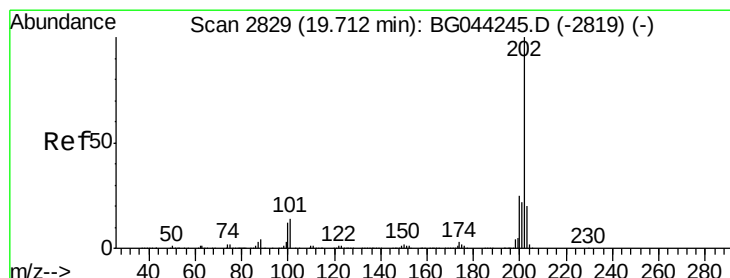
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 36.612 ng

RT: 19.71 min Scan# 2829

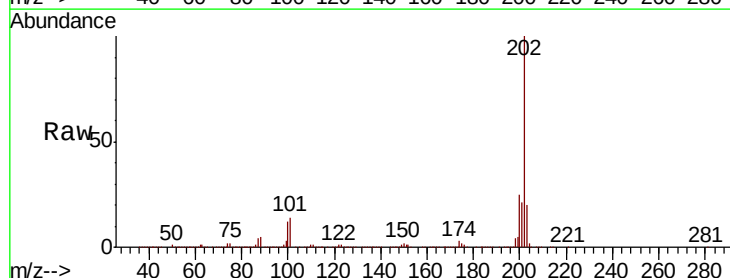
Delta R.T. -0.00 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

Tgt Ion:202 Resp: 1282582

Ion	Ratio	Lower	Upper
202	100		
200	24.6	20.0	30.0
203	20.4	16.2	24.2

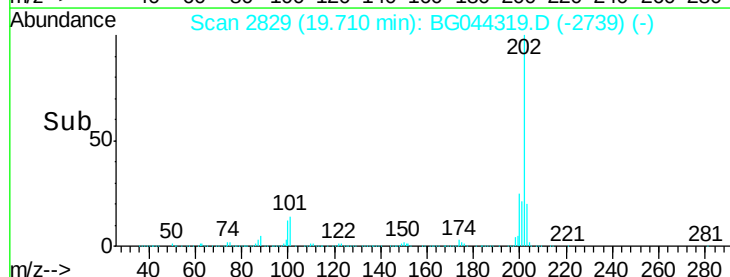
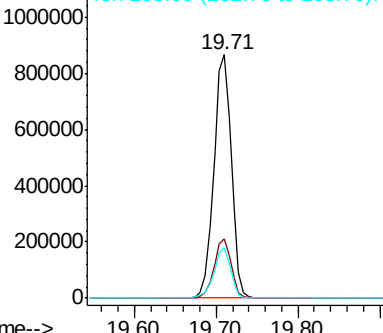


Abundance

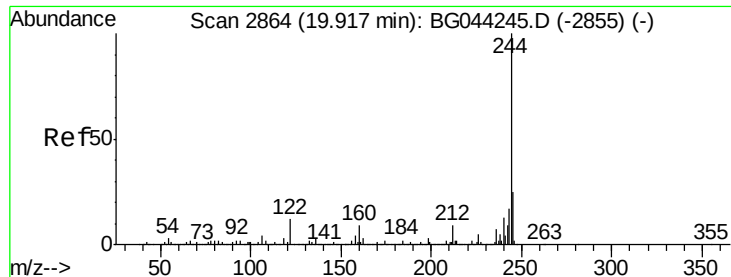
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 64.130 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB126601BS

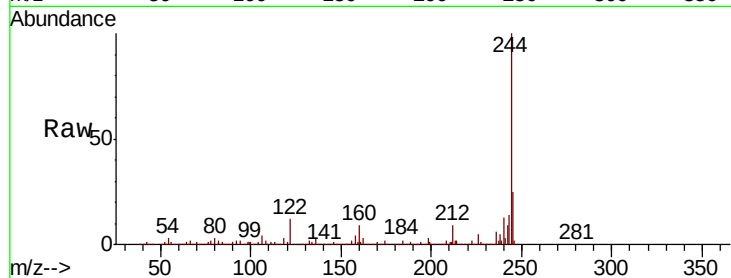
Tot Ion:244 Resp: 1700746

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.4	11.2
122	12.3	9.8	14.6

244 100

212 9.1 7.4 11.2

122 12.3 9.8 14.6

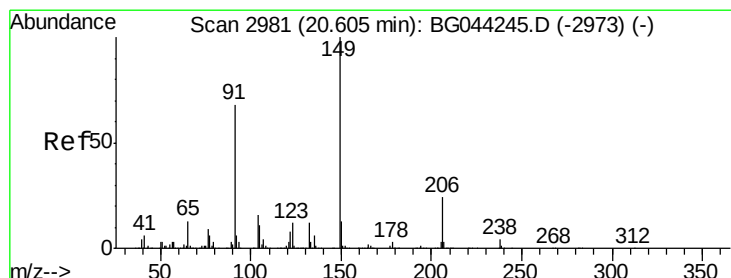
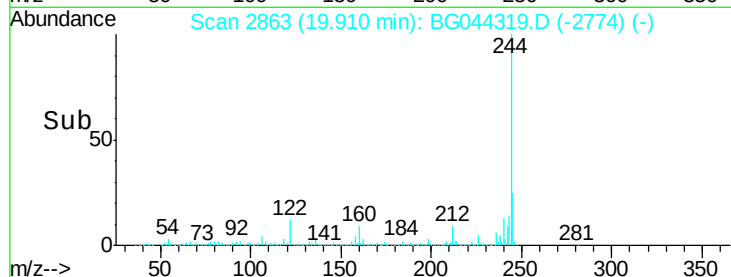
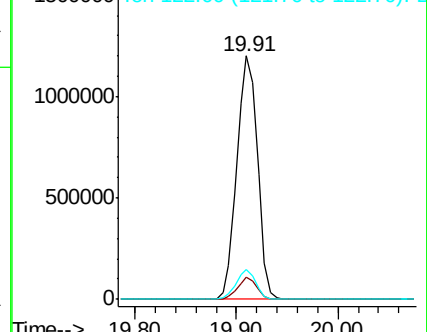


Abundance

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: 36.189 ng

RT: 20.60 min Scan# 2980

Delta R.T. -0.01 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

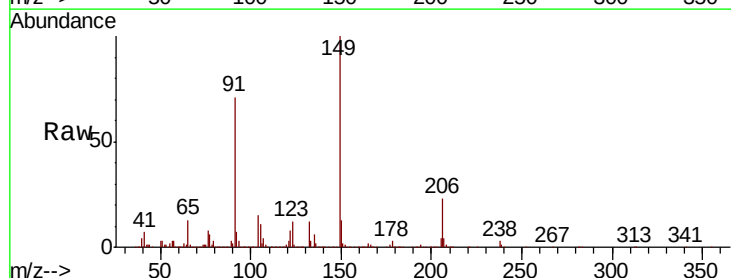
Tgt Ion:149 Resp: 577729

Ion	Ratio	Lower	Upper
149	100		
91	70.6	54.5	81.7
206	22.8	19.1	28.7

149 100

91 70.6 54.5 81.7

206 22.8 19.1 28.7

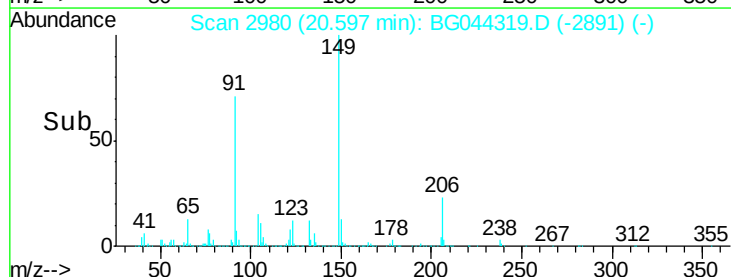
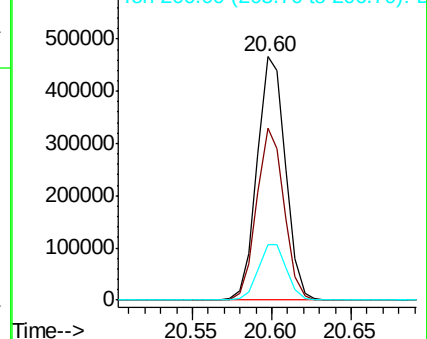


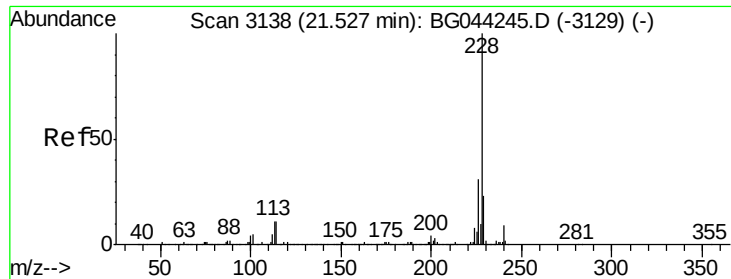
Abundance

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

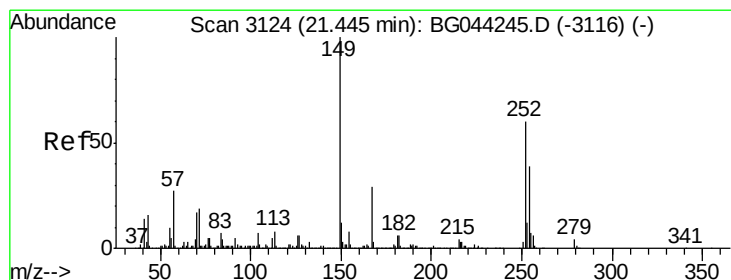
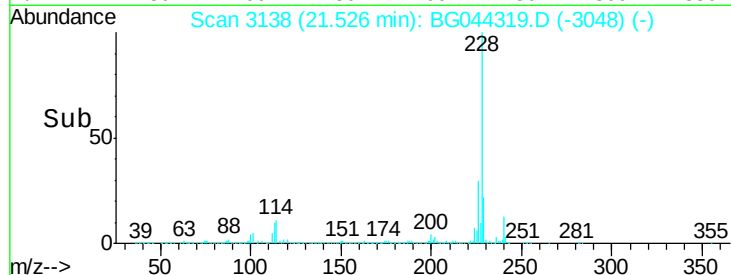
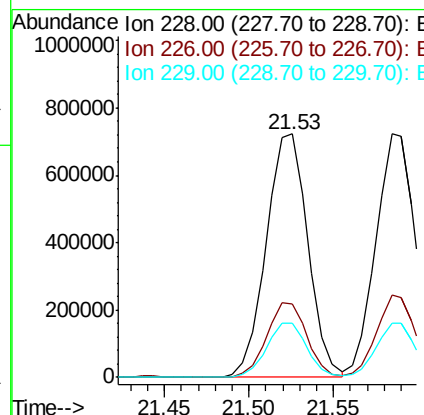
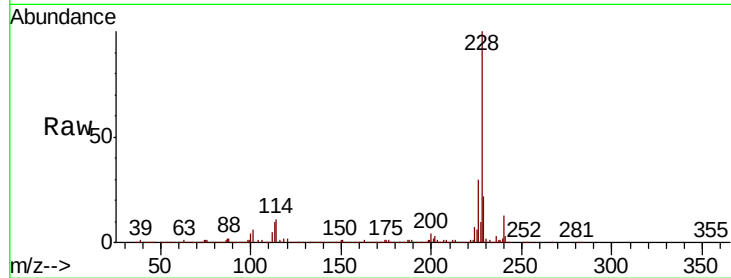




#81
Benzo(a)anthracene
Concen: 36.778 ng
RT: 21.53 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

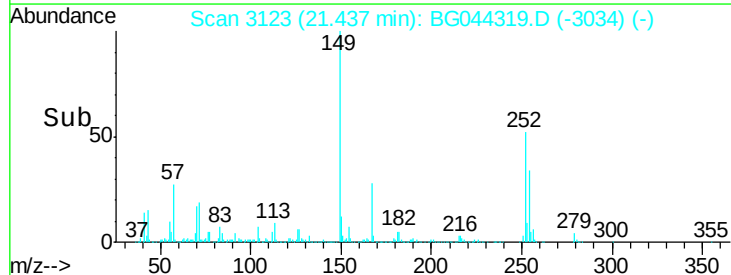
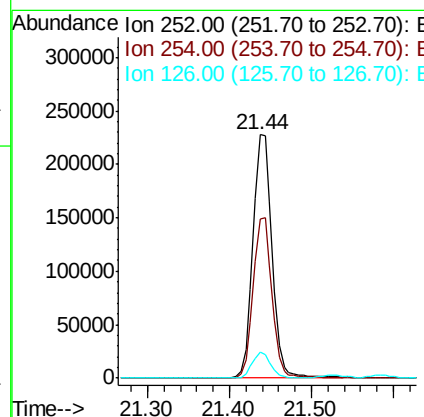
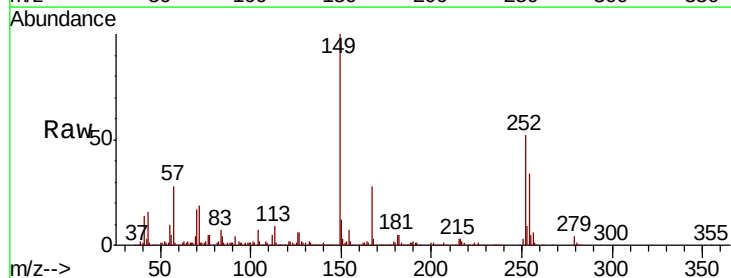
Instrument :
BNA_G
ClientSampleId :
PB126601BS

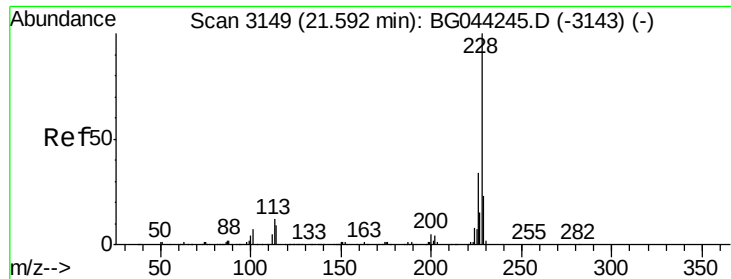
Tot Ion:228 Resp: 1236434
Ion Ratio Lower Upper
228 100
226 30.2 24.7 37.1
229 22.2 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 28.494 ng
RT: 21.44 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

Tgt Ion:252 Resp: 371789
Ion Ratio Lower Upper
252 100
254 65.6 52.6 78.8
126 10.7 8.2 12.4





#83

Chrysene

Concen: 36.514 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

Instrument :

BNA_G

ClientSampleId :

PB126601BS

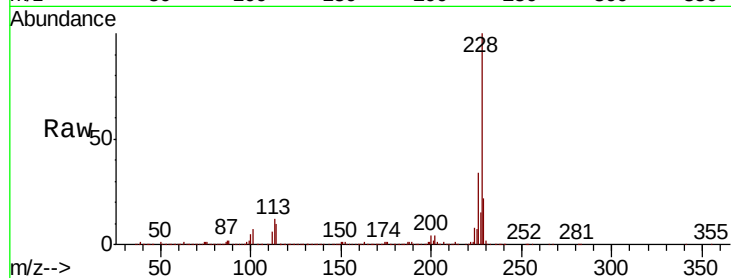
Tot Ion:228 Resp: 1186559

Ion Ratio Lower Upper

228 100

226 33.8 27.1 40.7

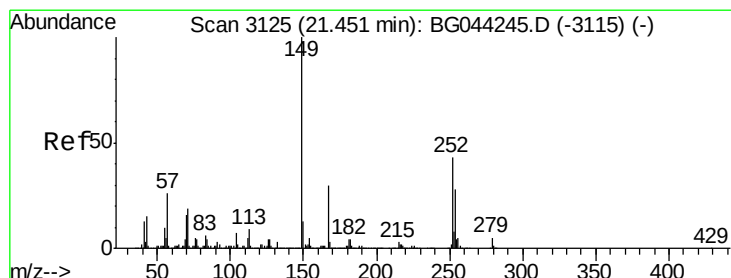
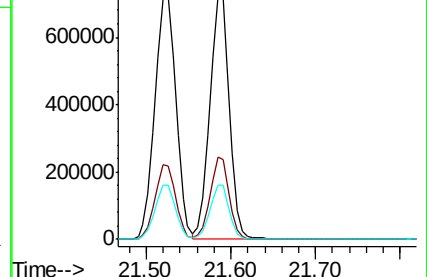
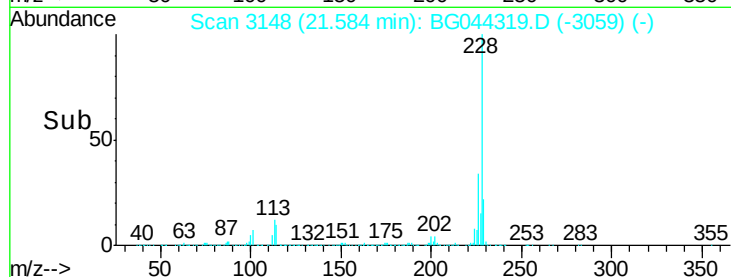
229 22.2 17.9 26.9



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: 37.174 ng

RT: 21.44 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BG044319.D

Acq: 6 Feb 2020 12:38

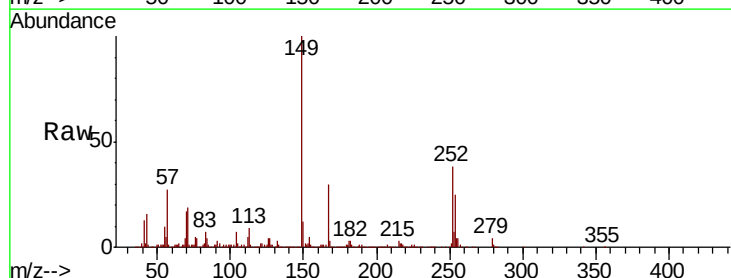
Tgt Ion:149 Resp: 816833

Ion Ratio Lower Upper

149 100

167 30.2 24.0 36.0

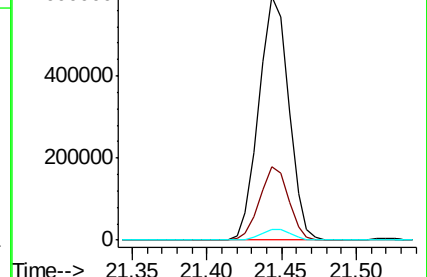
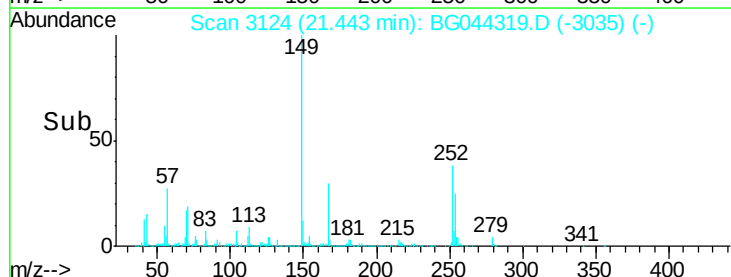
279 4.5 3.8 5.8

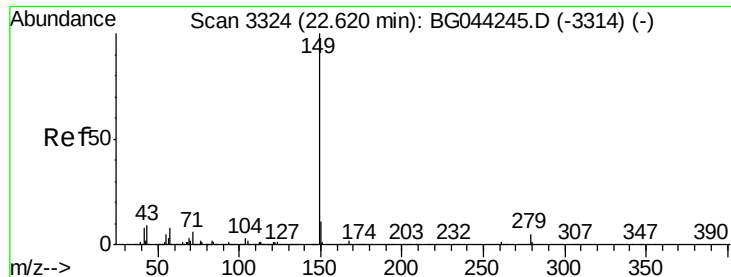


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

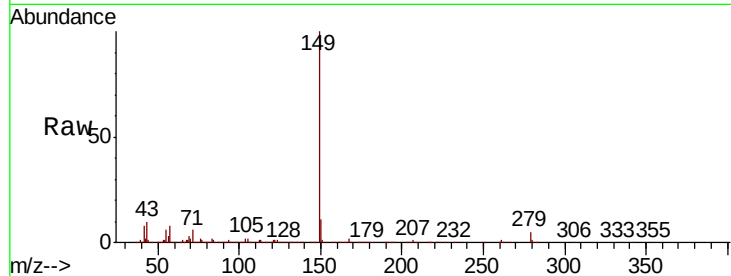




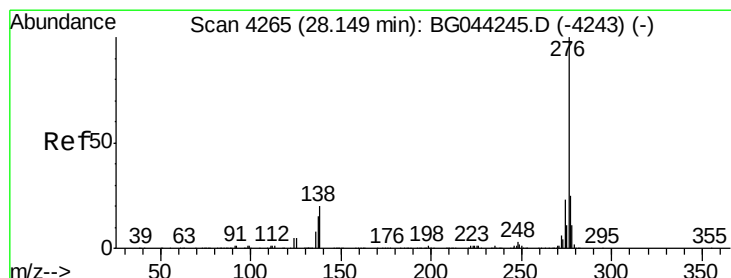
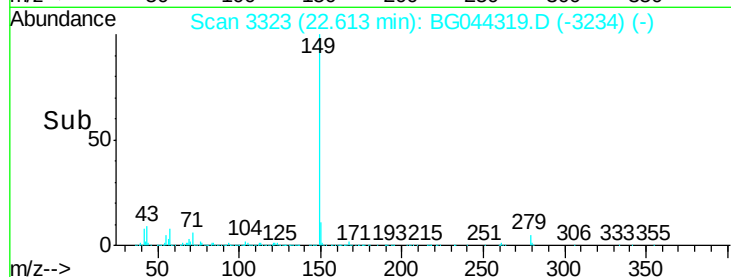
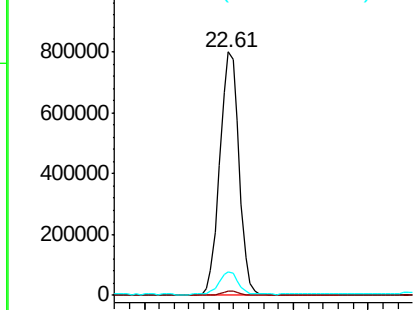
#85
Di-n-octyl phthalate
Concen: 37.538 ng
RT: 22.61 min Scan# 3323
Delta R.T. -0.01 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion:149 Resp: 1427158
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.0 7.4 11.0

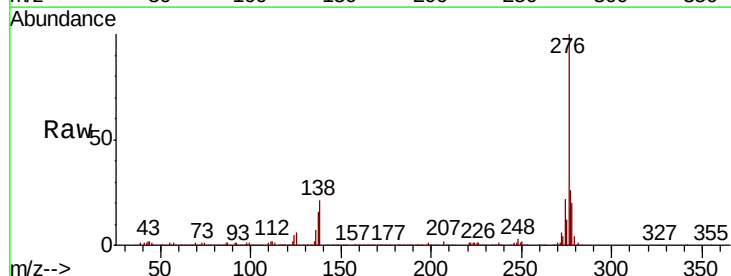


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

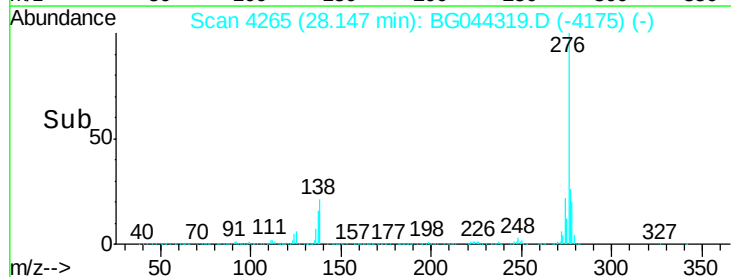
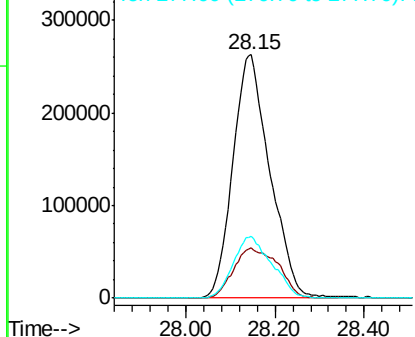


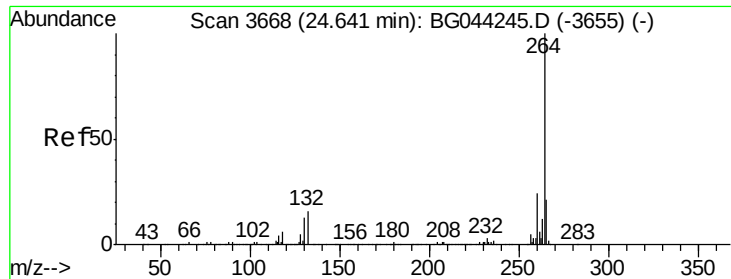
#86
Indeno(1,2,3-cd)pyrene
Concen: 35.674 ng
RT: 28.15 min Scan# 4265
Delta R.T. -0.00 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

Tgt Ion:276 Resp: 1512404
Ion Ratio Lower Upper
276 100
138 24.9 19.4 29.0
277 26.6 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

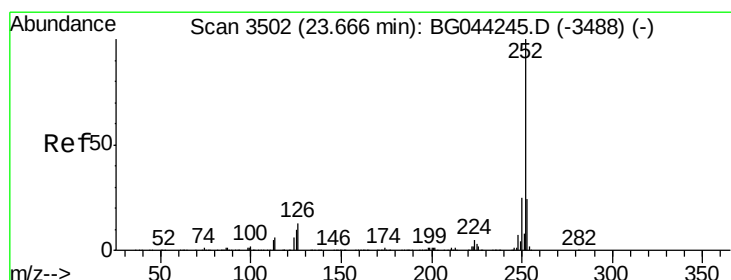
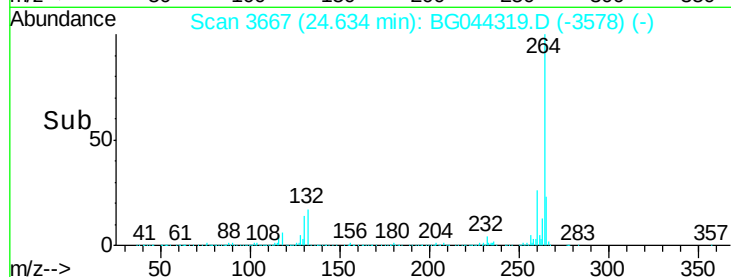
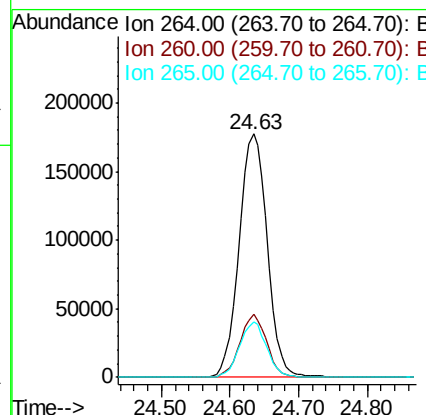
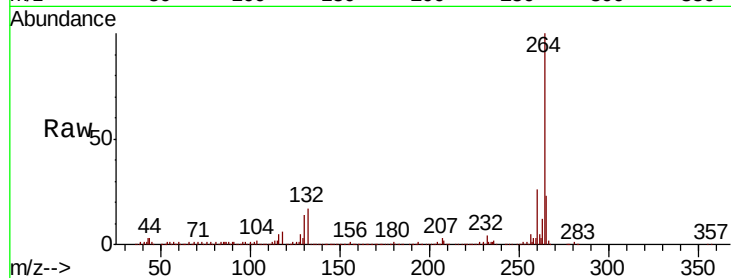




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.63 min Scan# 3667
Delta R.T. -0.01 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

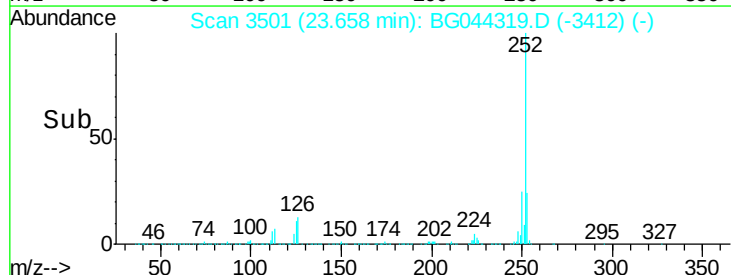
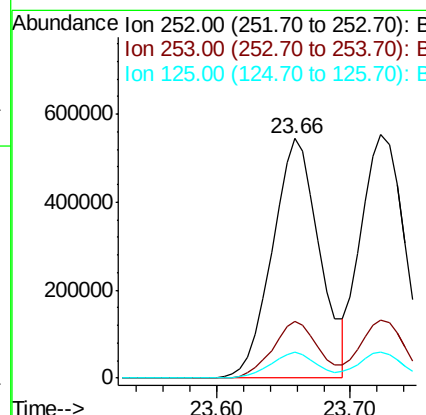
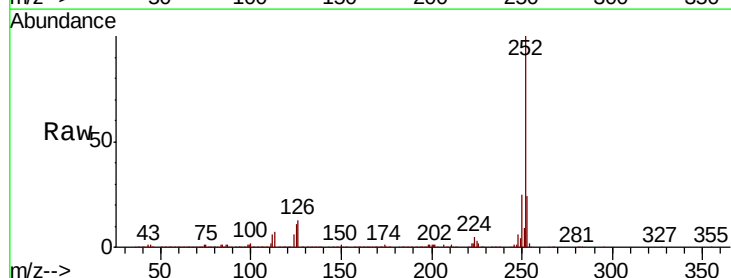
Instrument :
BNA_G
ClientSampleId :
PB126601BS

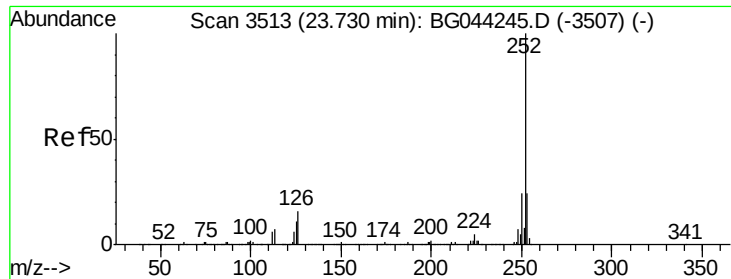
Tot Ion:264 Resp: 505323
Ion Ratio Lower Upper
264 100
260 26.0 19.4 29.2
265 22.6 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 45.827 ng
RT: 23.66 min Scan# 3501
Delta R.T. -0.01 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

Tgt Ion:252 Resp: 1334423
Ion Ratio Lower Upper
252 100
253 23.8 19.2 28.8
125 10.9 8.4 12.6

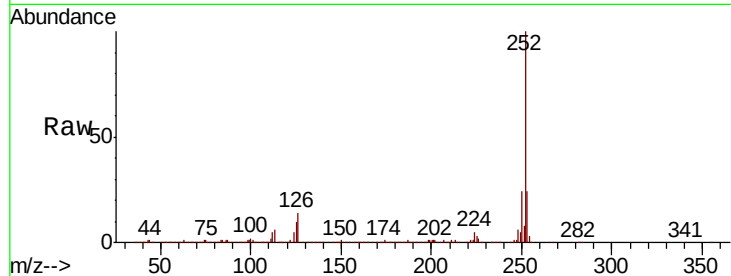




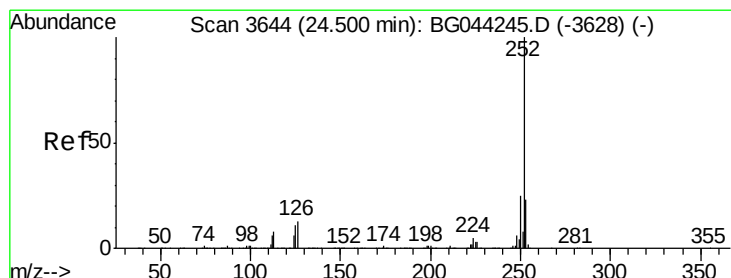
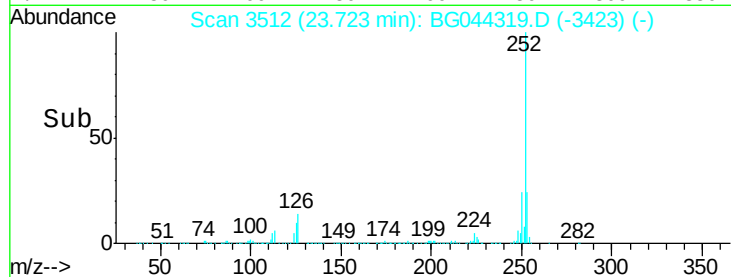
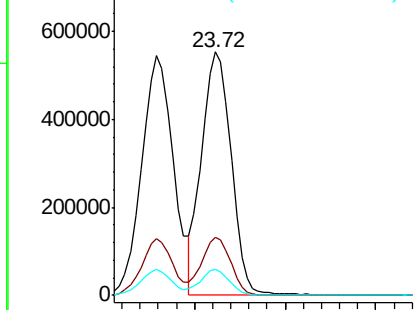
#89
Benzo(k)fluoranthene
Concen: 44.165 ng
RT: 23.72 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion:252 Resp: 1253401
Ion Ratio Lower Upper
252 100
253 24.1 19.1 28.7
125 10.5 8.6 12.8

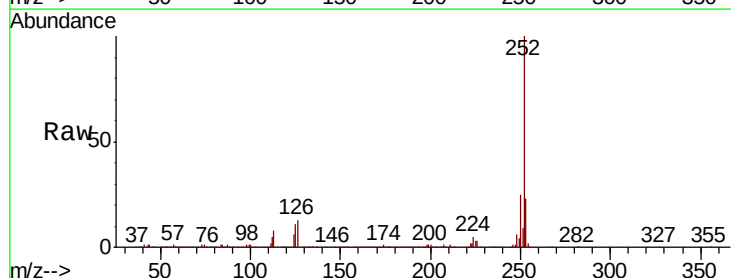


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

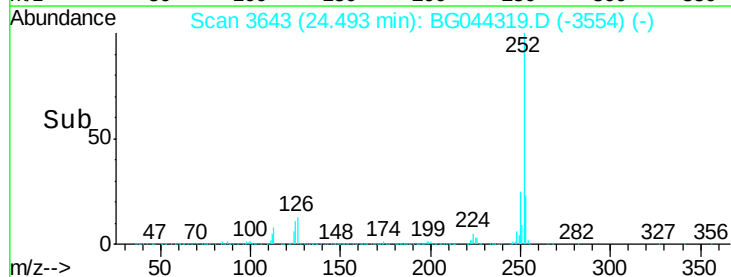
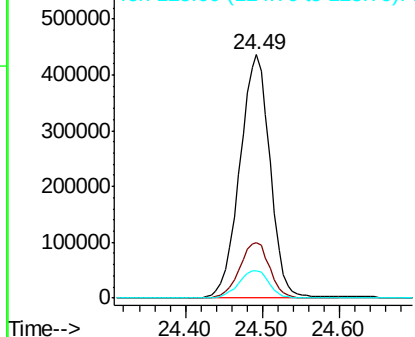


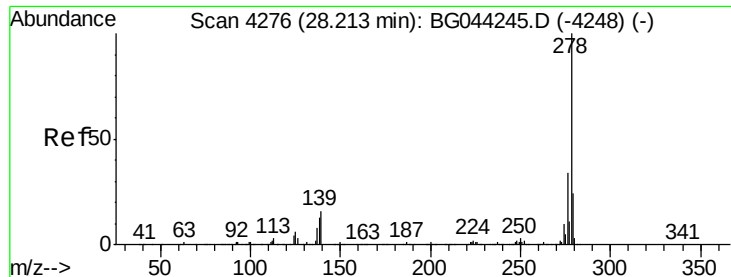
#90
Benzo(a)pyrene
Concen: 43.393 ng
RT: 24.49 min Scan# 3643
Delta R.T. -0.01 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

Tgt Ion:252 Resp: 1194668
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 11.4 8.6 13.0



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



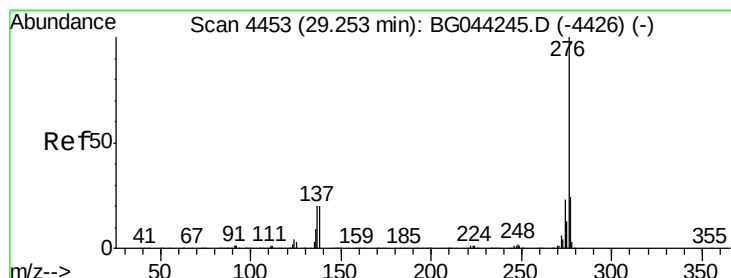
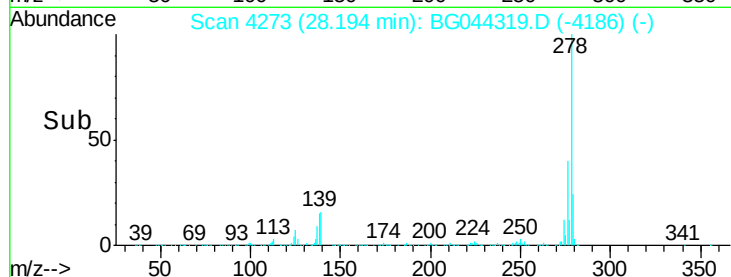
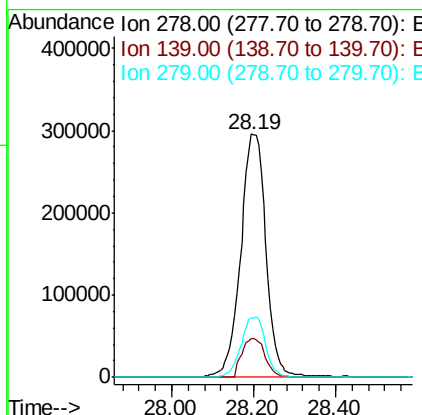
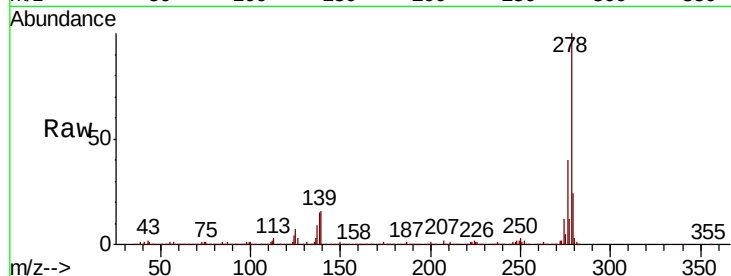


#91
Dibenzo(a,h)anthracene
Concen: 46.619 ng
RT: 28.19 min Scan# 4273
Delta R.T. -0.02 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

Instrument :
BNA_G
ClientSampleId :
PB126601BS

Tot Ion:278 Resp: 1270208

Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.7	19.1
279	24.5	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 46.983 ng
RT: 29.23 min Scan# 4450
Delta R.T. -0.02 min
Lab File: BG044319.D
Acq: 6 Feb 2020 12:38

Tgt Ion:276 Resp: 1281510

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.8	28.2
138	20.8	16.2	24.2

