

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
 Data File : BG044318.D
 Acq On : 6 Feb 2020 11:45
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 06 21:44:32 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	105642	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	423075	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	266536	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	561077	20.00	ng	0.00
76) Chrysene-d12	21.54	240	495288	20.00	ng	0.00
87) Perylene-d12	24.64	264	575734	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	491893	82.18	ng	0.00
7) Phenol-d6	7.08	99	643237	80.02	ng	0.00
23) Nitrobenzene-d5	9.07	82	585505	78.13	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	251564	80.40	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1293004	81.23	ng	0.00
79) Terphenyl-d14	19.91	244	1825786	75.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	108754	40.437	ng	99
3) Pyridine	3.79	79	302885	42.271	ng	100
4) n-Nitrosodimethylamine	3.70	42	117556	39.262	ng	93
6) Aniline	7.24	93	396825	39.772	ng	98
8) 2-Chlorophenol	7.48	128	267389	40.645	ng	97
9) Benzaldehyde	7.05	77	174076	38.024	ng	97
10) Phenol	7.11	94	318337	40.017	ng	99
11) bis(2-Chloroethyl)ether	7.34	93	265913	39.099	ng	97
12) 1,3-Dichlorobenzene	7.81	146	319980	40.737	ng	99
13) 1,4-Dichlorobenzene	7.95	146	315651	40.574	ng	99
14) 1,2-Dichlorobenzene	8.27	146	300435	40.857	ng	99
15) Benzyl Alcohol	8.15	79	225919	39.699	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.45	45	363352	39.473	ng	99
17) 2-Methylphenol	8.36	107	224562	39.565	ng	98
18) Hexachloroethane	9.00	117	116517	39.912	ng	99
19) n-Nitroso-di-n-propylamine	8.72	70	203988	38.078	ng	98
20) 3+4-Methylphenols	8.69	107	311882	39.872	ng	98
22) Acetophenone	8.73	105	410084	39.845	ng	99
24) Nitrobenzene	9.11	77	284582	38.899	ng	99
25) Isophorone	9.64	82	540024	38.663	ng	99
26) 2-Nitrophenol	9.83	139	156091	41.119	ng	99
27) 2,4-Dimethylphenol	9.89	122	212813	39.714	ng	100
28) bis(2-Chloroethoxy)methane	10.12	93	365958	39.276	ng	99
29) 2,4-Dichlorophenol	10.36	162	258916	39.959	ng	97
30) 1,2,4-Trichlorobenzene	10.58	180	299671	40.335	ng	100
31) Naphthalene	10.77	128	818670	39.884	ng	99
32) Benzoic acid	10.04	122	95531	33.246	ng	93
33) 4-Chloroaniline	10.87	127	372111	39.860	ng	99
34) Hexachlorobutadiene	11.06	225	182344	39.886	ng	98
35) Caprolactam	11.64	113	92097	38.801	ng	99
36) 4-Chloro-3-methylphenol	12.00	107	263007	38.715	ng	100
37) 2-Methylnaphthalene	12.37	142	605480	39.729	ng	99
38) 1-Methylnaphthalene	12.59	142	573616	39.922	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	321444	40.317	ng	99

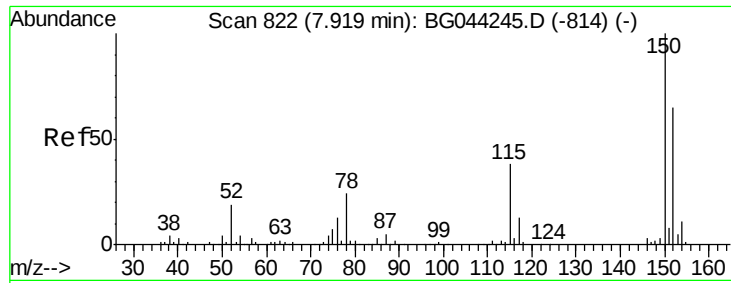
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
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 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	181973	47.566	ng	100
43) 2,4,6-Trichlorophenol	12.98	196	210941	40.931	ng	96
44) 2,4,5-Trichlorophenol	13.06	196	214432	40.737	ng	98
46) 1,1'-Biphenyl	13.38	154	779819	40.562	ng	99
47) 2-Chloronaphthalene	13.42	162	615523	40.234	ng	99
48) 2-Nitroaniline	13.62	65	174735	38.701	ng	94
49) Acenaphthylene	14.27	152	909697	40.541	ng	99
50) Dimethylphthalate	14.00	163	763709	39.861	ng	99
51) 2,6-Dinitrotoluene	14.12	165	166178	38.900	ng	98
52) Acenaphthene	14.62	154	579782	39.863	ng	99
53) 3-Nitroaniline	14.45	138	190211	40.246	ng	99
54) 2,4-Dinitrophenol	14.66	184	87615	38.939	ng	98
55) Dibenzofuran	14.95	168	880849	40.001	ng	99
56) 4-Nitrophenol	14.77	139	141748	40.944	ng	96
57) 2,4-Dinitrotoluene	14.91	165	235735	39.372	ng	98
58) Fluorene	15.60	166	693717	39.997	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	193677	40.735	ng	98
60) Diethylphthalate	15.37	149	758880	39.751	ng	100
61) 4-Chlorophenyl-phenylether	15.59	204	368882	39.225	ng	98
62) 4-Nitroaniline	15.61	138	190815	40.405	ng	96
63) Azobenzene	15.88	77	654486	39.116	ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	130932	42.275	ng	97
66) n-Nitrosodiphenylamine	15.81	169	634970	40.383	ng	99
67) 4-Bromophenyl-phenylether	16.48	248	246538	40.331	ng	98
68) Hexachlorobenzene	16.61	284	275168	40.180	ng	98
69) Atrazine	16.75	200	219496	40.727	ng	98
70) Pentachlorophenol	16.95	266	137192	41.201	ng	99
71) Phenanthrene	17.34	178	1106698	40.733	ng	99
72) Anthracene	17.43	178	1095653	40.789	ng	99
73) Carbazole	17.69	167	1023506	41.332	ng	99
74) Di-n-butylphthalate	18.26	149	1267101	41.407	ng	100
75) Fluoranthene	19.35	202	1299361	41.342	ng	99
77) Benzidine	19.53	184	617566	44.953	ng	98
78) Pyrene	19.71	202	1310230	41.192	ng	99
80) Butylbenzylphthalate	20.60	149	601992	41.531	ng	97
81) Benzo(a)anthracene	21.53	228	1259556	41.263	ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	499042	42.124	ng	100
83) Chrysene	21.59	228	1215864	41.208	ng	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	823052	41.253	ng	99
85) Di-n-octyl phthalate	22.61	149	1438127	41.661	ng	99
86) Indeno(1,2,3-cd)pyrene	28.14	276	1569557	40.774	ng	99
88) Benzo(b)fluoranthene	23.66	252	1389770	41.891	ng	99
89) Benzo(k)fluoranthene	23.72	252	1304304	40.338	ng	99
90) Benzo(a)pyrene	24.49	252	1285334	40.977	ng	98
91) Dibenzo(a,h)anthracene	28.21	278	1268125	40.850	ng	100
92) Benzo(g,h,i)perylene	29.24	276	1260535	40.562	ng	98

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

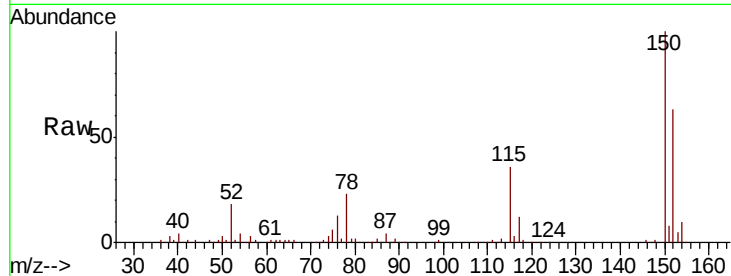


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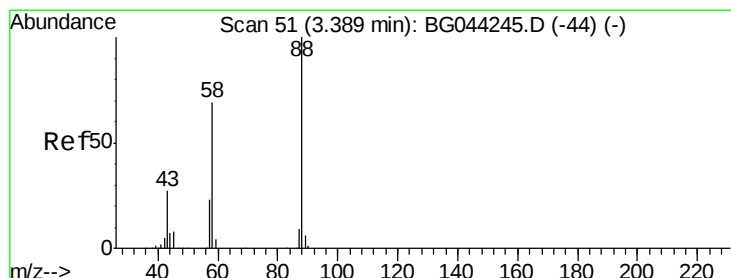
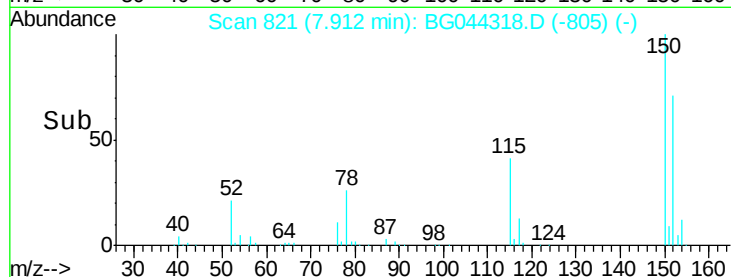
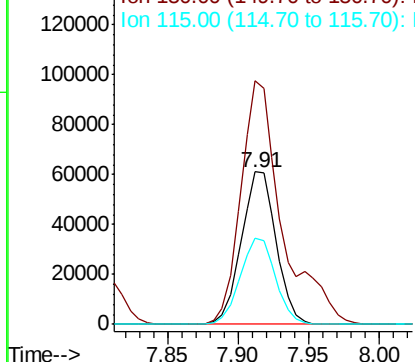
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 105642
Ion Ratio Lower Upper
152 100
150 159.8 122.6 183.8
115 56.9 46.0 69.0



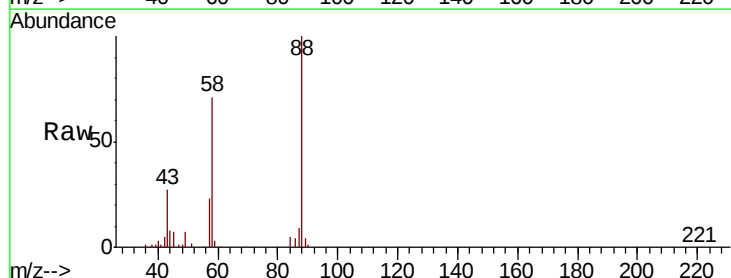
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



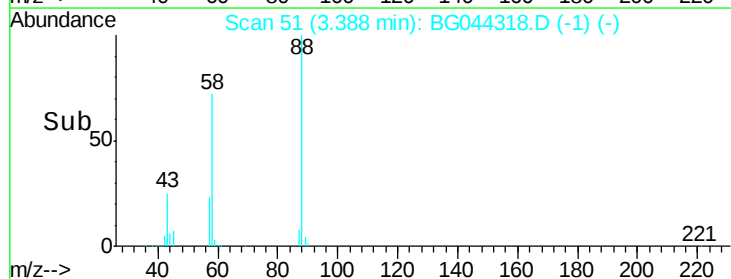
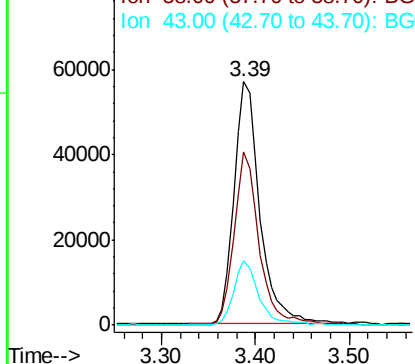
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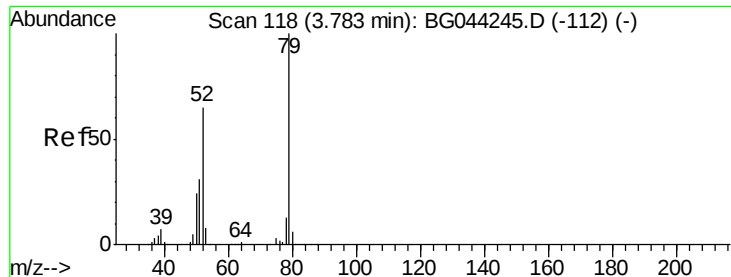
1,4-Dioxane
Concen: 40.437 ng
RT: 3.39 min Scan# 51
Delta R.T. -0.00 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

Tgt Ion: 88 Resp: 108754
Ion Ratio Lower Upper
88 100
58 69.4 55.8 83.6
43 26.3 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: 42.271 ng

RT: 3.79 min Scan# 119

Delta R.T. 0.00 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

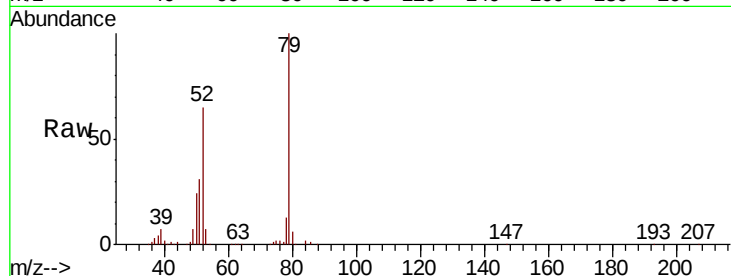
Tot Ion: 79 Resp: 302885

Ion Ratio Lower Upper

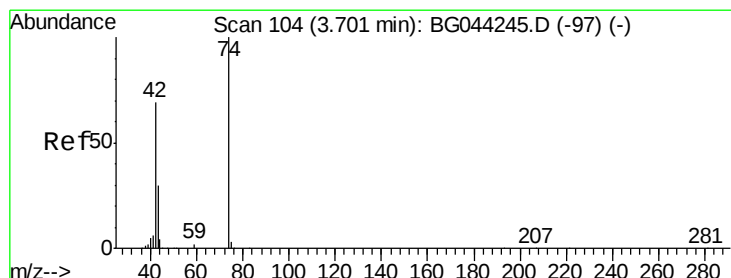
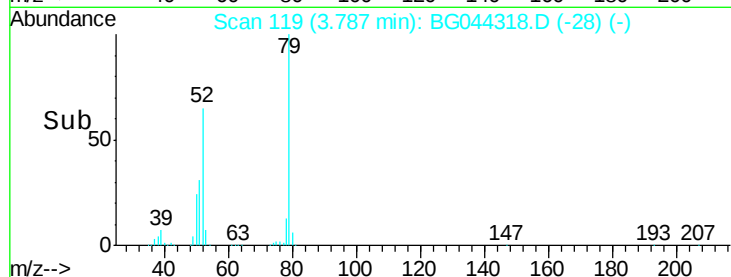
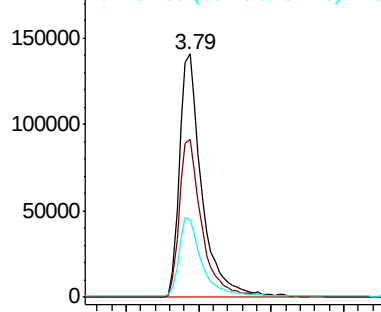
79 100

52 64.6 51.9 77.9

51 31.5 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: 39.262 ng

RT: 3.70 min Scan# 104

Delta R.T. -0.00 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

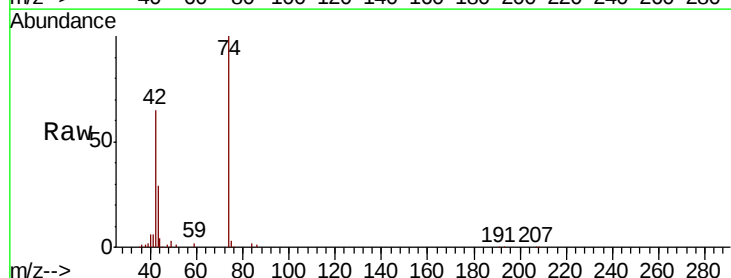
Tgt Ion: 42 Resp: 117556

Ion Ratio Lower Upper

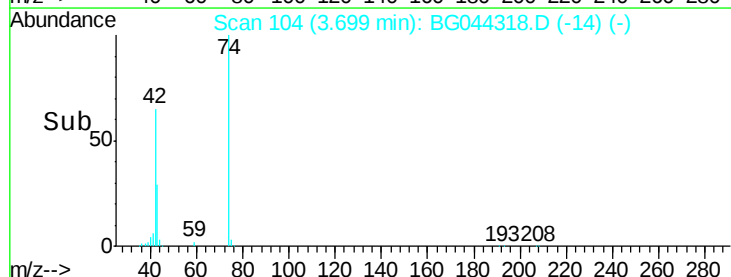
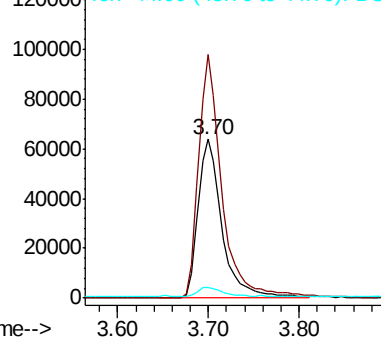
42 100

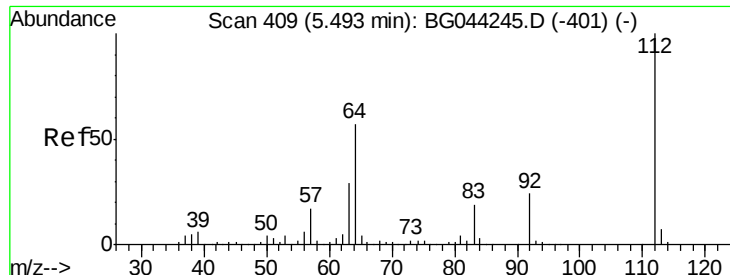
74 153.1 115.1 172.7

44 6.6 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: 82.175 ng

RT: 5.49 min Scan# 409

Delta R.T. -0.00 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

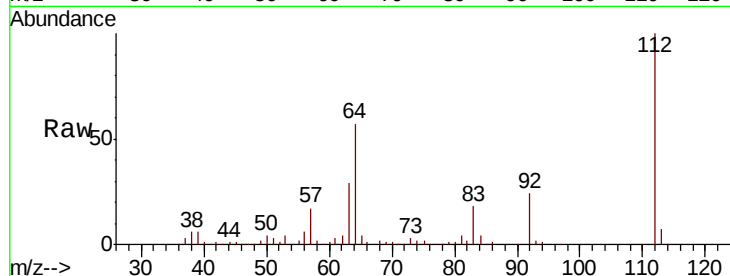
Tot Ion:112 Resp: 491893

Ion Ratio Lower Upper

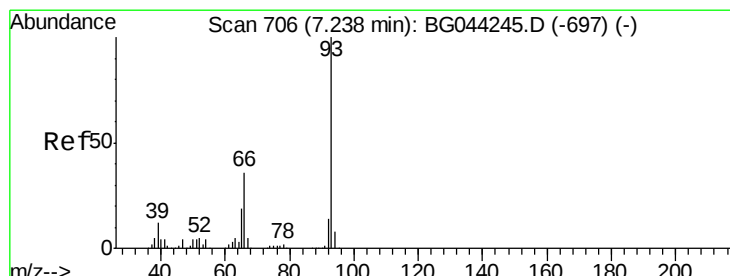
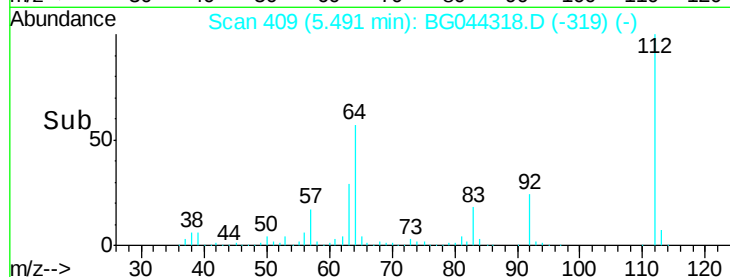
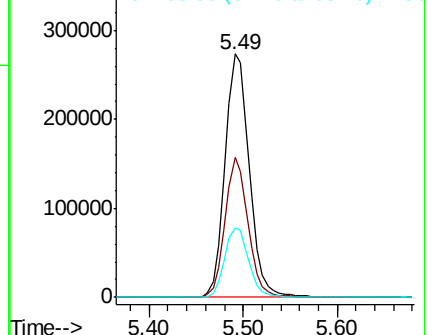
112 100

64 57.4 45.4 68.2

63 28.8 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.772 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

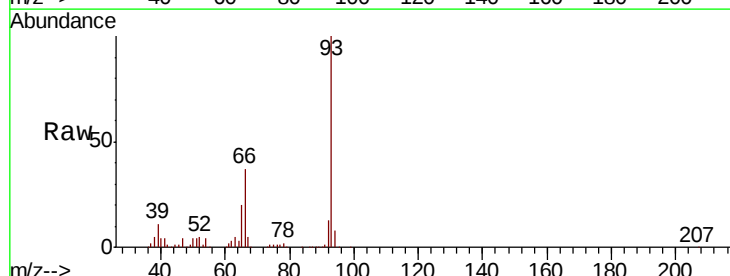
Tgt Ion: 93 Resp: 396825

Ion Ratio Lower Upper

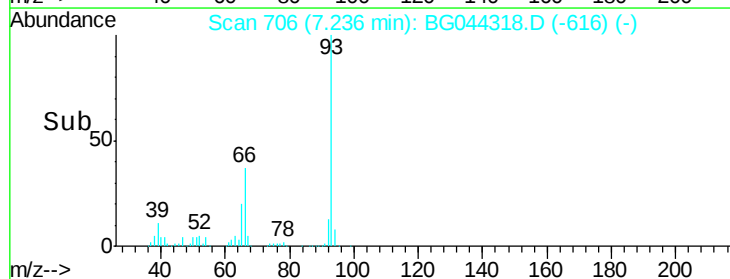
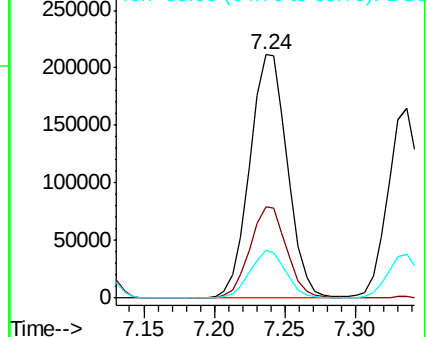
93 100

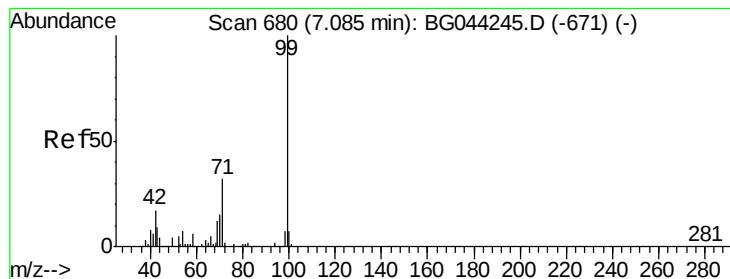
66 37.4 28.7 43.1

65 19.7 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: 80.023 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

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ClientSampleId :

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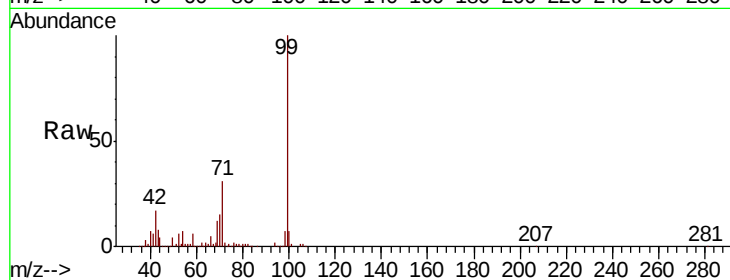
Tot Ion: 99 Resp: 643237

Ion Ratio Lower Upper

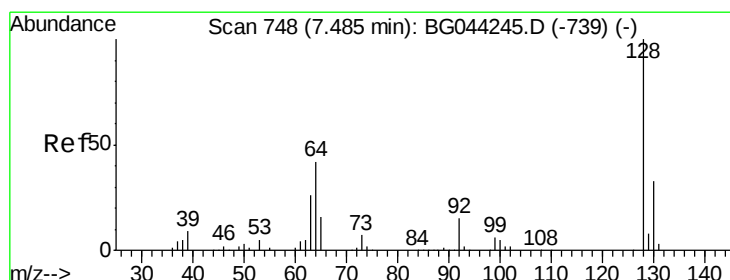
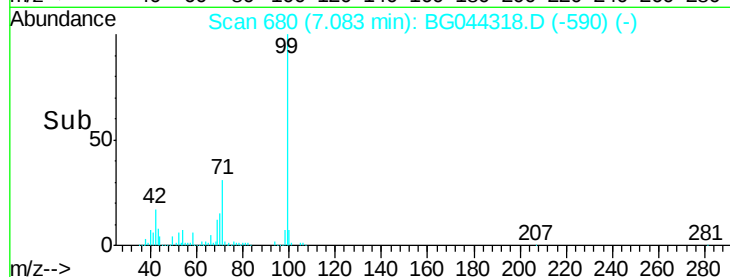
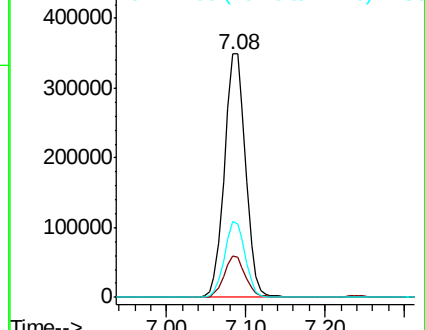
99 100

42 17.2 13.8 20.6

71 31.0 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: 40.645 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.00 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

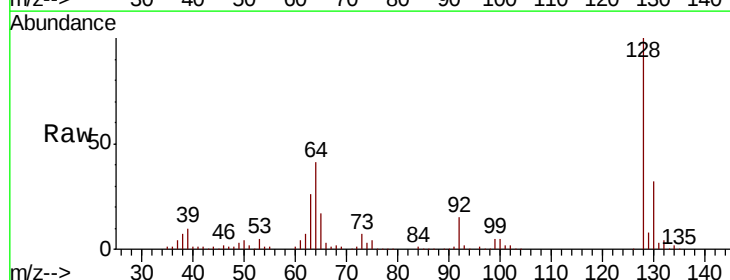
Tgt Ion: 128 Resp: 267389

Ion Ratio Lower Upper

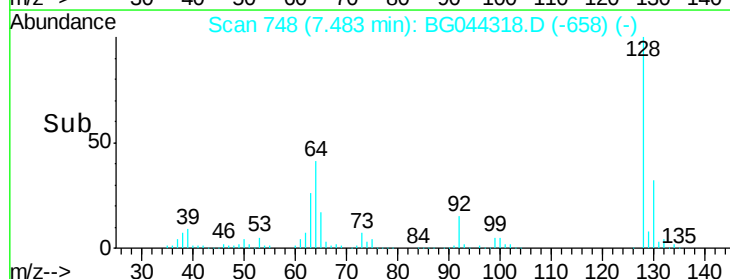
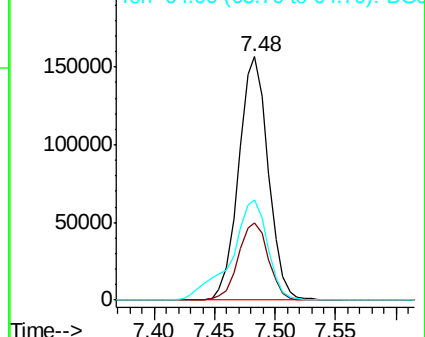
128 100

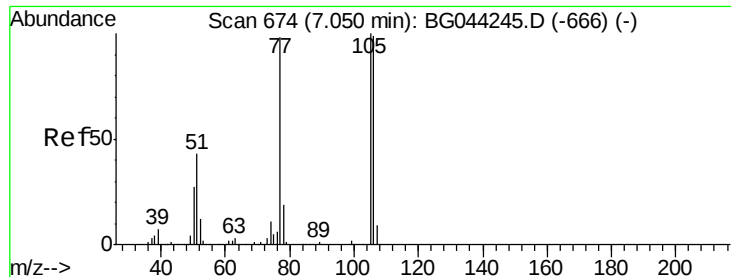
130 31.9 12.5 52.5

64 41.3 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: 38.024 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

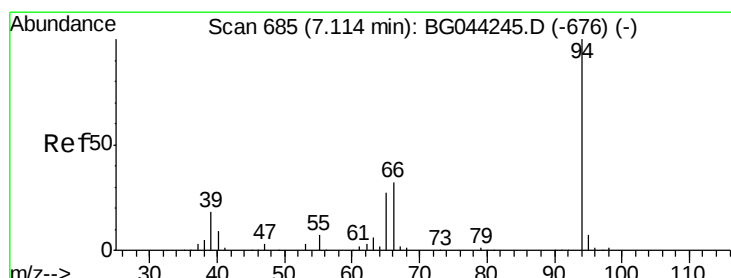
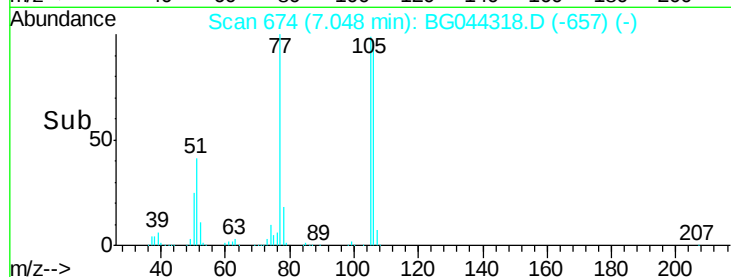
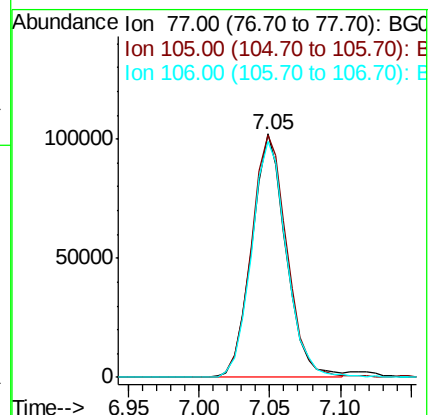
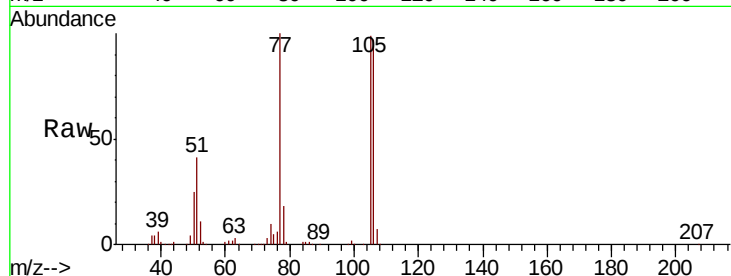
Tot Ion: 77 Resp: 174076

Ion Ratio Lower Upper

77 100

105 99.4 82.0 122.0

106 97.1 80.7 120.7



#10

Phenol

Concen: 40.017 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

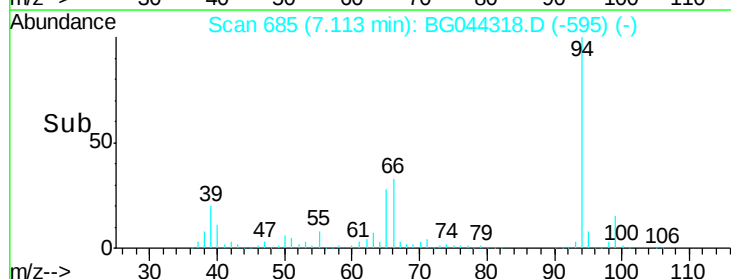
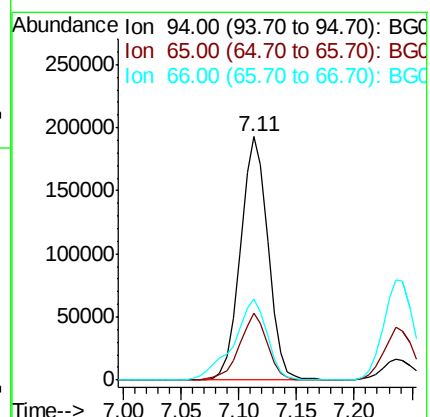
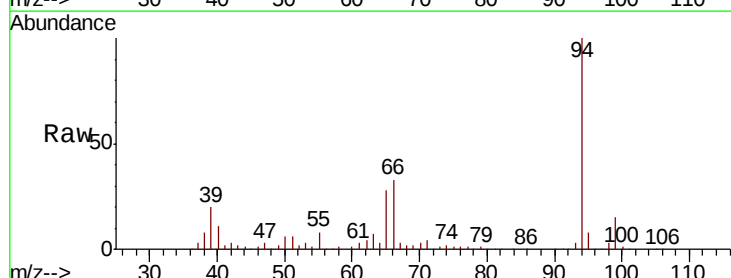
Tgt Ion: 94 Resp: 318337

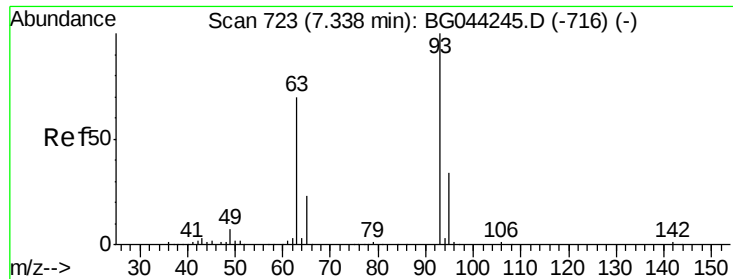
Ion Ratio Lower Upper

94 100

65 27.8 7.0 47.0

66 33.4 12.7 52.7

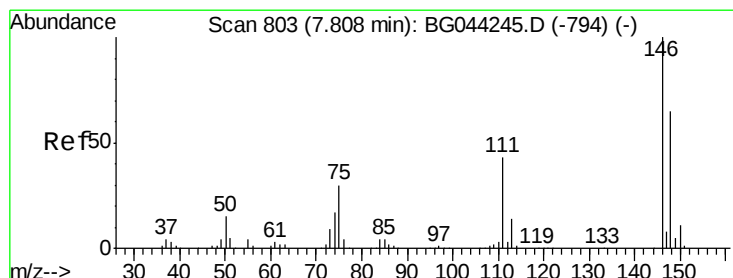
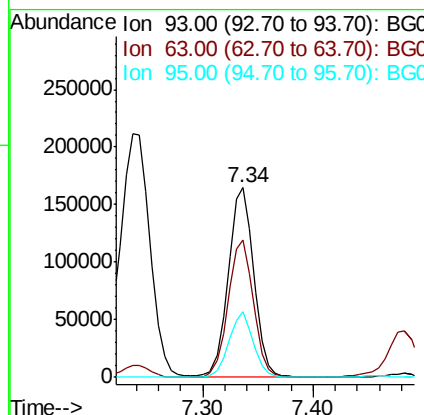
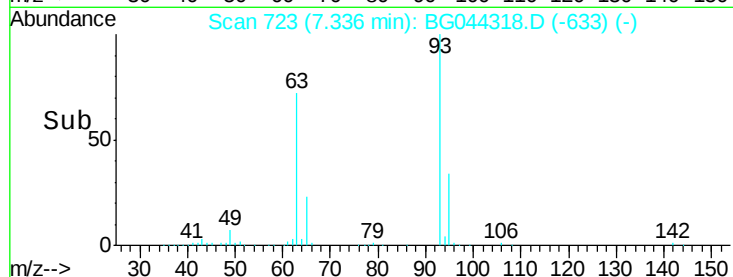
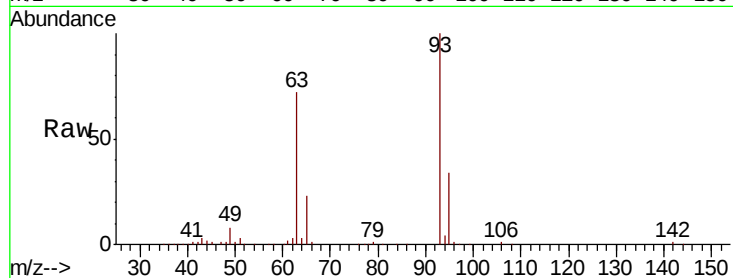




#11
bis(2-Chloroethyl)ether
Concen: 39.099 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

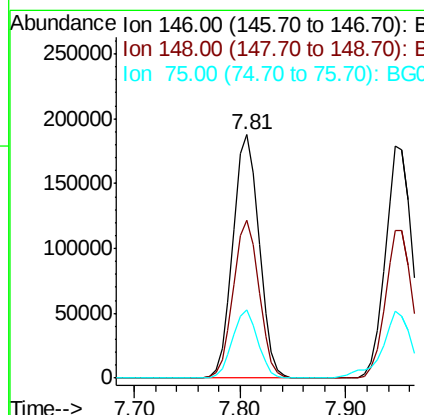
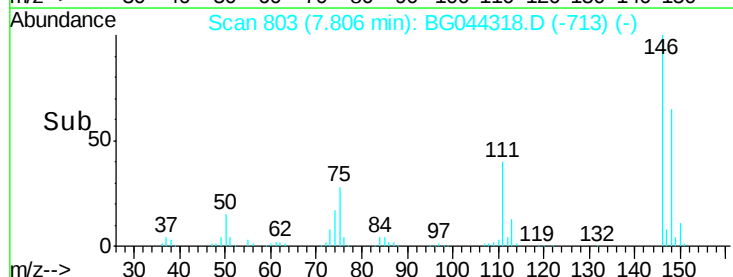
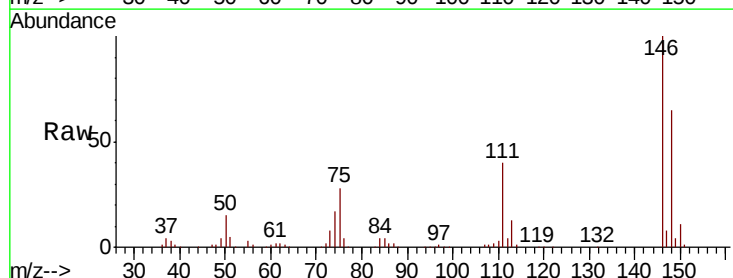
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

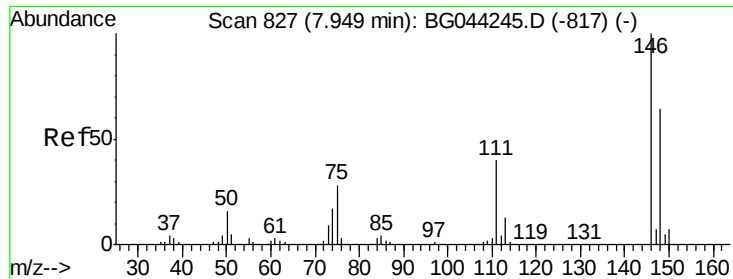
Tot Ion: 93 Resp: 265913
Ion Ratio Lower Upper
93 100
63 72.2 49.2 89.2
95 34.4 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 40.737 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

Tgt Ion: 146 Resp: 319980
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.8
75 27.9 23.7 35.5

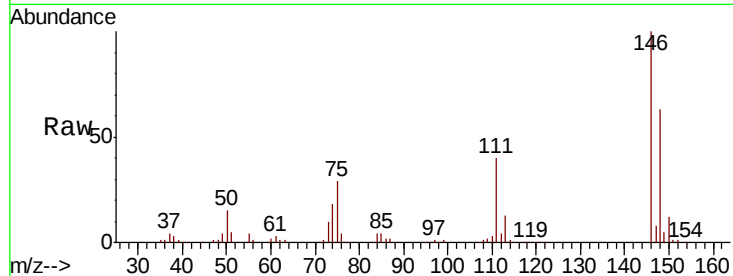




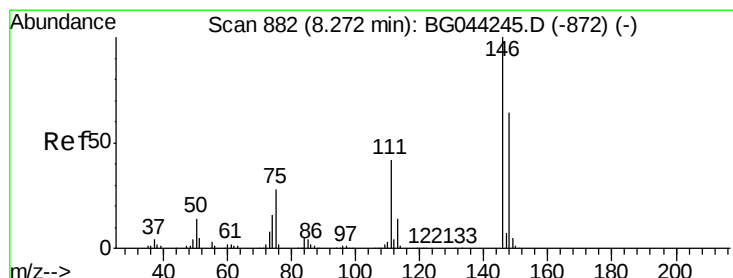
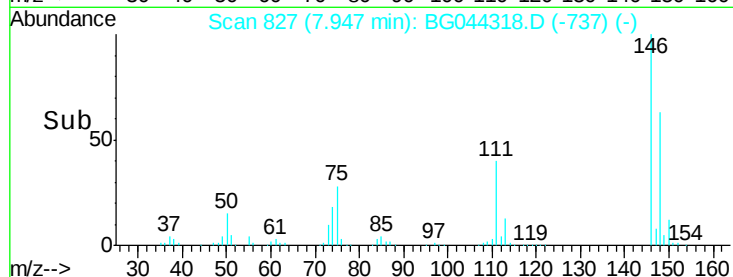
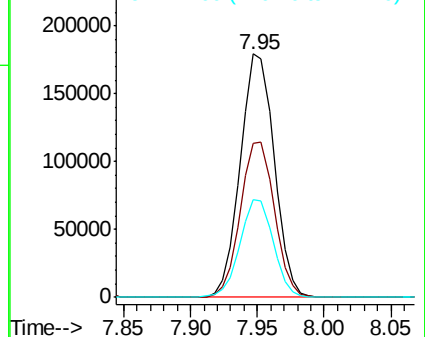
#13
 1,4-Dichlorobenzene
 Concen: 40.574 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG044318.D
 Acq: 6 Feb 2020 11:45

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion:146 Resp: 315651
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.4 77.0
 111 40.1 31.8 47.8

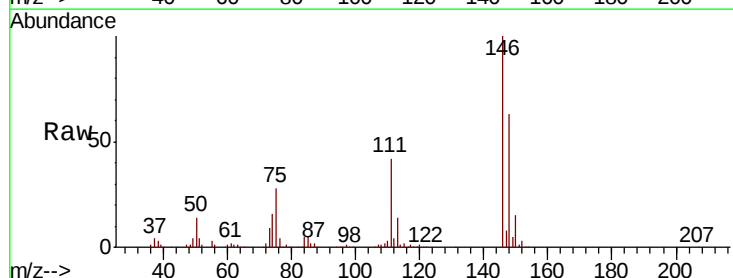


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

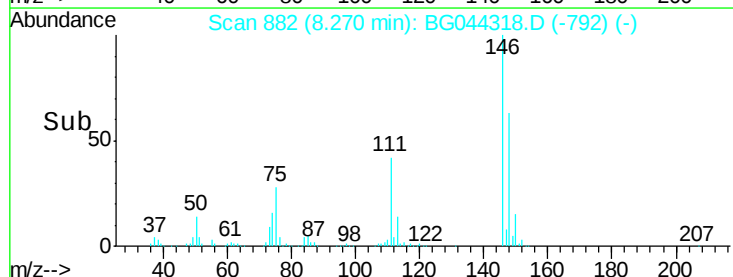
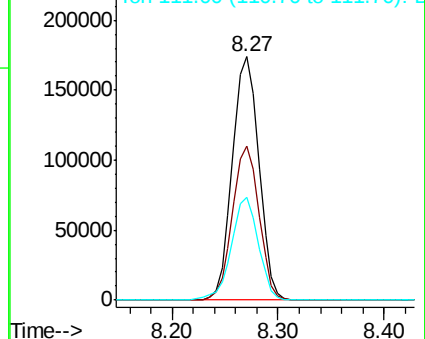


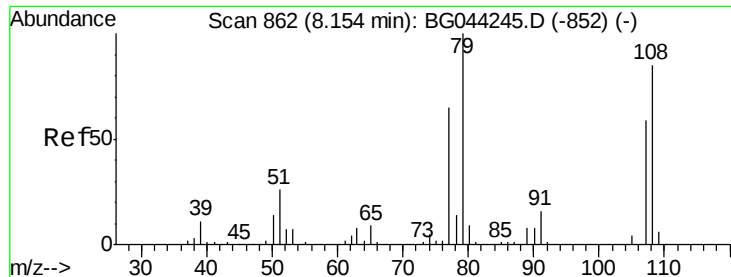
#14
 1,2-Dichlorobenzene
 Concen: 40.857 ng
 RT: 8.27 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BG044318.D
 Acq: 6 Feb 2020 11:45

Tgt Ion:146 Resp: 300435
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.2 76.8
 111 42.1 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: 39.699 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

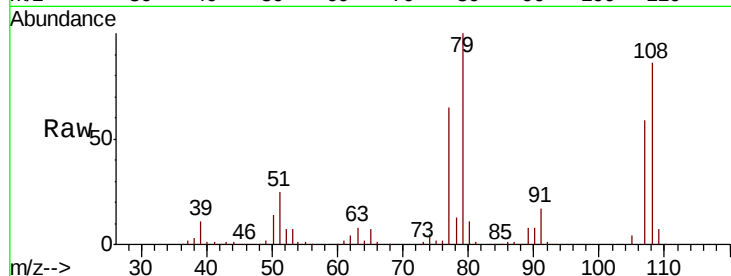
Tot Ion: 79 Resp: 225919

Ion Ratio Lower Upper

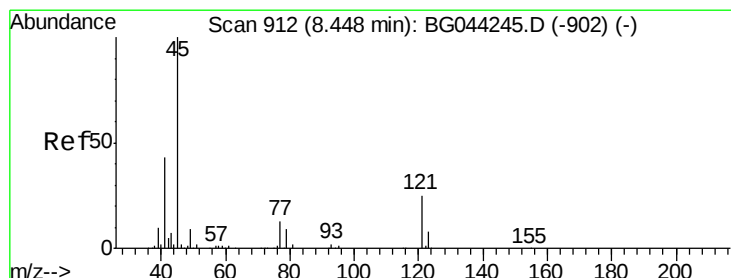
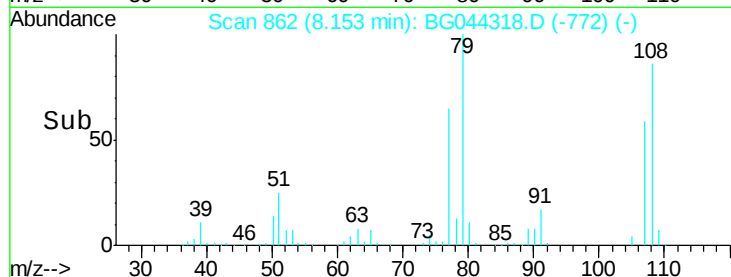
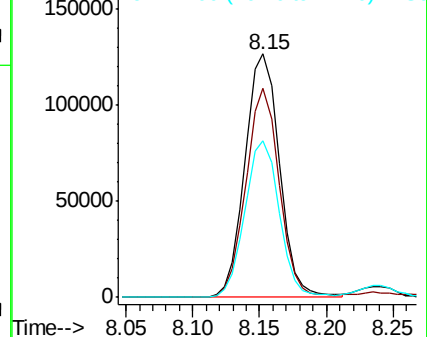
79 100

108 85.6 68.3 102.5

77 64.5 51.8 77.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.473 ng

RT: 8.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

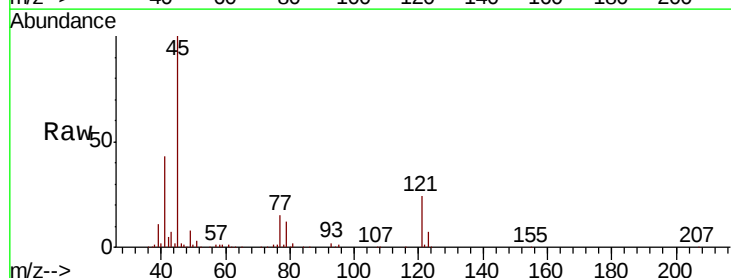
Tgt Ion: 45 Resp: 363352

Ion Ratio Lower Upper

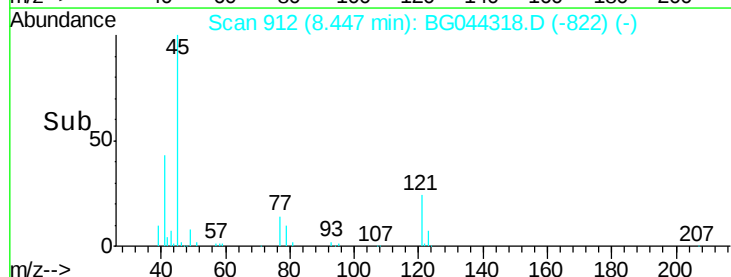
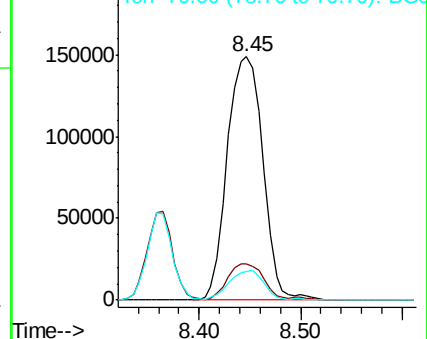
45 100

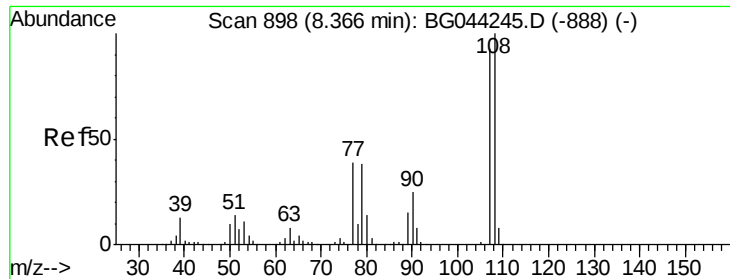
77 14.8 0.0 35.2

79 11.6 0.0 31.1



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

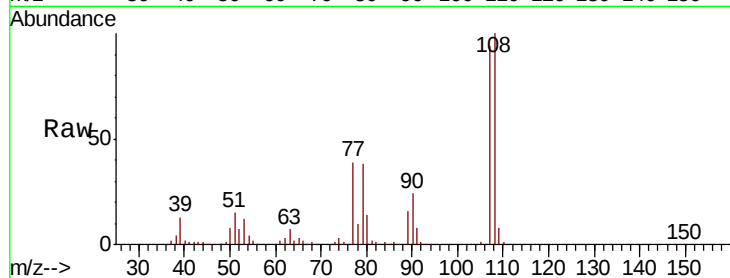




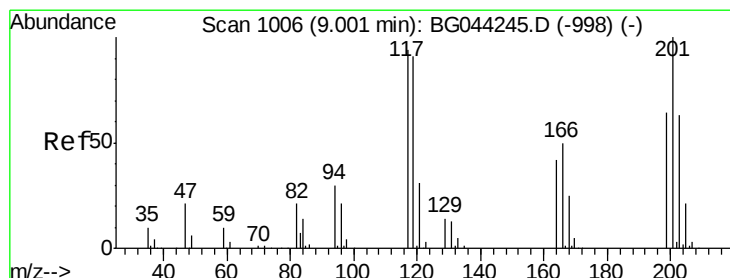
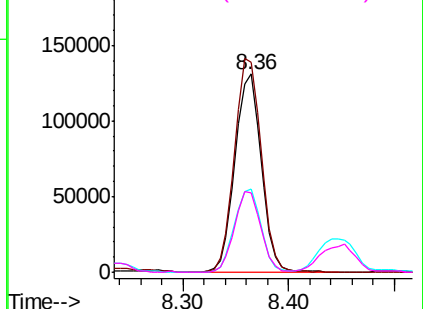
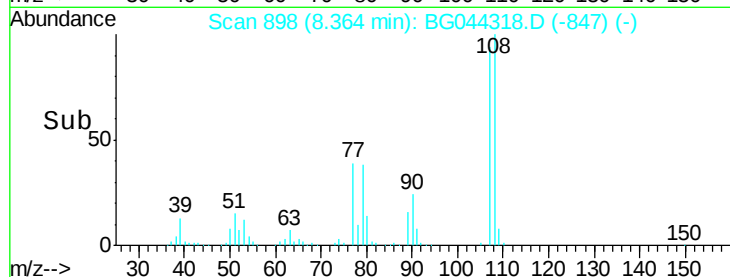
#17
2-Methylphenol
Concen: 39.565 ng
RT: 8.36 min Scan# 898
Delta R.T. -0.00 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	224562
Ion	Ratio	Lower	Upper
107	100		
108	105.9	86.4	129.6
77	41.7	34.0	51.0
79	40.2	32.9	49.3

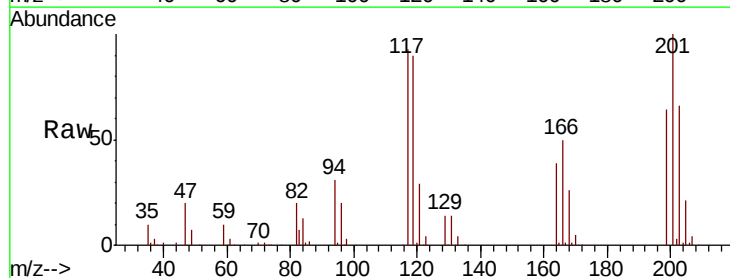


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

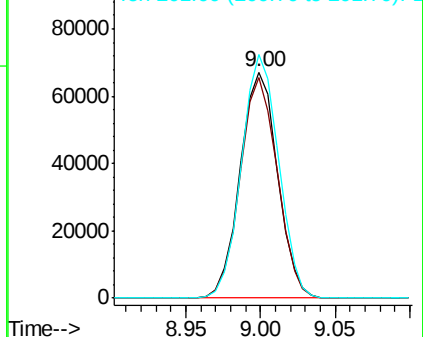
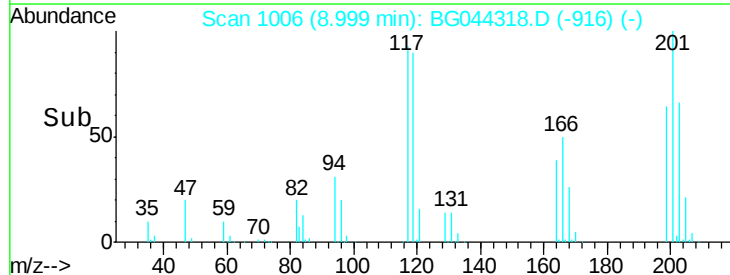


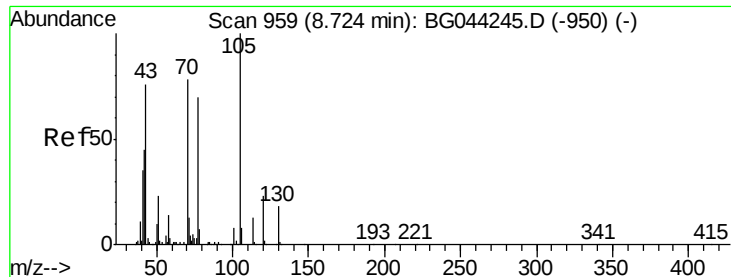
#18
Hexachloroethane
Concen: 39.912 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

Tgt Ion:	117	Resp:	116517
Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.5	116.3
201	107.7	84.9	127.3



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

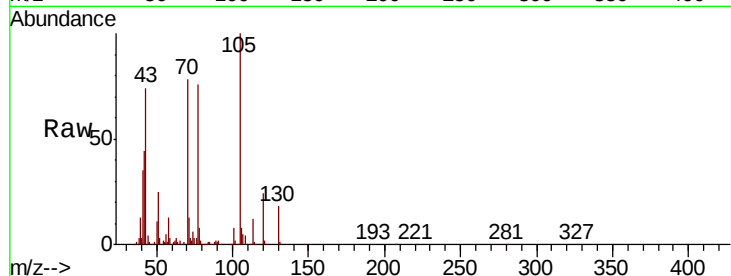




#19
n-Nitroso-di-n-propylamine
Concen: 38.078 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	203988
Ion	Ratio	Lower	Upper
70	100		
42	56.1	46.2	69.2
101	10.1	8.4	12.6
130	23.0	17.8	26.8



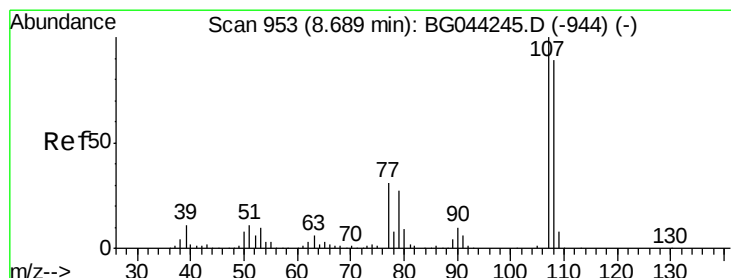
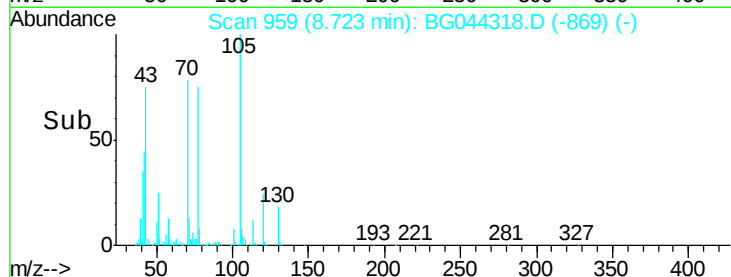
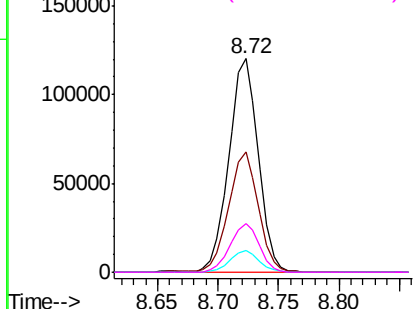
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

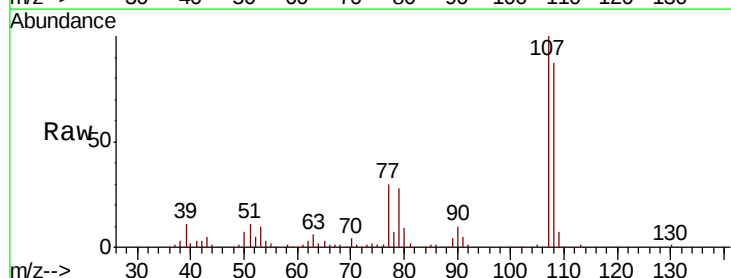
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 39.872 ng
RT: 8.69 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

Tgt Ion:	107	Resp:	311882
Ion	Ratio	Lower	Upper
107	100		
108	86.9	68.5	108.5
77	29.6	10.9	50.9
79	28.0	7.1	47.1



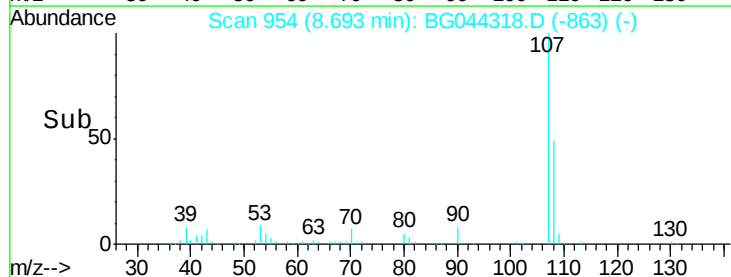
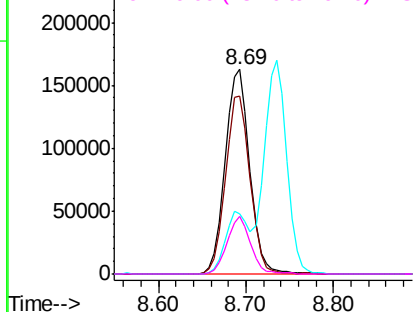
Abundance

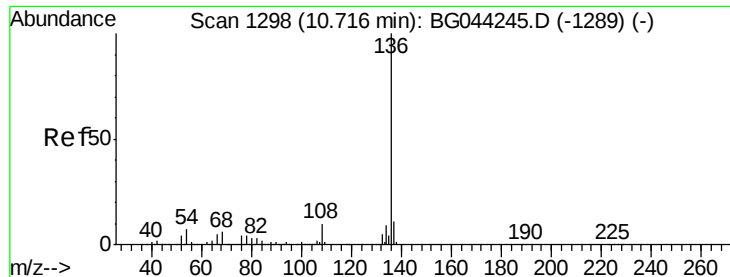
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

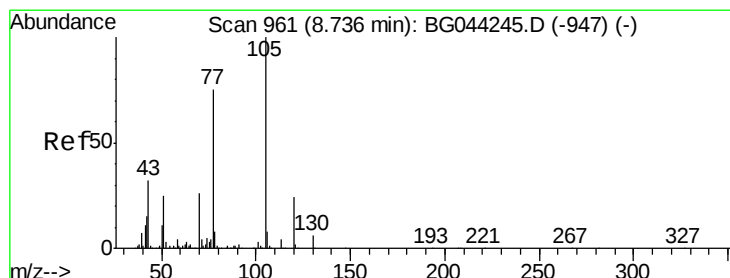
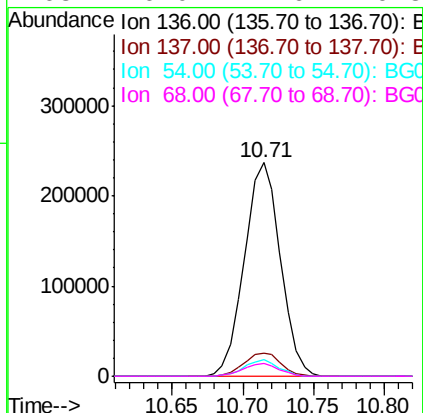
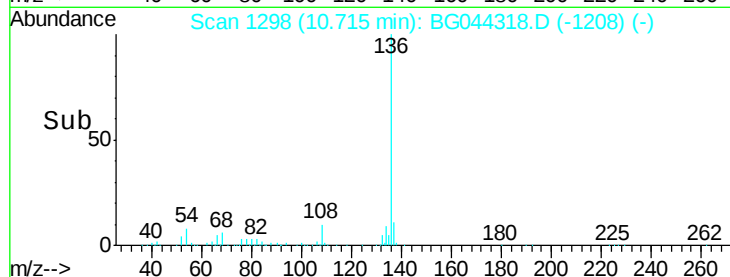
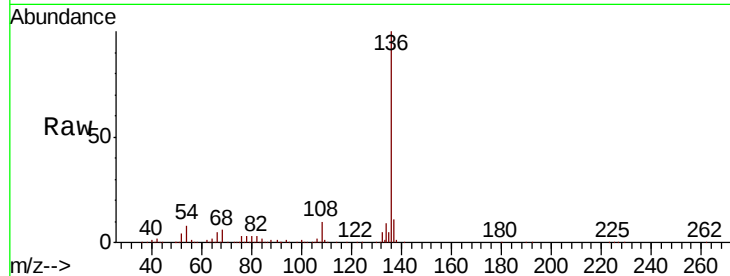




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

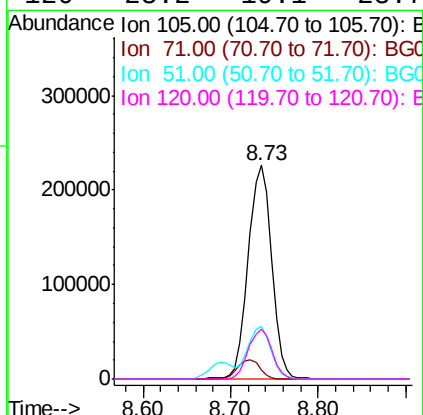
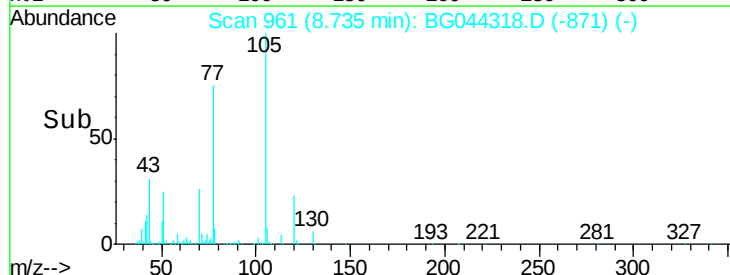
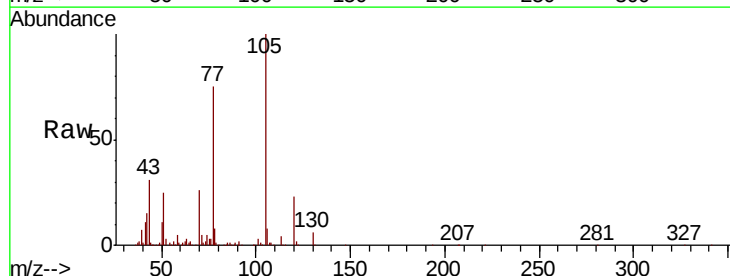
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

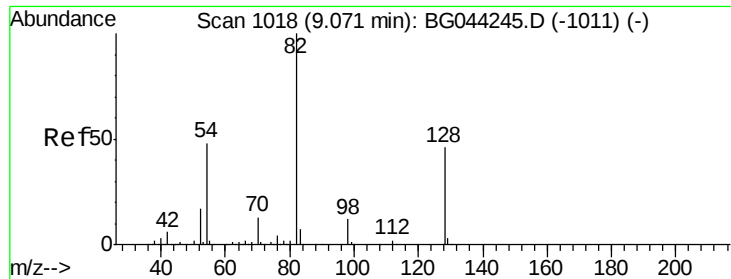
Tot Ion:136	Resp:	423075
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	7.6	5.8 8.8
68	6.0	4.6 6.8



#22
Acetophenone
Concen: 39.845 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

Tgt Ion:105	Resp:	410084
Ion Ratio	Lower	Upper
105	100	
71	4.5	3.4 5.0
51	24.8	20.2 30.4
120	23.2	19.1 28.7

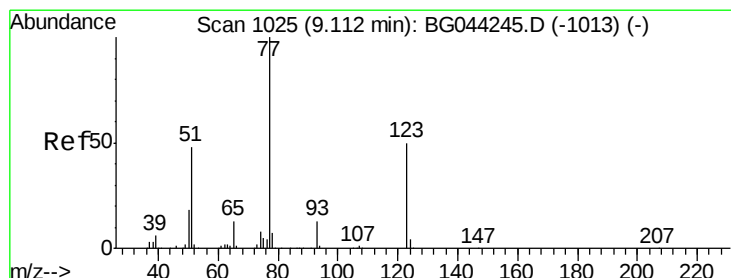
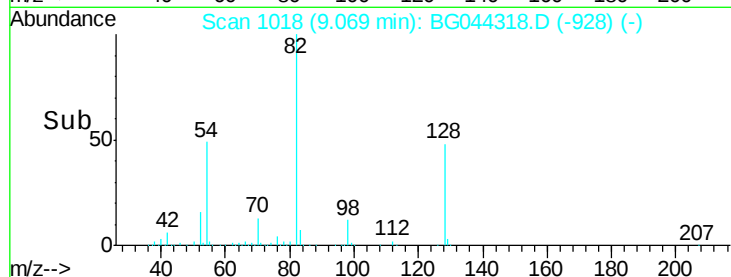
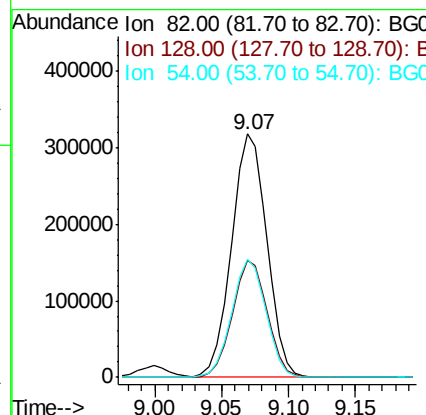
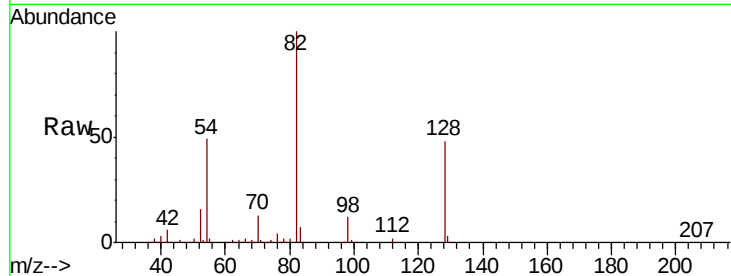




#23
Nitrobenzene-d5
Concen: 78.131 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

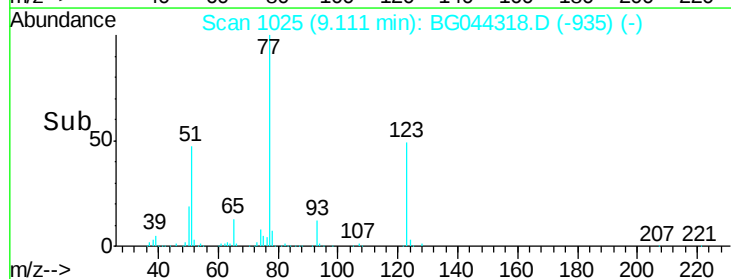
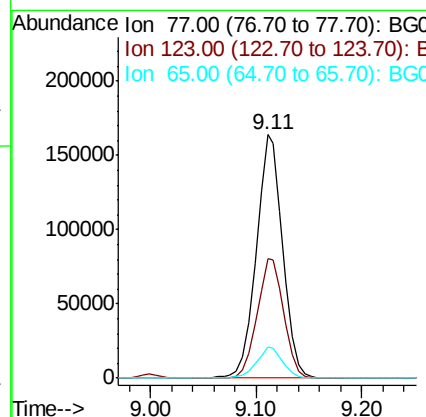
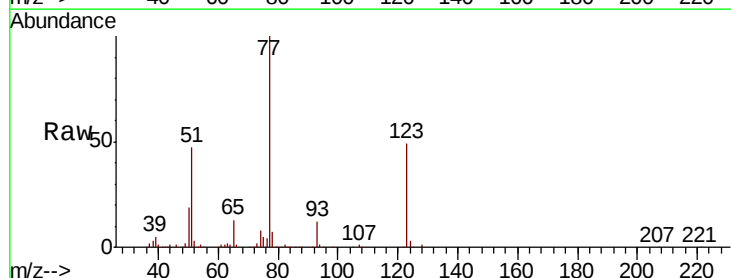
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

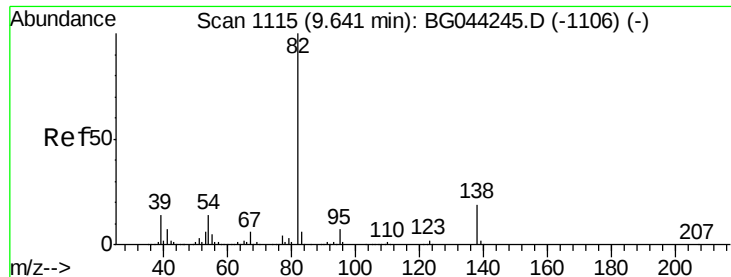
Tot Ion	82	Resp	585505
Ion Ratio	100	Lower	Upper
128	47.8	36.5	54.7
54	48.5	38.6	58.0



#24
Nitrobenzene
Concen: 38.899 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

Tgt Ion	77	Resp	284582
Ion Ratio	100	Lower	Upper
123	49.2	39.9	59.9
65	13.0	10.4	15.6





#25

Isophorone

Concen: 38.663 ng

RT: 9.64 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

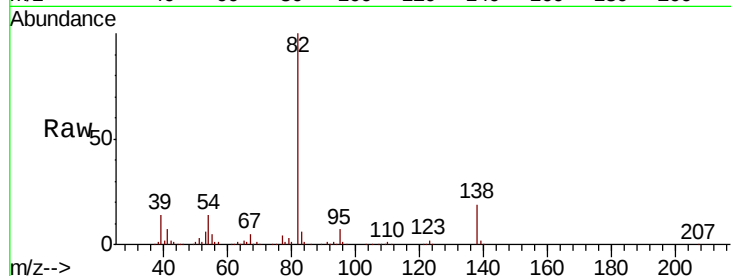
Tot Ion: 82 Resp: 540024

Ion Ratio Lower Upper

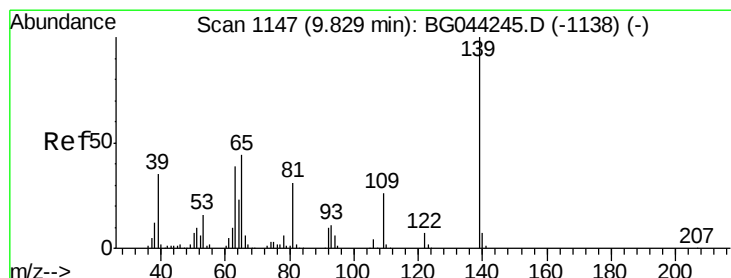
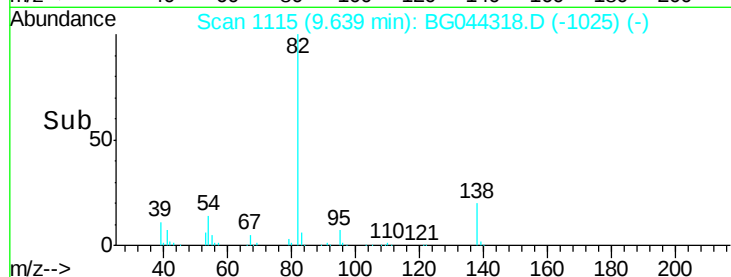
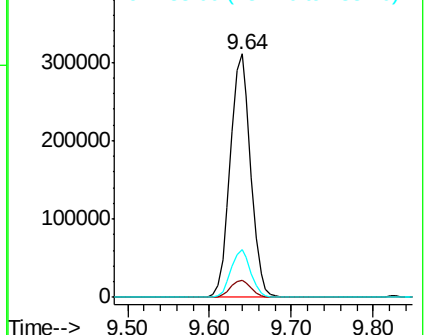
82 100

95 7.2 5.7 8.5

138 19.5 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: 41.119 ng

RT: 9.83 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

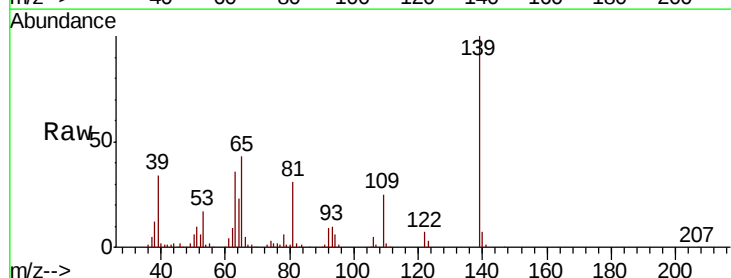
Tgt Ion: 139 Resp: 156091

Ion Ratio Lower Upper

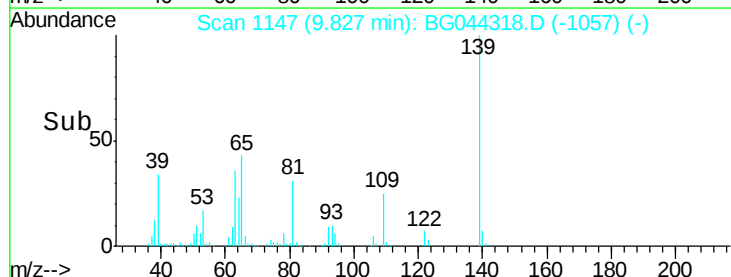
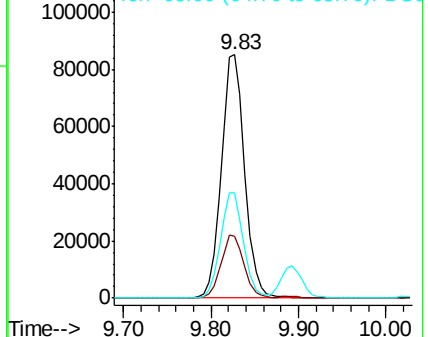
139 100

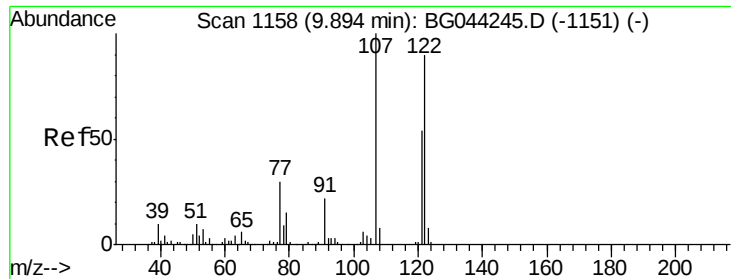
109 25.2 21.0 31.4

65 43.3 35.0 52.4



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





#27

2,4-Dimethylphenol

Concen: 39.714 ng

RT: 9.89 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

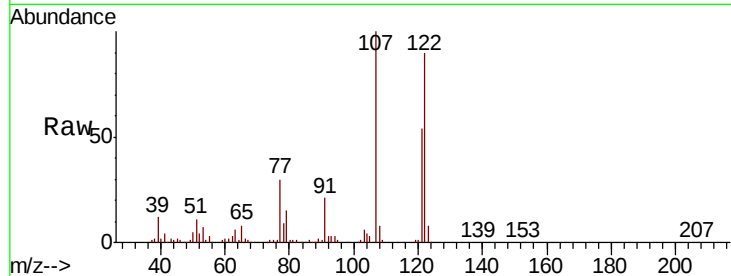
Tot Ion:122 Resp: 212813

Ion Ratio Lower Upper

122 100

107 111.0 88.8 133.2

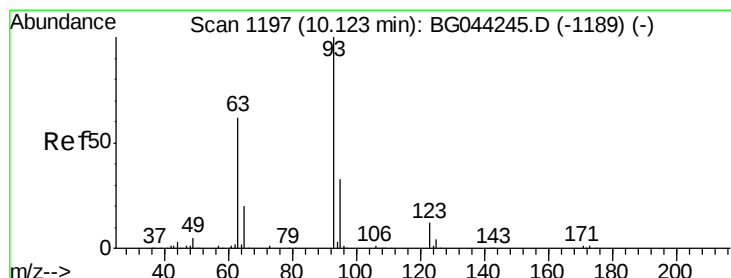
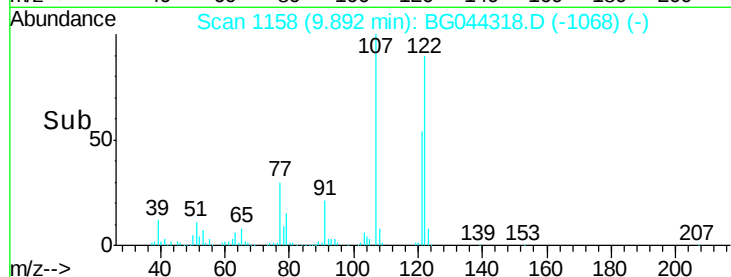
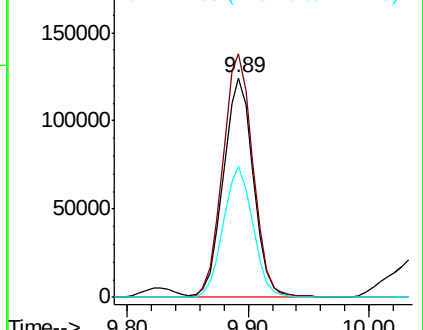
121 59.6 48.3 72.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.276 ng

RT: 10.12 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

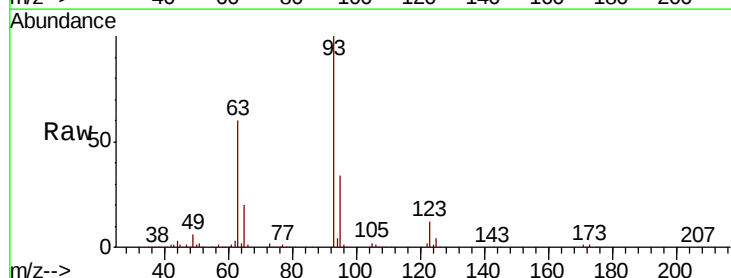
Tgt Ion: 93 Resp: 365958

Ion Ratio Lower Upper

93 100

95 34.0 26.6 40.0

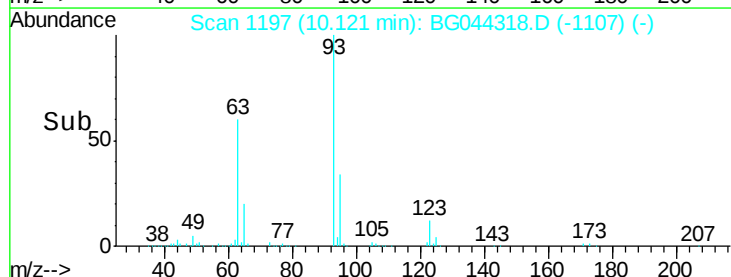
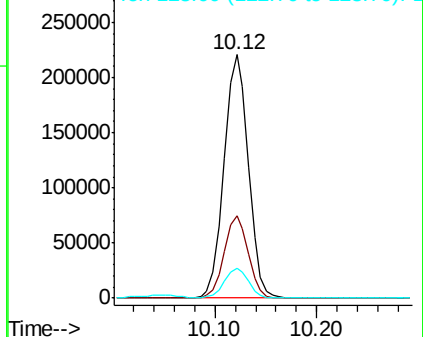
123 12.0 10.0 15.0

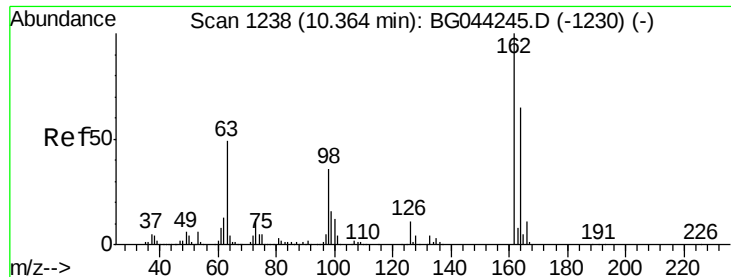


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

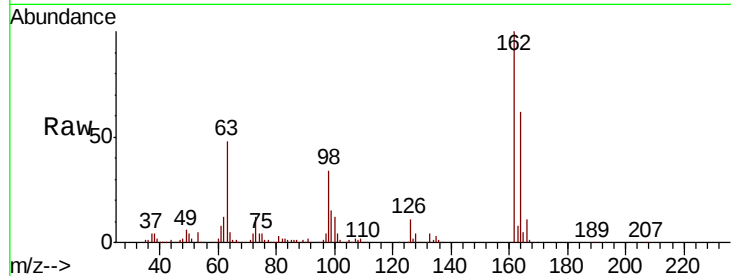




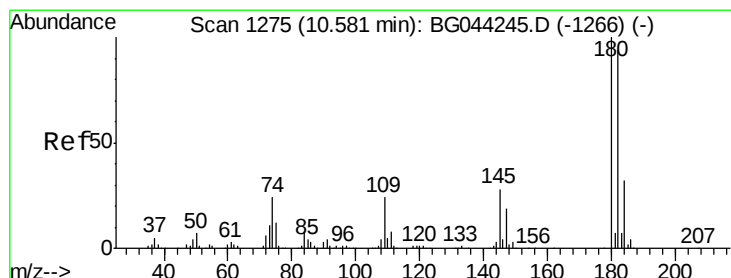
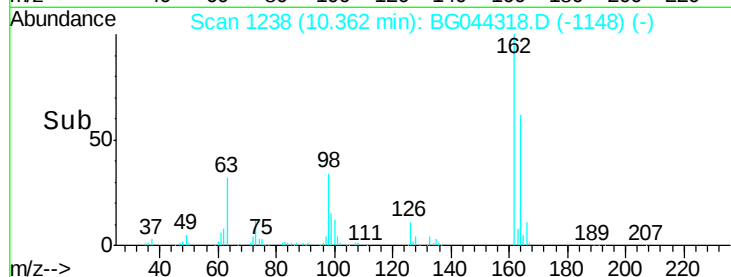
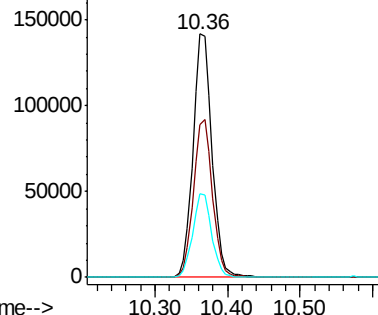
#29
 2,4-Dichlorophenol
 Concen: 39.959 ng
 RT: 10.36 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG044318.D
 Acq: 6 Feb 2020 11:45

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	44.7	84.7
98	34.3	15.8	55.8

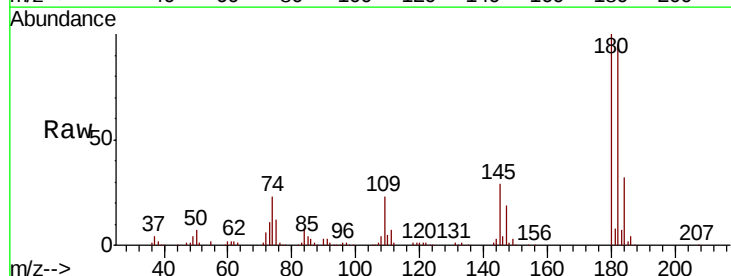


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

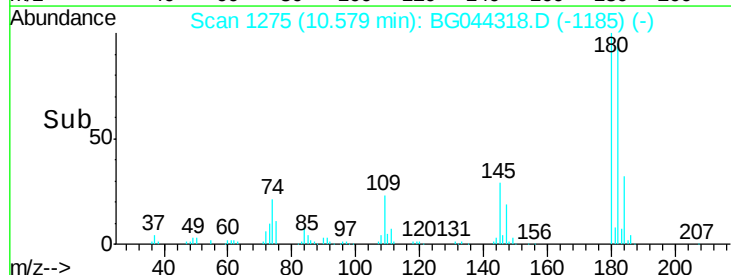
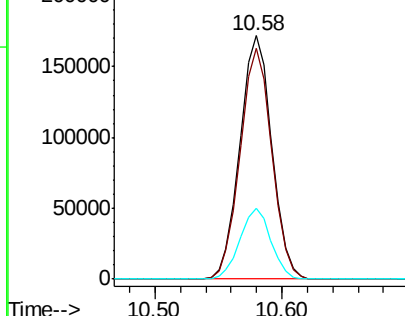


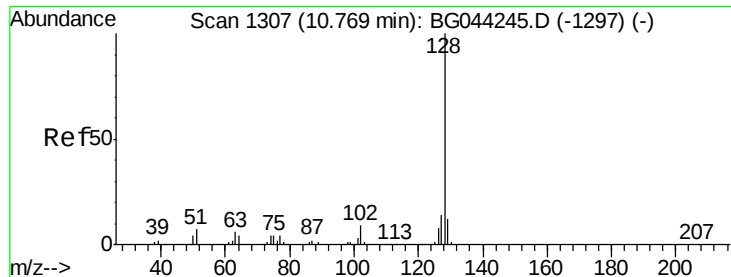
#30
 1,2,4-Trichlorobenzene
 Concen: 40.335 ng
 RT: 10.58 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: BG044318.D
 Acq: 6 Feb 2020 11:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.5	113.3
145	28.9	22.6	34.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

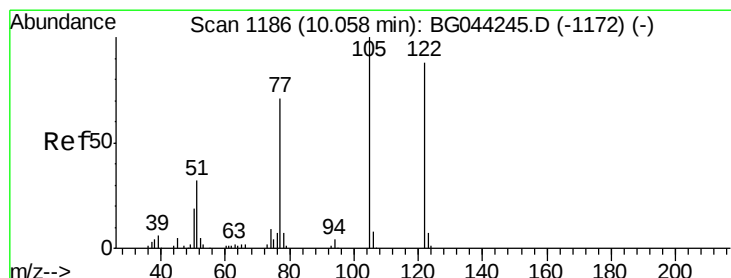
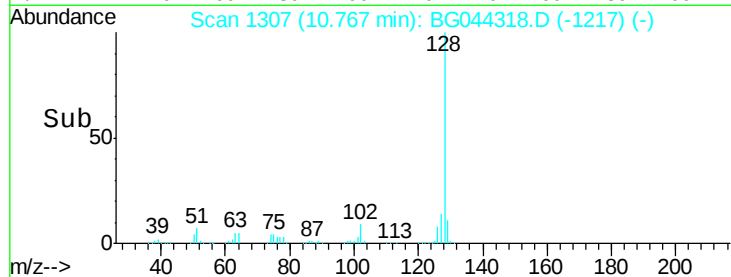
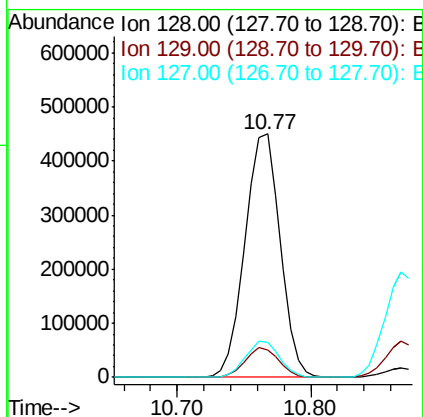
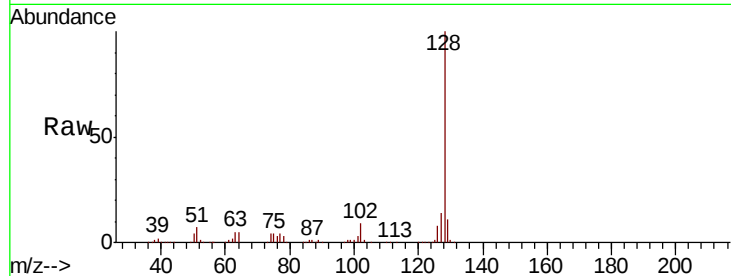




#31
Naphthalene
Concen: 39.884 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

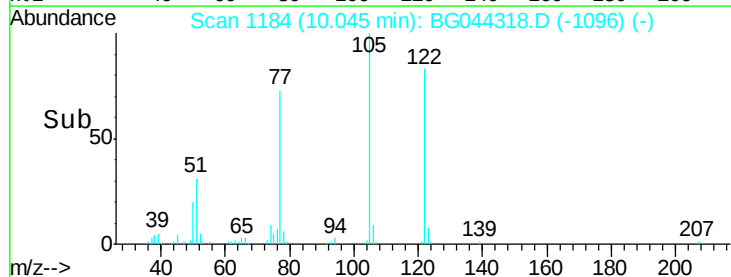
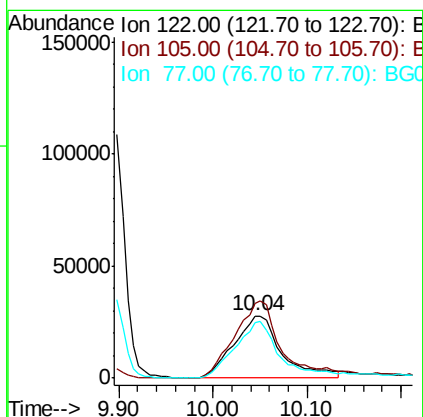
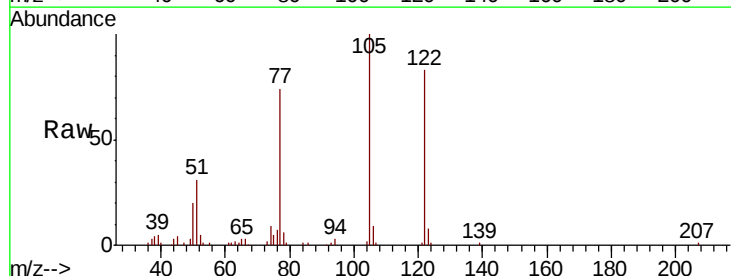
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

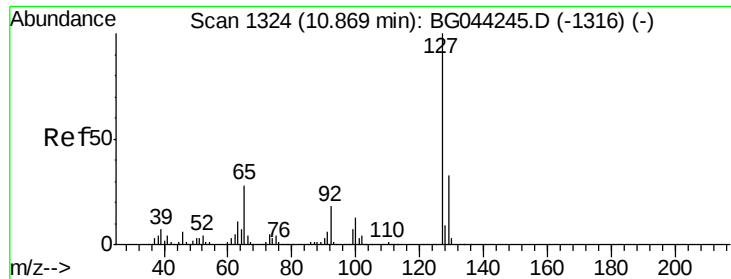
Tot Ion:128 Resp: 818670
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 14.1 11.6 17.4



#32
Benzoic acid
Concen: 33.246 ng
RT: 10.04 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

Tgt Ion:122 Resp: 95531
Ion Ratio Lower Upper
122 100
105 120.2 93.5 133.5
77 88.6 61.0 101.0

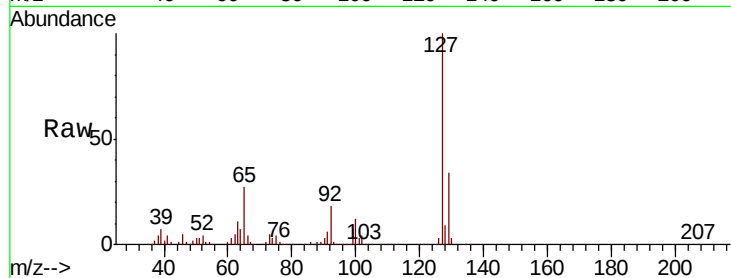




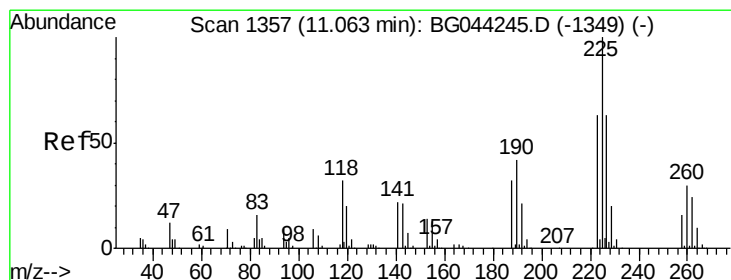
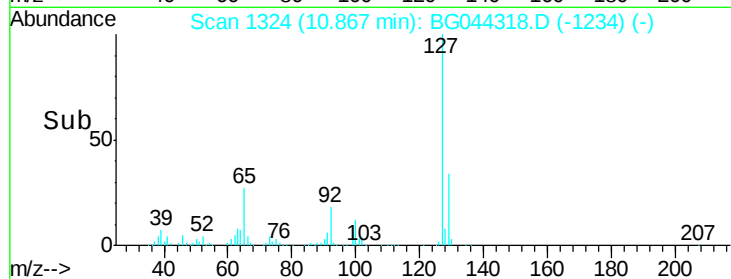
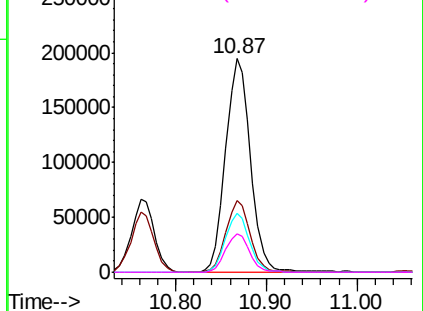
#33
4-Chloroaniline
Concen: 39.860 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:127	Resp:	372111
Ion Ratio	Lower	Upper
127 100		
129 33.9	26.6	40.0
65 27.5	22.5	33.7
92 18.3	14.1	21.1

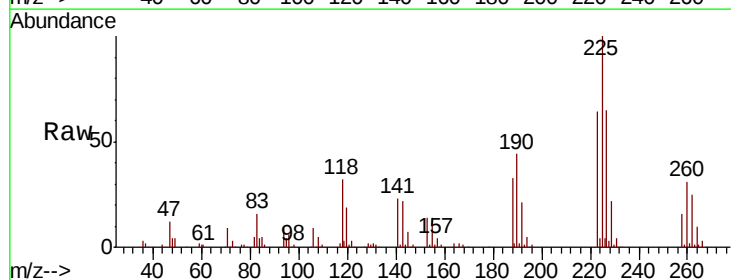


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

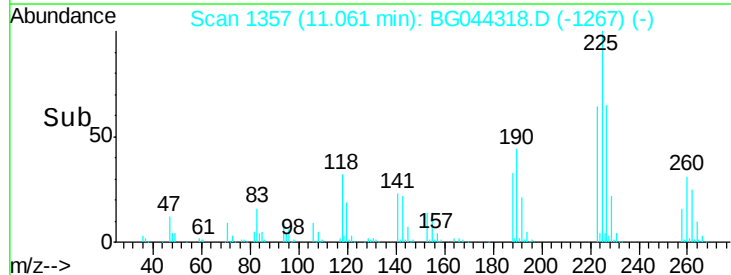
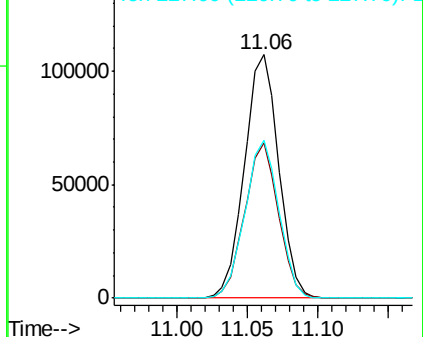


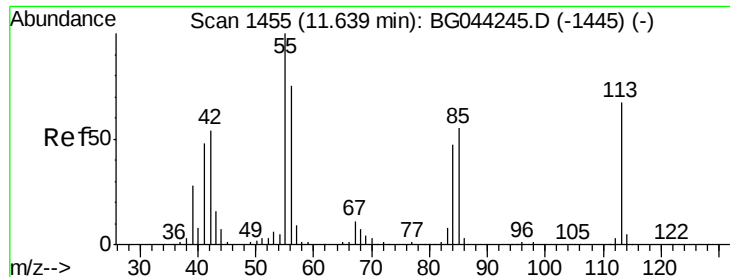
#34
Hexachlorobutadiene
Concen: 39.886 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

Tgt Ion	225	Resp: Lower	182344 Upper
	Ratio		
225	100		
223	63.9	50.2	75.4
227	64.9	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

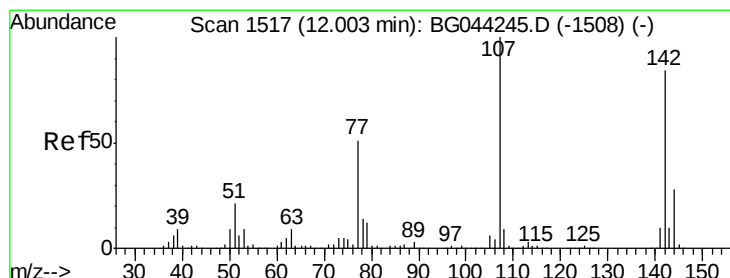
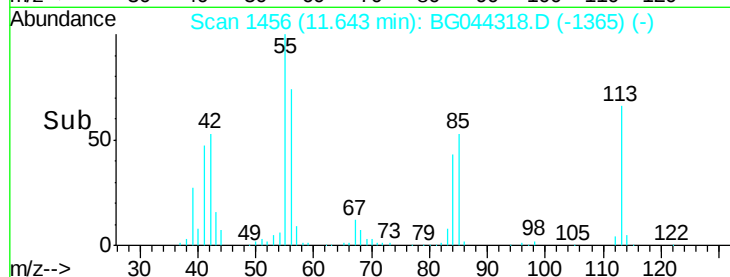
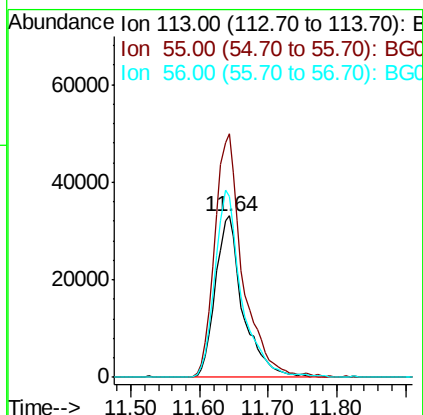
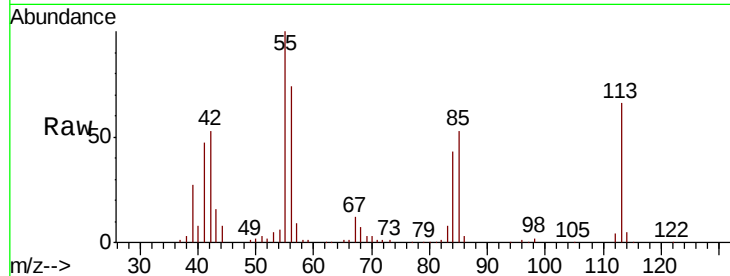




#35
Caprolactam
Concen: 38.801 ng
RT: 11.64 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

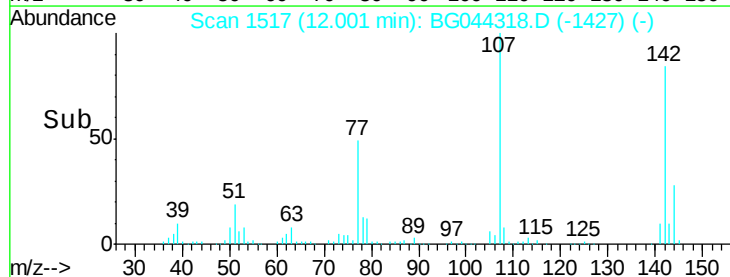
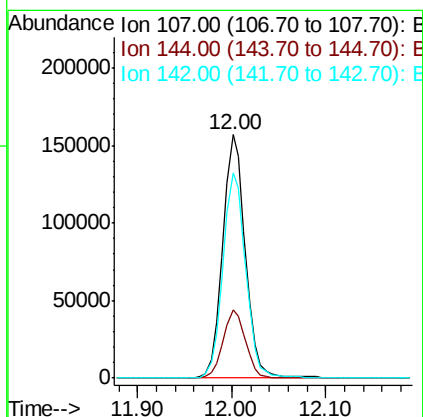
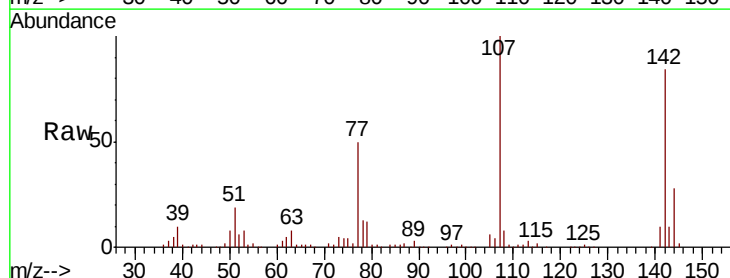
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

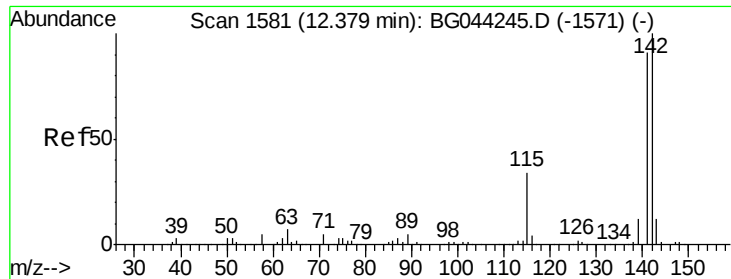
Tot Ion:113 Resp: 92097
Ion Ratio Lower Upper
113 100
55 151.1 129.9 169.9
56 112.4 92.5 132.5



#36
4-Chloro-3-methylphenol
Concen: 38.715 ng
RT: 12.00 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

Tgt Ion:107 Resp: 263007
Ion Ratio Lower Upper
107 100
144 27.8 22.2 33.4
142 84.5 67.4 101.0

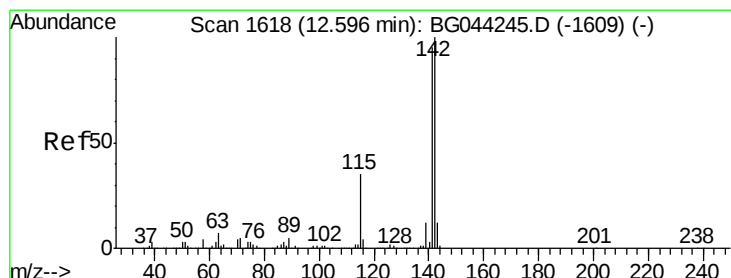
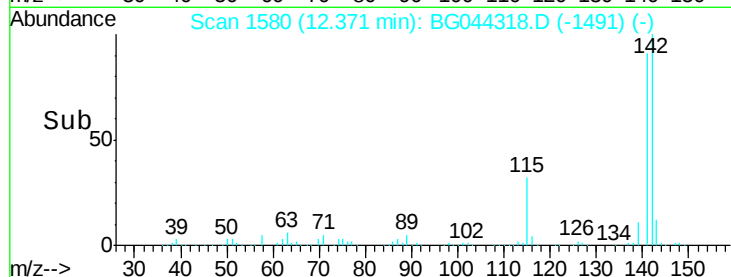
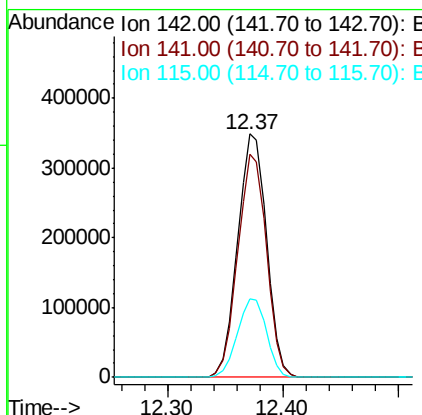
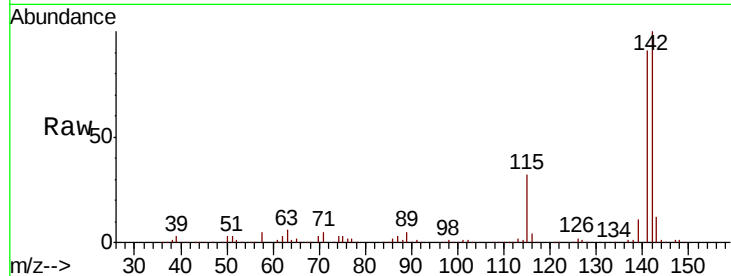




#37
2-Methylnaphthalene
Concen: 39.729 ng
RT: 12.37 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

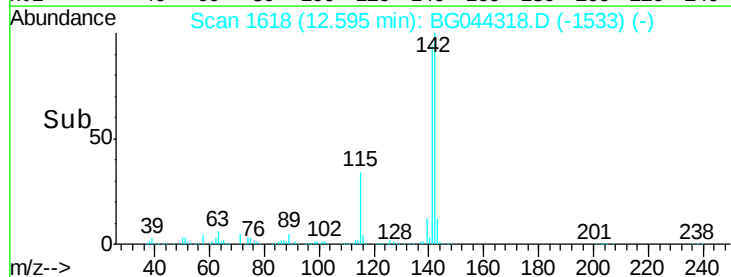
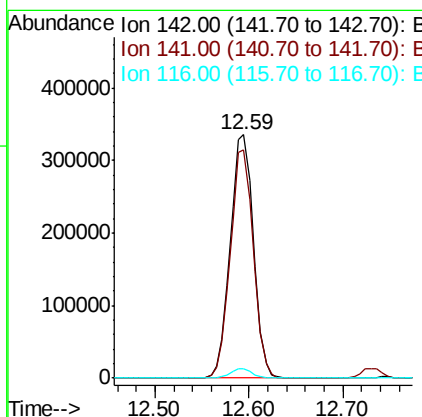
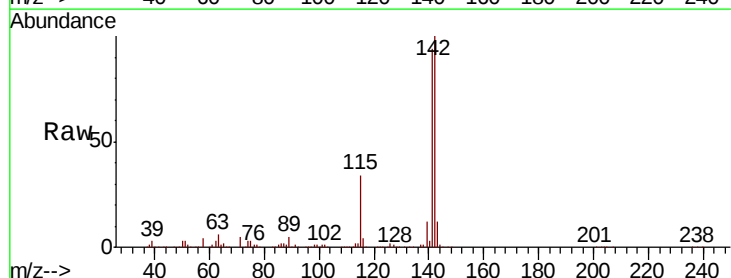
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

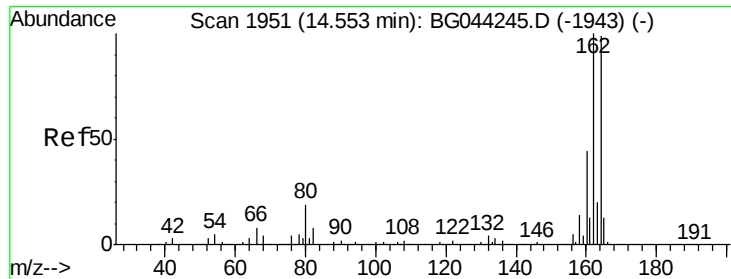
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.2	109.8
115	32.5	27.1	40.7



#38
1-Methylnaphthalene
Concen: 39.922 ng
RT: 12.59 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	75.8	113.6
116	3.7	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: BG044318.D

Acq: 6 Feb 2020 11:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

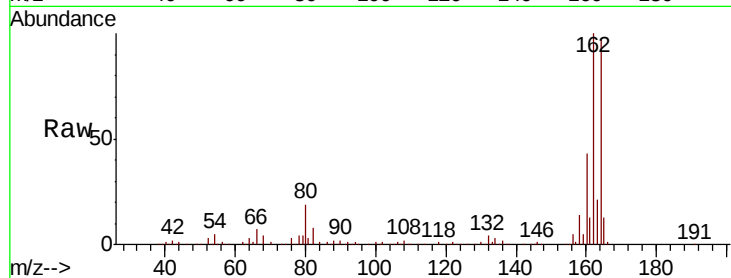
Tot Ion:164 Resp: 266536

Ion Ratio Lower Upper

164 100

162 103.1 80.7 121.1

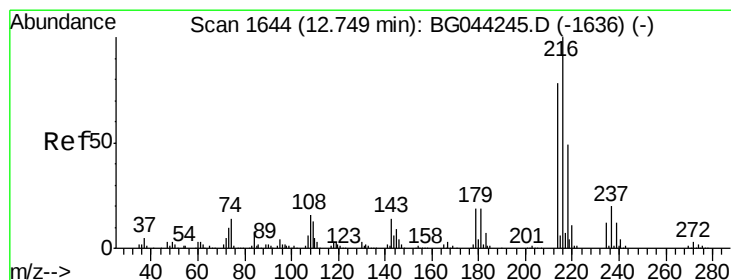
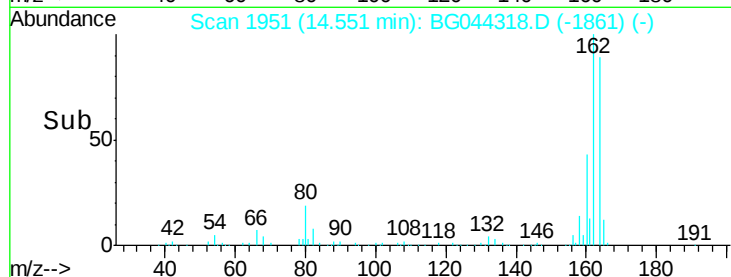
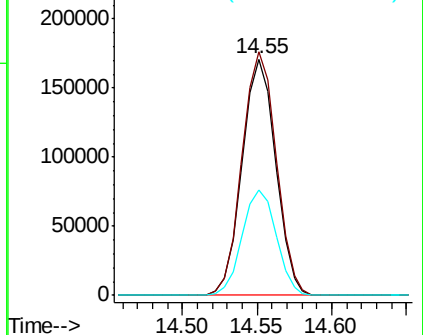
160 44.8 35.3 52.9



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: 40.317 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

Tgt Ion:216 Resp: 321444

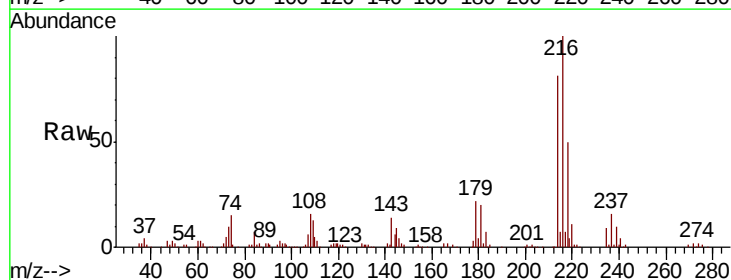
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.6

179 21.1 16.2 24.4

108 16.9 13.5 20.3

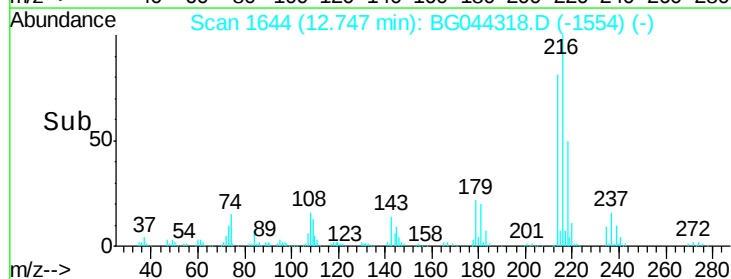
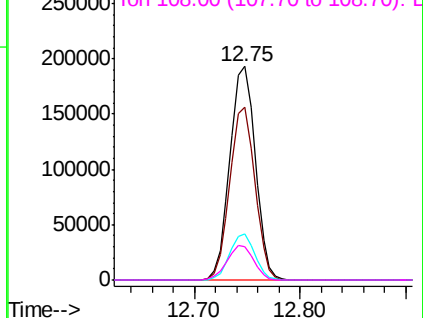


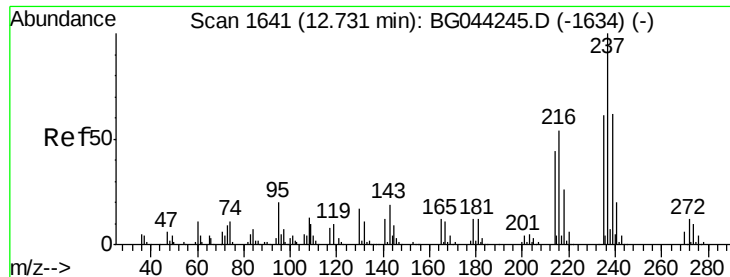
Abundance Ion 216.00 (215.70 to 216.70): E

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: 47.566 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

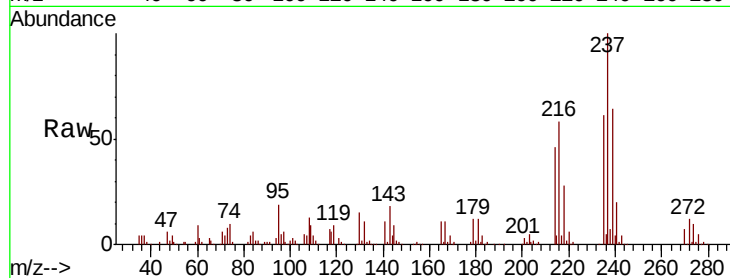
Tot Ion:237 Resp: 181973

Ion Ratio Lower Upper

237 100

235 61.1 41.2 81.2

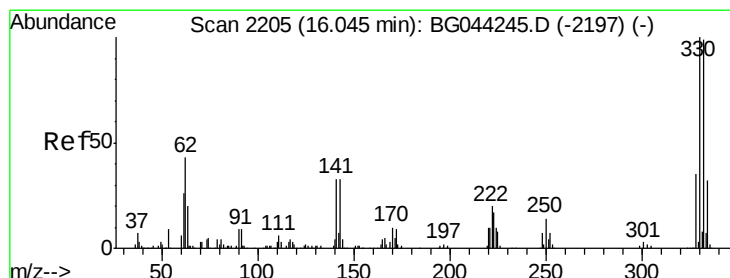
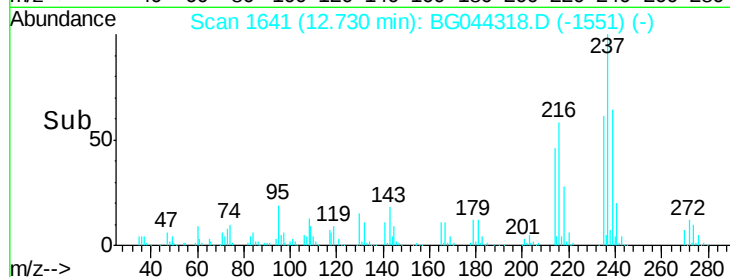
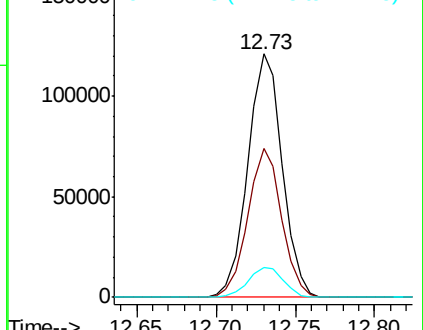
272 12.4 0.0 32.4



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: 80.398 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

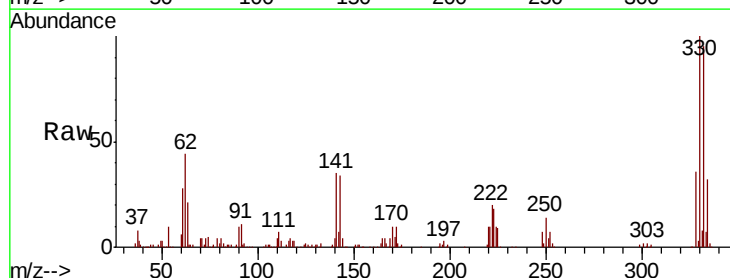
Tgt Ion:330 Resp: 251564

Ion Ratio Lower Upper

330 100

332 96.2 77.2 115.8

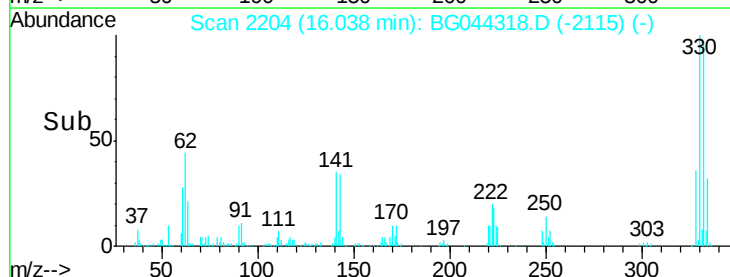
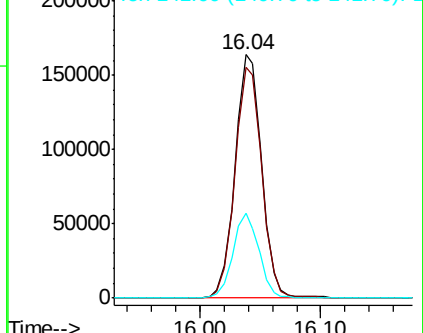
141 34.3 28.3 42.5

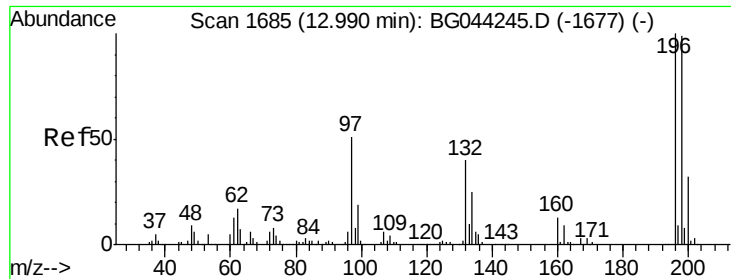


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

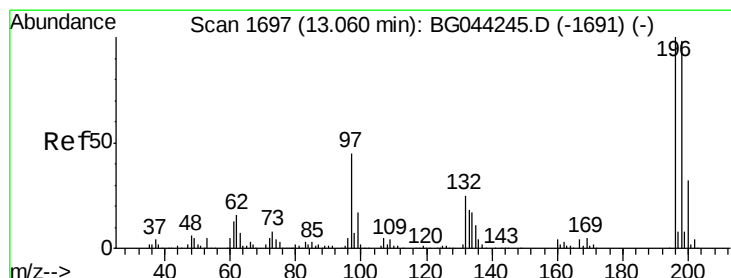
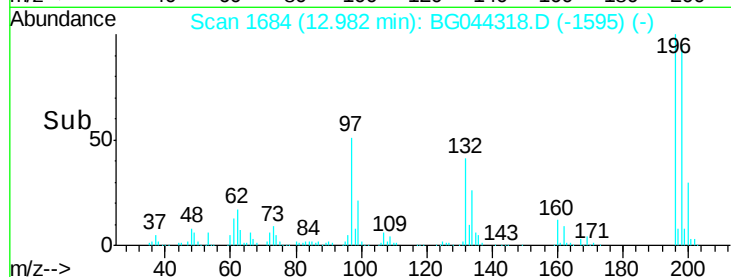
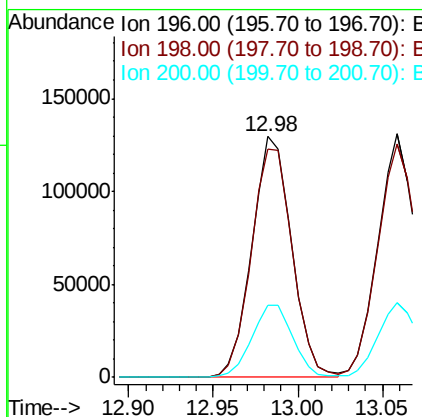
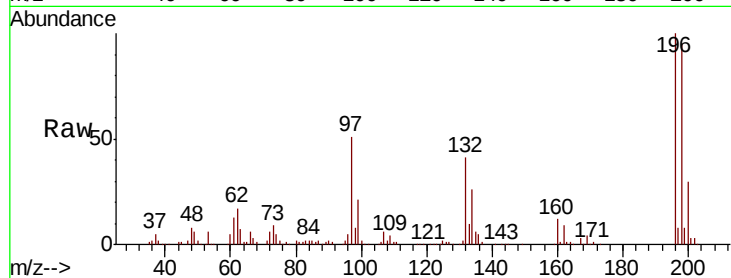




#43
 2,4,6-Trichlorophenol
 Concen: 40.931 ng
 RT: 12.98 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BG044318.D
 Acq: 6 Feb 2020 11:45

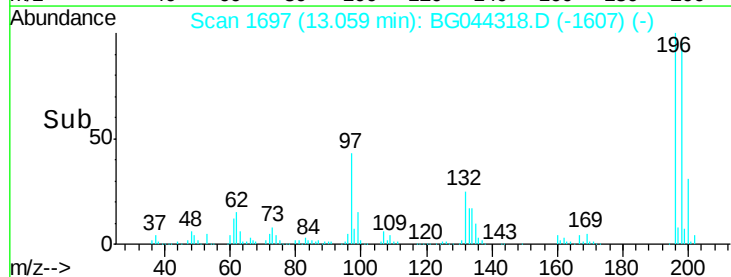
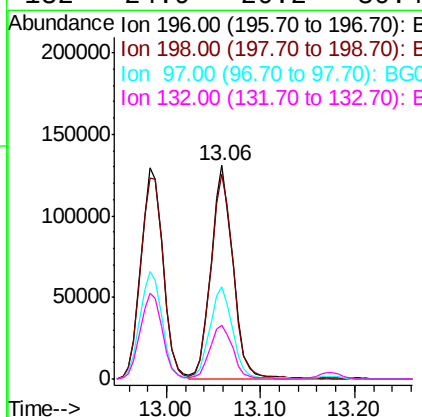
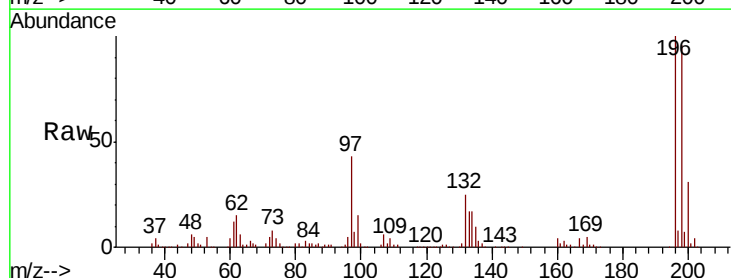
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

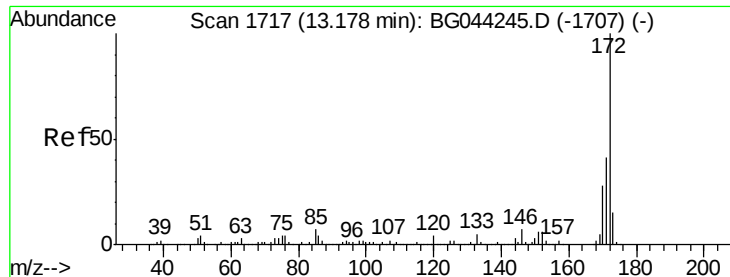
Tot Ion:196 Resp: 210941
 Ion Ratio Lower Upper
 196 100
 198 95.0 79.3 118.9
 200 30.2 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 40.737 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG044318.D
 Acq: 6 Feb 2020 11:45

Tgt Ion:196 Resp: 214432
 Ion Ratio Lower Upper
 196 100
 198 95.8 78.2 117.2
 97 43.4 36.2 54.4
 132 24.9 20.2 30.4

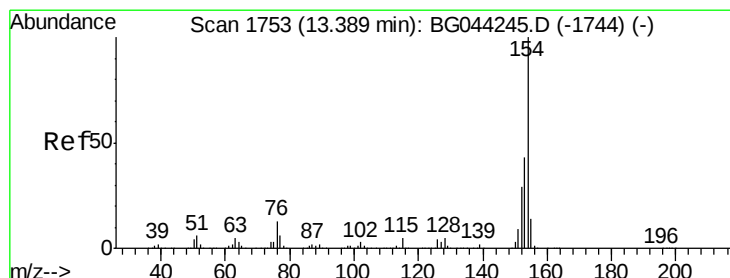
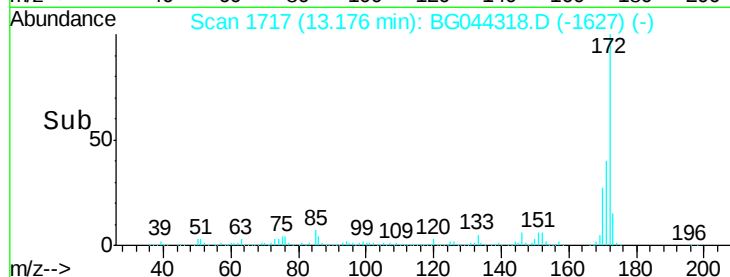
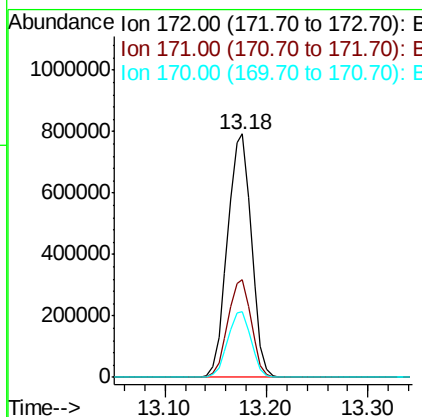
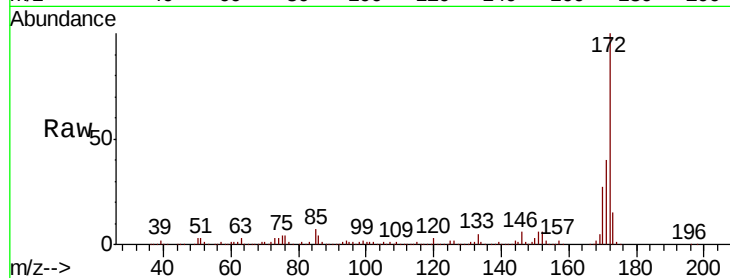




#45
2-Fluorobiphenyl
Concen: 81.235 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

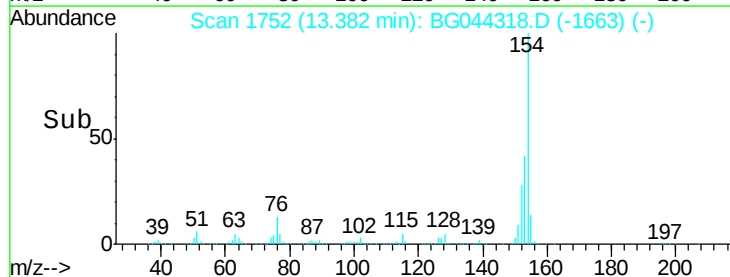
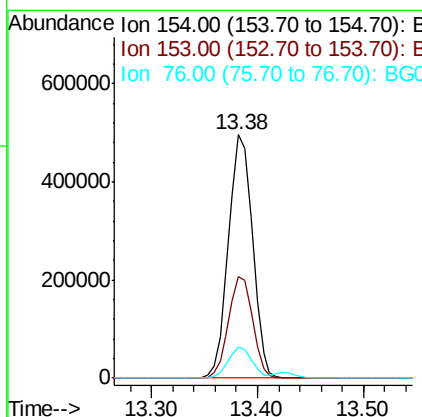
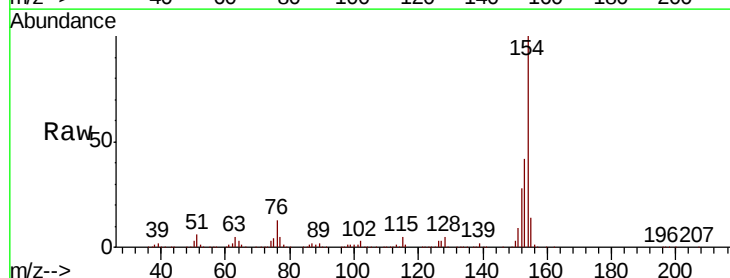
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

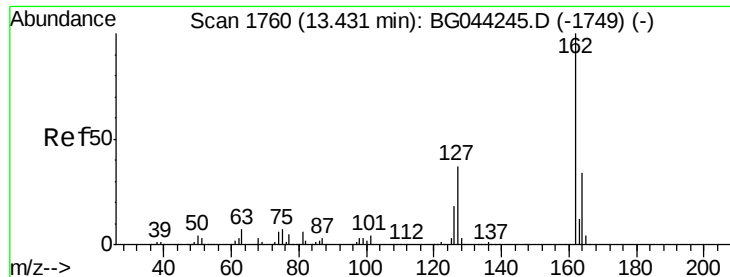
Tot Ion:172 Resp: 1293004
Ion Ratio Lower Upper
172 100
171 40.1 32.9 49.3
170 26.8 22.0 33.0



#46
1,1'-Biphenyl
Concen: 40.562 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

Tgt Ion:154 Resp: 779819
Ion Ratio Lower Upper
154 100
153 41.8 22.7 62.7
76 12.9 0.0 32.9





#47

2-Chloronaphthalene

Concen: 40.234 ng

RT: 13.42 min Scan# 1759

Delta R.T. -0.01 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

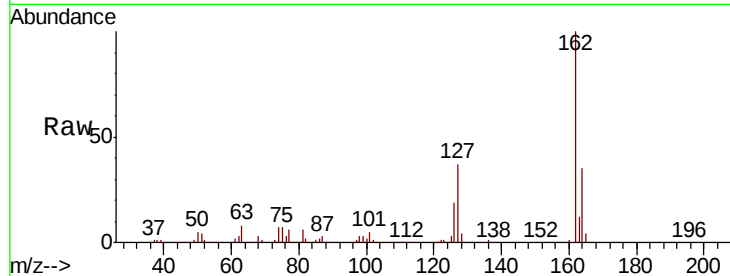
Tot Ion:162 Resp: 615523

Ion Ratio Lower Upper

162 100

127 37.2 30.0 45.0

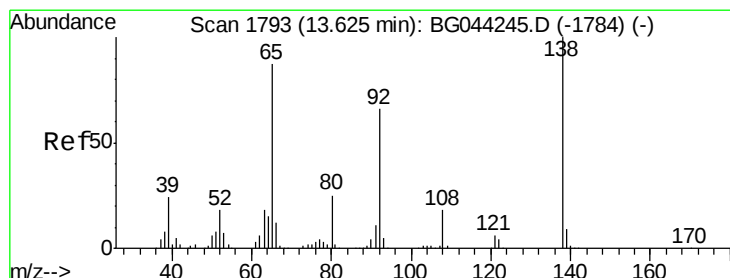
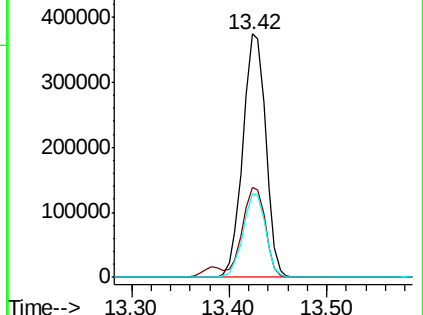
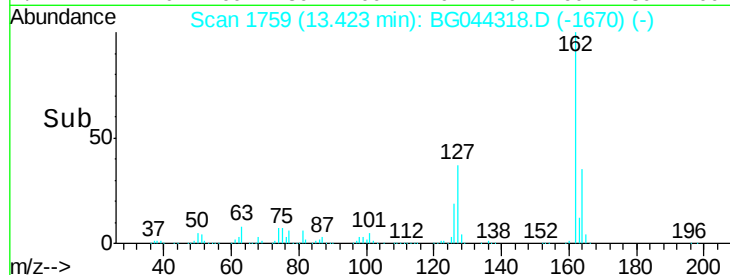
164 34.6 27.2 40.8



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: 38.701 ng

RT: 13.62 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

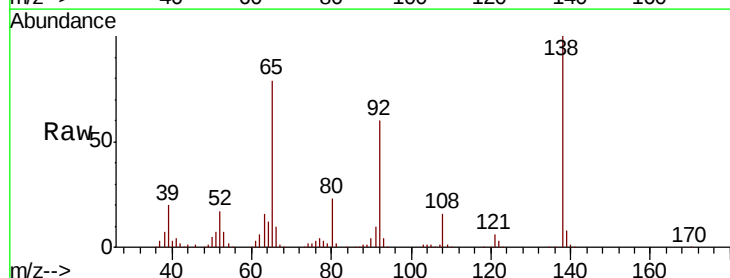
Tgt Ion: 65 Resp: 174735

Ion Ratio Lower Upper

65 100

92 75.8 60.3 90.5

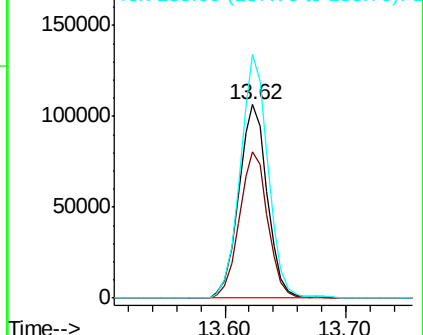
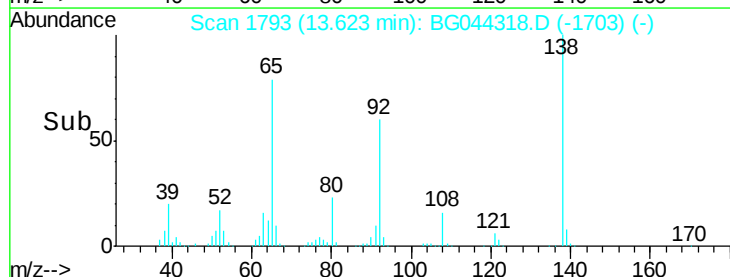
138 125.9 91.9 137.9

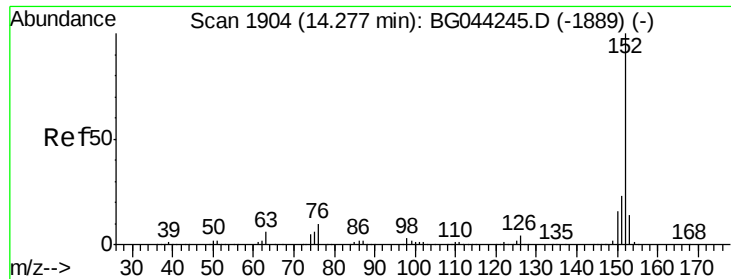


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.541 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

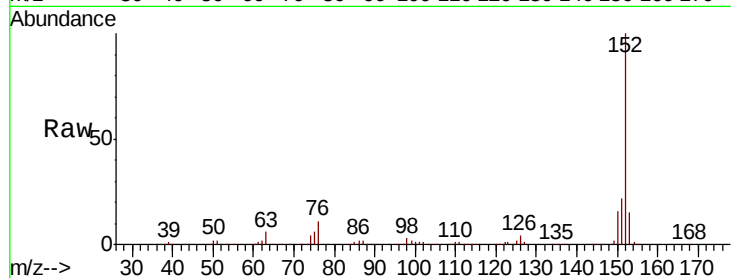
Tot Ion:152 Resp: 909697

Ion Ratio Lower Upper

152 100

151 22.2 18.1 27.1

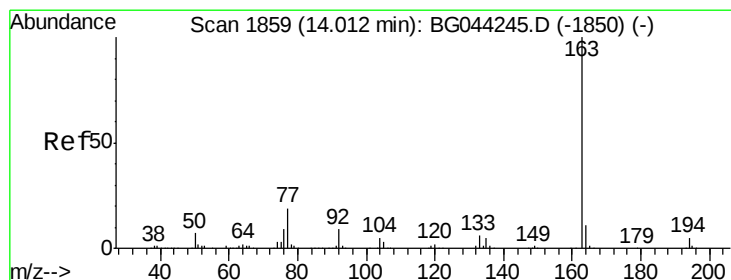
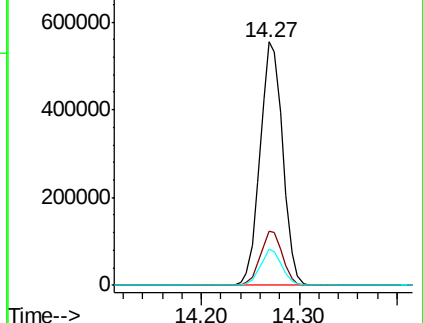
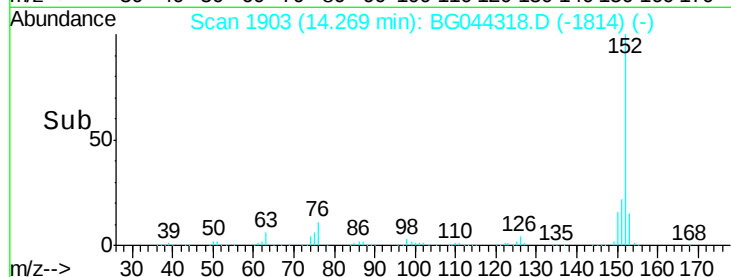
153 14.8 11.5 17.3



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: 39.861 ng

RT: 14.00 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

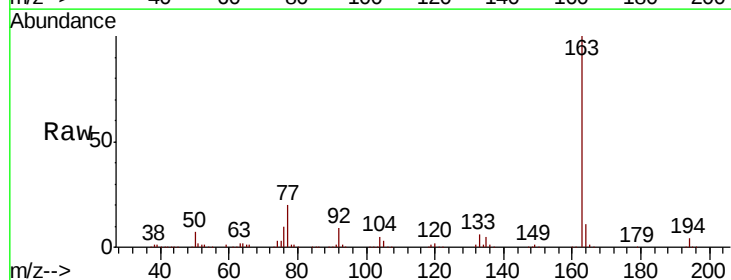
Tgt Ion:163 Resp: 763709

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

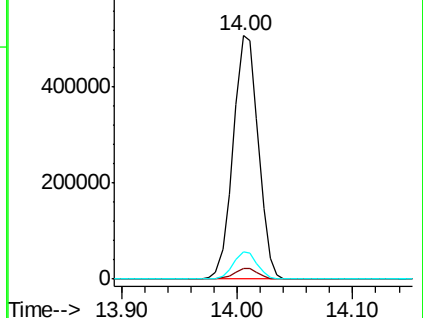
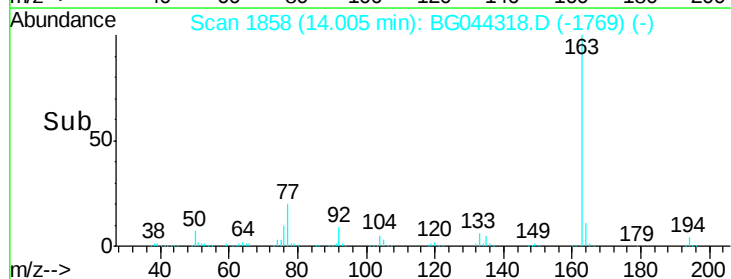
164 11.1 8.7 13.1

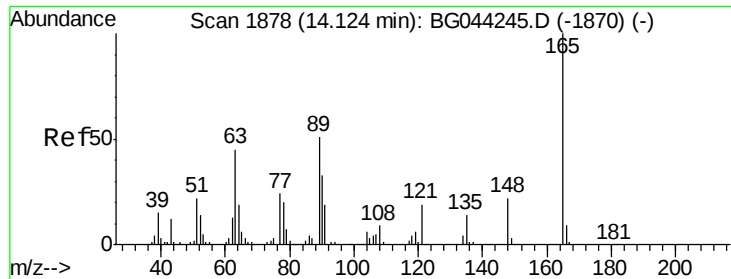


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

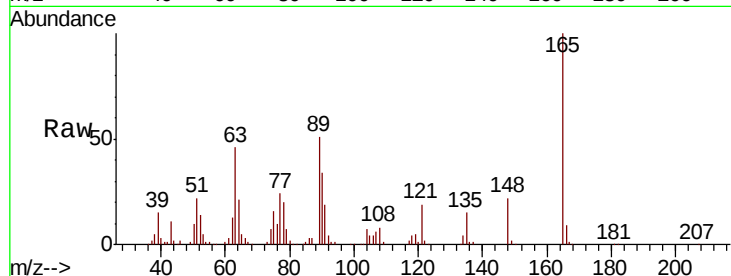




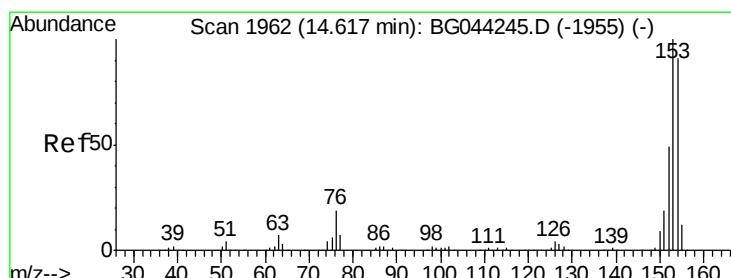
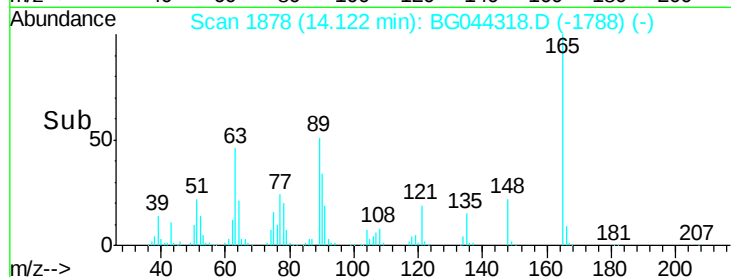
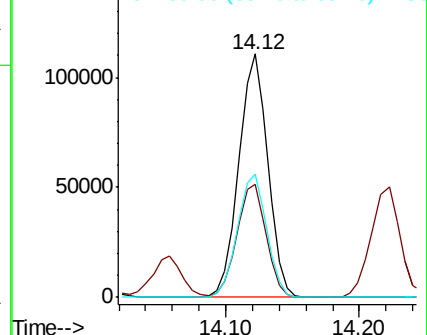
#51
 2,6-Dinitrotoluene
 Concen: 38.900 ng
 RT: 14.12 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: BG044318.D
 Acq: 6 Feb 2020 11:45

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.3	38.7	58.1
89	50.7	40.4	60.6

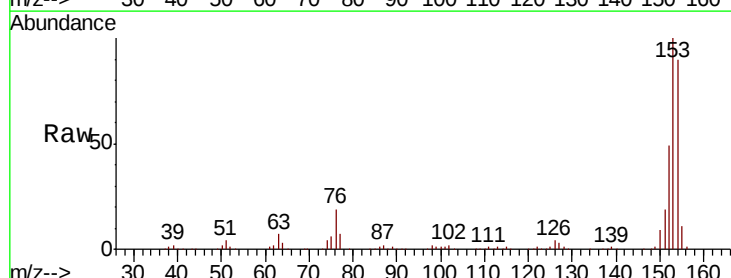


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

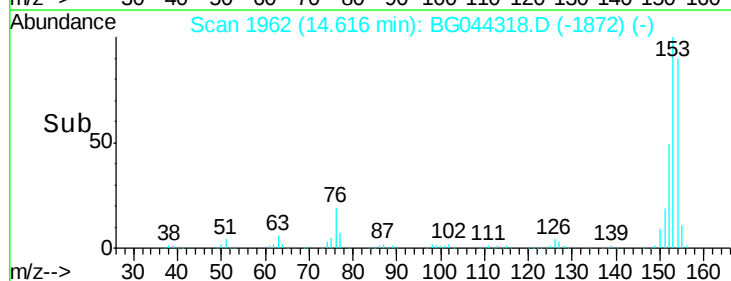
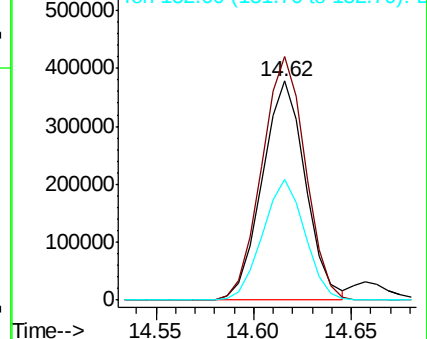


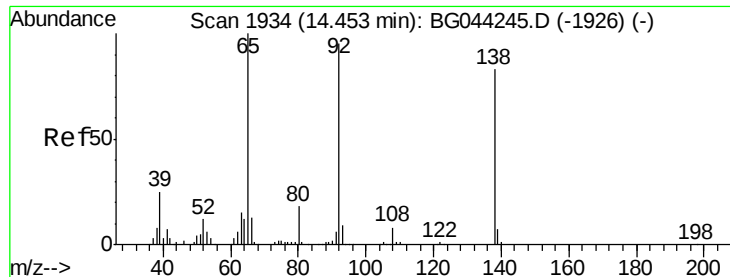
#52
 Acenaphthene
 Concen: 39.863 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: BG044318.D
 Acq: 6 Feb 2020 11:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.3	87.9	131.9
152	55.0	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

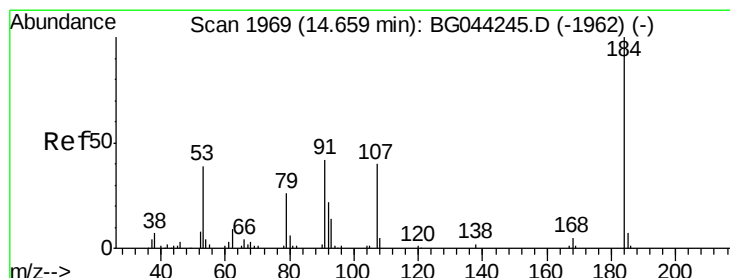
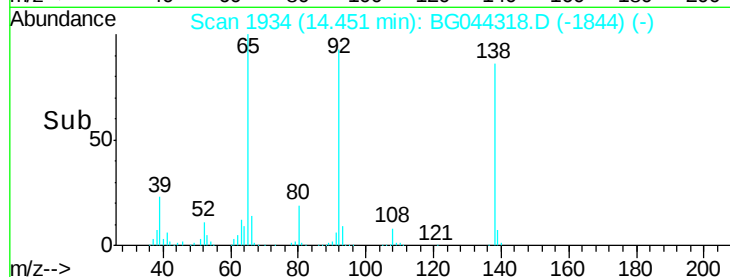
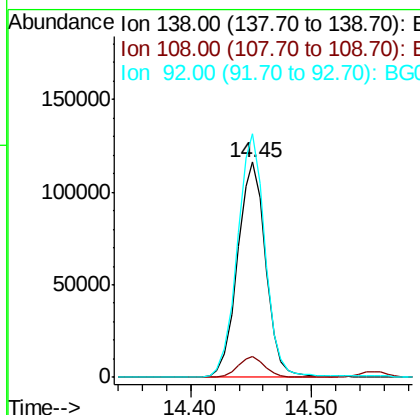
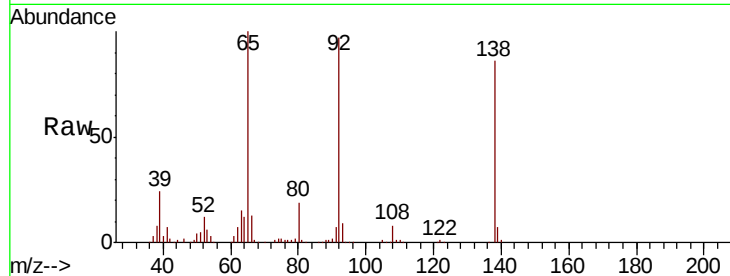




#53
3-Nitroaniline
Concen: 40.246 ng
RT: 14.45 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

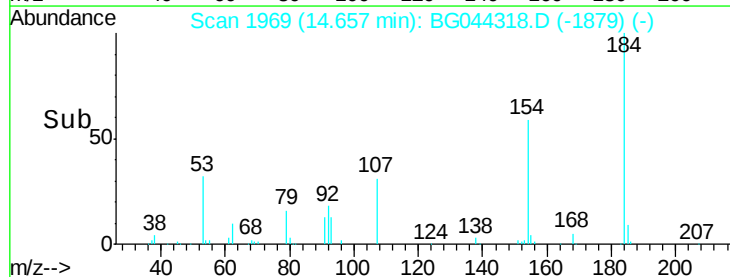
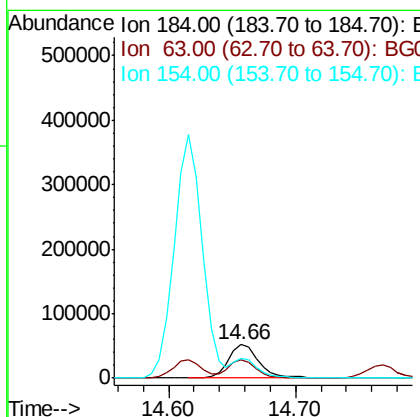
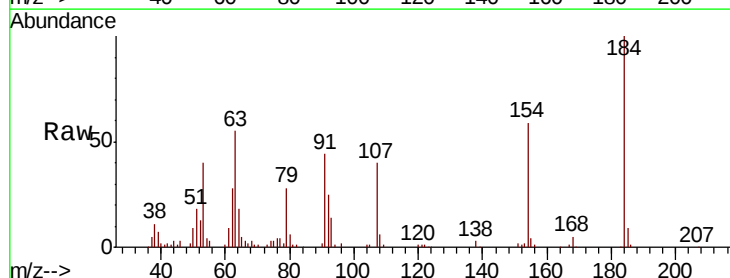
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

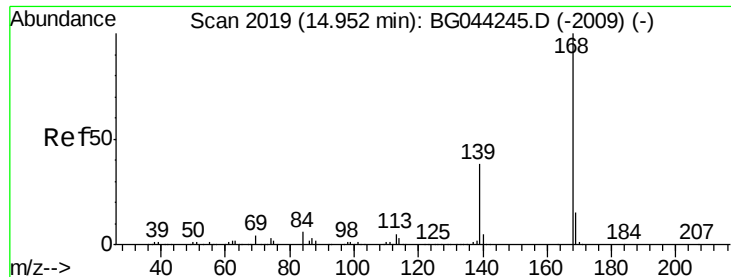
Tot Ion:138 Resp: 190211
Ion Ratio Lower Upper
138 100
108 9.6 7.9 11.9
92 113.1 91.0 136.4



#54
2,4-Dinitrophenol
Concen: 38.939 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

Tgt Ion:184 Resp: 87615
Ion Ratio Lower Upper
184 100
63 54.6 44.1 66.1
154 59.0 45.4 68.0

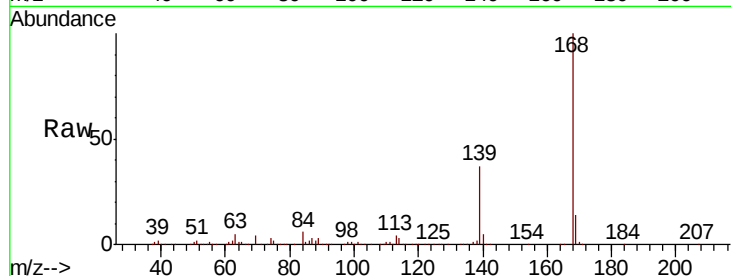




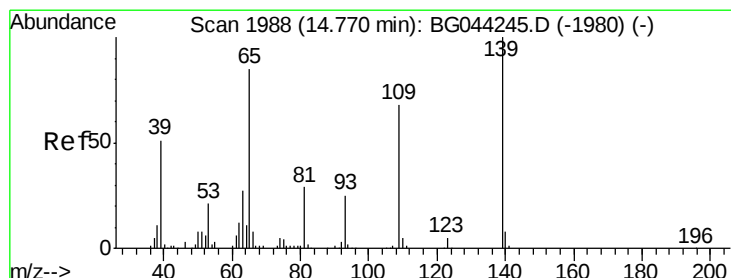
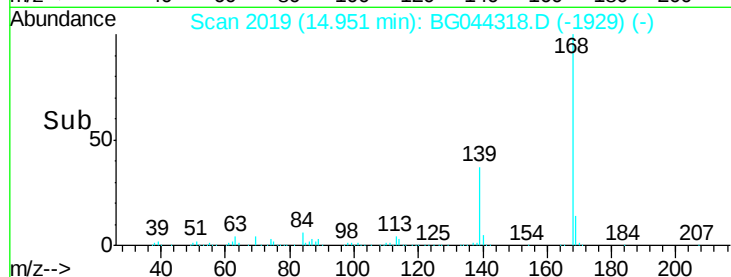
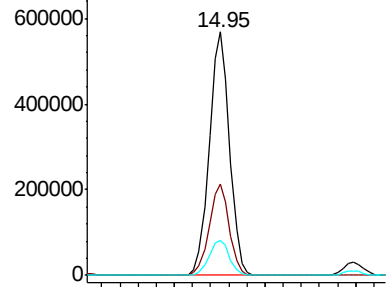
#55
Dibenzenofuran
Concen: 40.001 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 880849
Ion Ratio Lower Upper
168 100
139 37.3 30.5 45.7
169 14.4 11.7 17.5

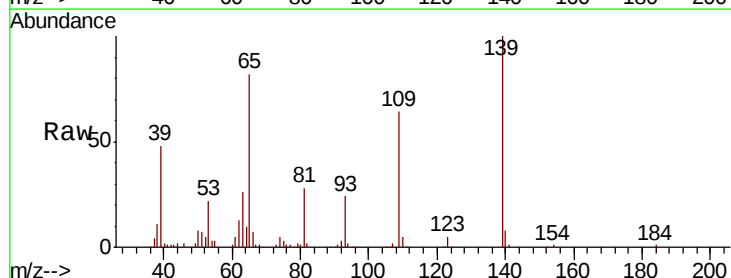


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

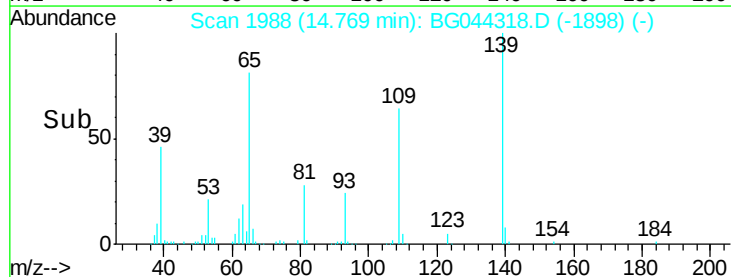
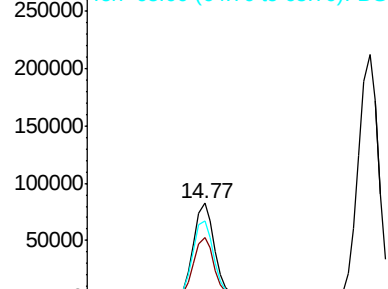


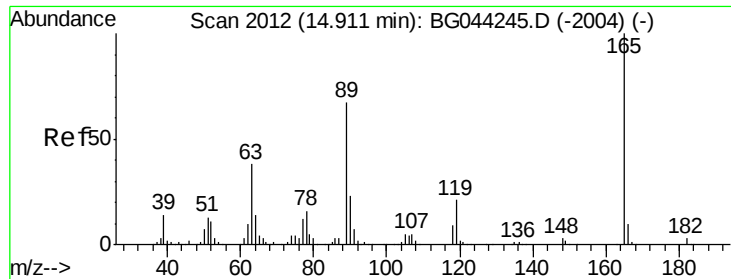
#56
4-Nitrophenol
Concen: 40.944 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

Tgt Ion:139 Resp: 141748
Ion Ratio Lower Upper
139 100
109 64.1 47.5 87.5
65 81.8 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

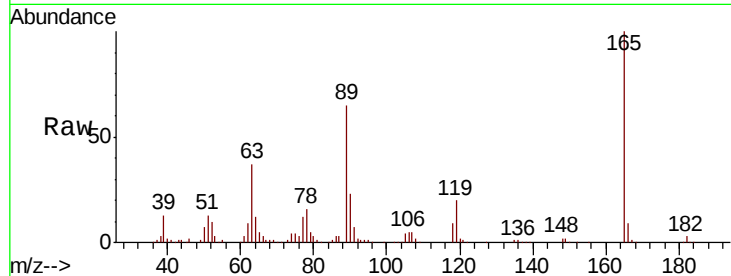




#57
2,4-Dinitrotoluene
Concen: 39.372 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.6	30.3	45.5
89	65.4	53.4	80.2
182	2.6	2.1	3.1

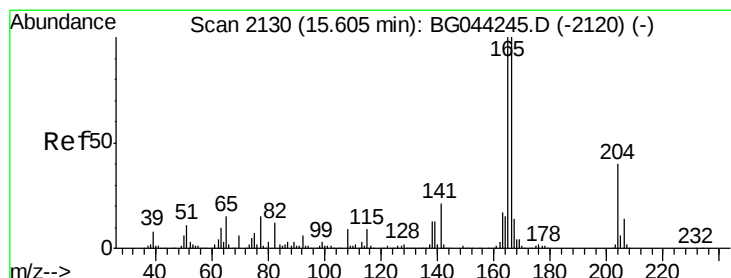
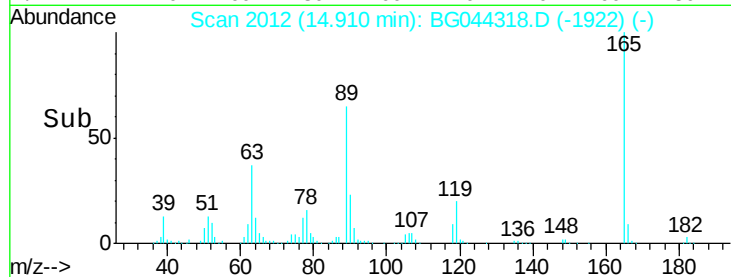
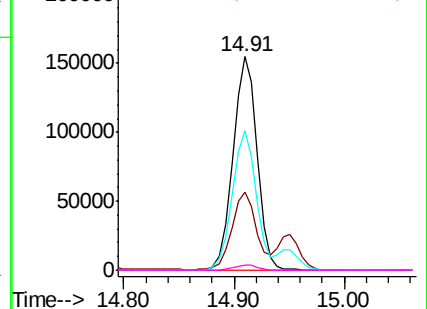


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

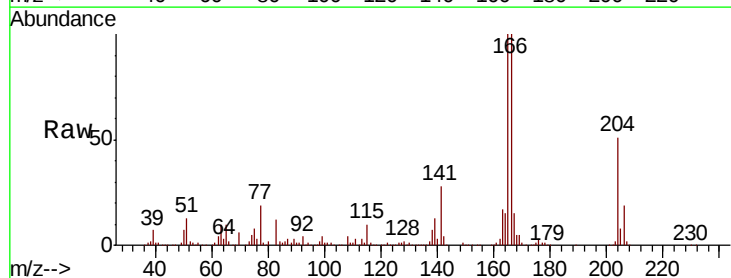
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.997 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

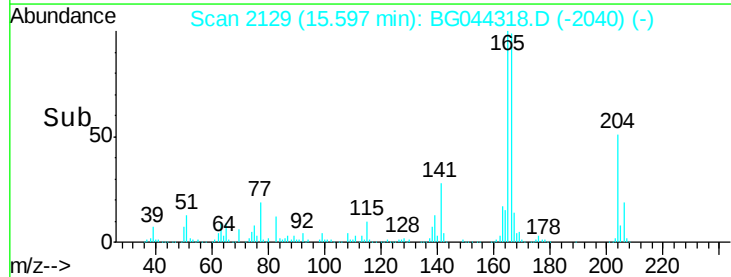
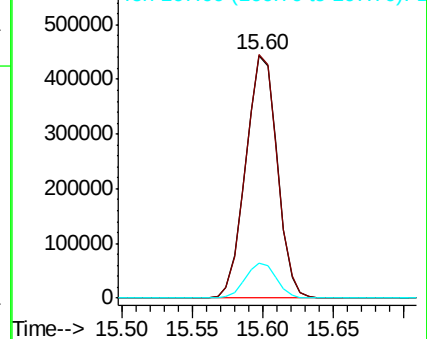
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.9	119.9
167	14.6	11.4	17.0

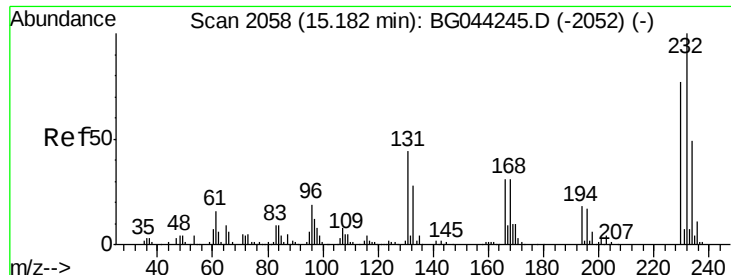


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.735 ng

RT: 15.18 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 193677

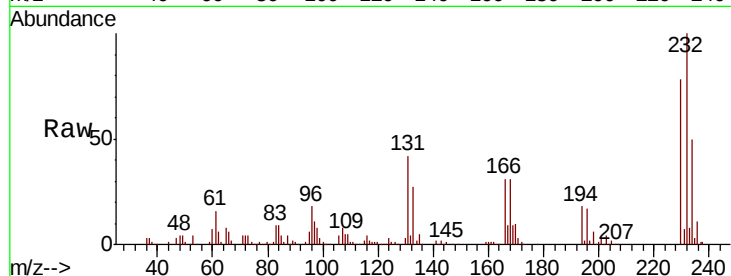
Ion Ratio Lower Upper

232 100

131 41.8 34.2 51.4

130 2.4 1.8 2.8

166 31.0 23.8 35.8

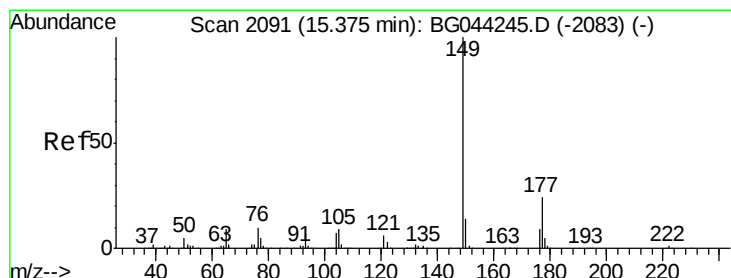
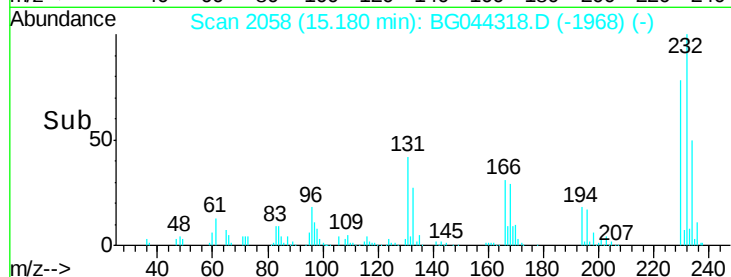
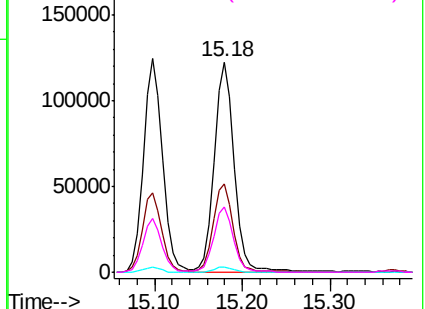


Abundance Ion 232.00 (231.70 to 232.70): E

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



#60

Diethylphthalate

Concen: 39.751 ng

RT: 15.37 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

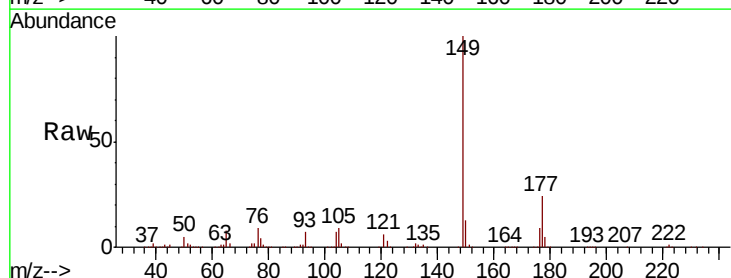
Tgt Ion:149 Resp: 758880

Ion Ratio Lower Upper

149 100

177 24.2 19.4 29.0

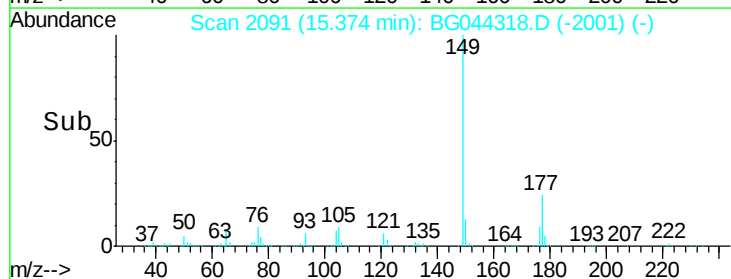
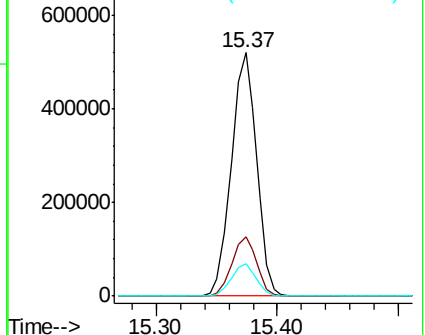
150 13.3 10.9 16.3

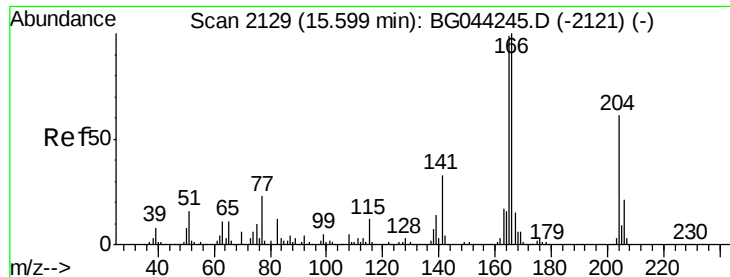


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

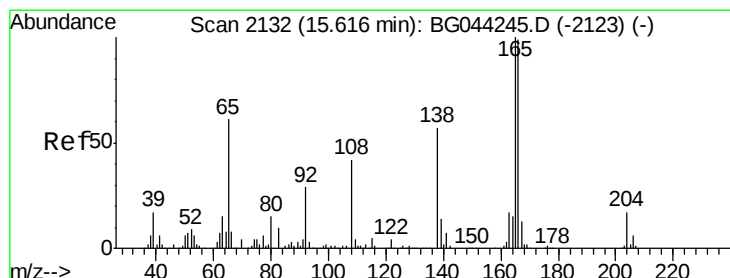
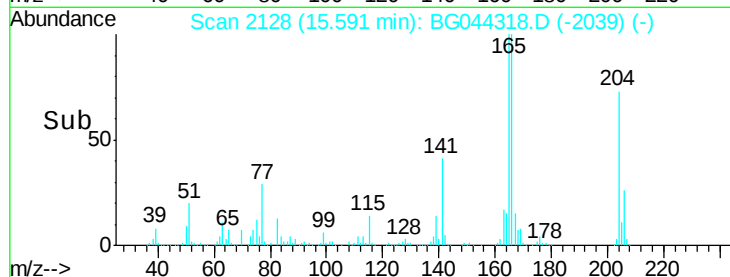
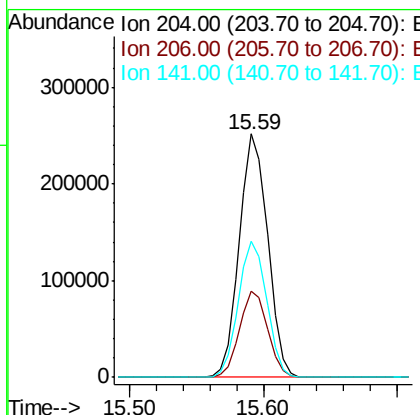
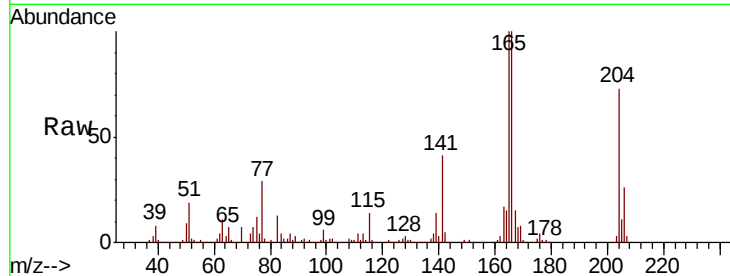




#61
 4-Chlorophenyl-phenylether
 Concen: 39.225 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BG044318.D
 Acq: 6 Feb 2020 11:45

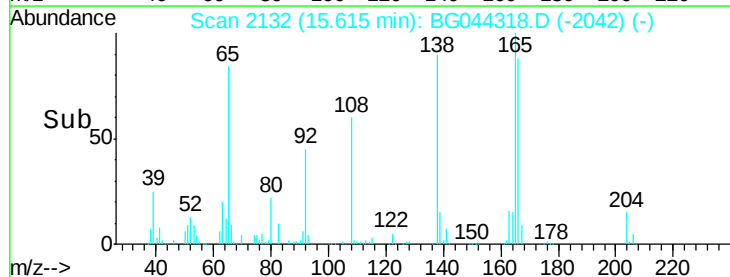
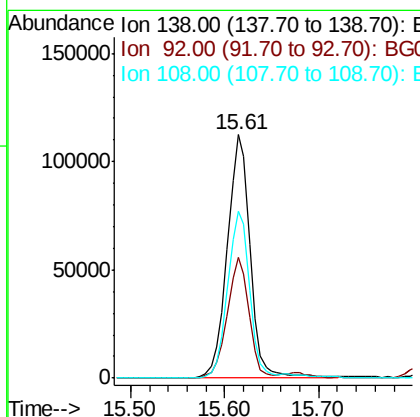
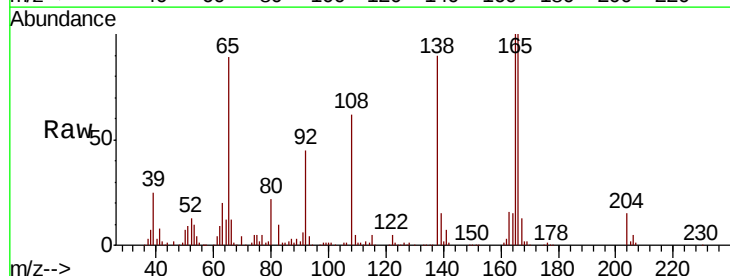
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

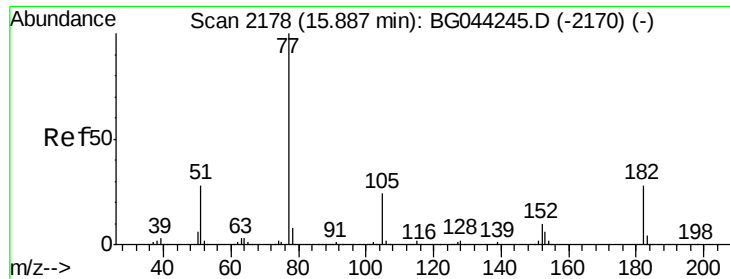
Tot Ion:204 Resp: 368882
 Ion Ratio Lower Upper
 204 100
 206 35.2 27.6 41.4
 141 55.9 43.4 65.0



#62
 4-Nitroaniline
 Concen: 40.405 ng
 RT: 15.61 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG044318.D
 Acq: 6 Feb 2020 11:45

Tgt Ion:138 Resp: 190815
 Ion Ratio Lower Upper
 138 100
 92 49.7 31.3 71.3
 108 68.6 52.6 92.6





#63

Azobenzene

Concen: 39.116 ng

RT: 15.88 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 654486

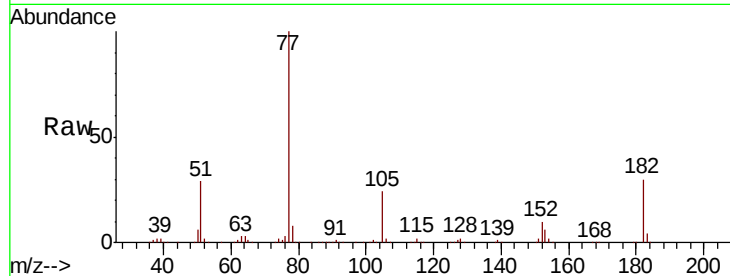
Ion Ratio Lower Upper

77 100

182 29.6 8.2 48.2

105 23.6 3.6 43.6

51 28.5 8.3 48.3

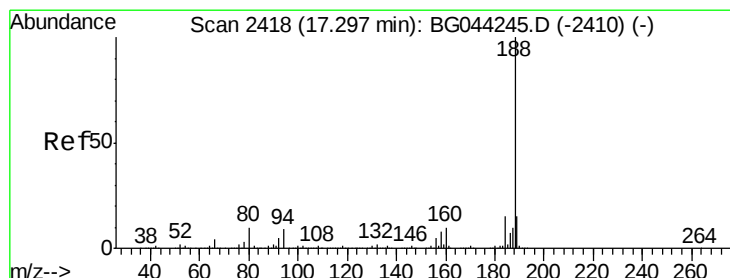
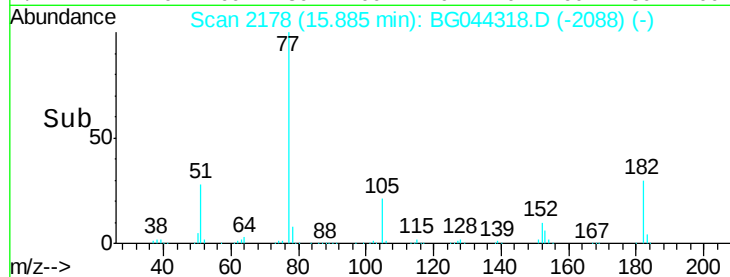
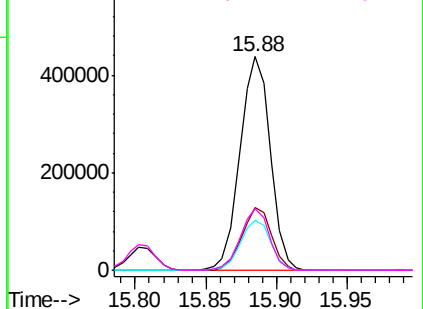


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG044318.D

Acq: 6 Feb 2020 11:45

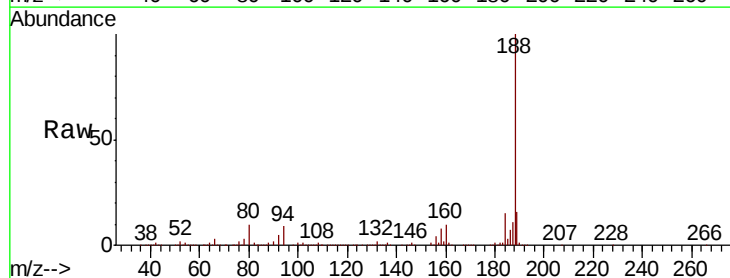
Tgt Ion: 188 Resp: 561077

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

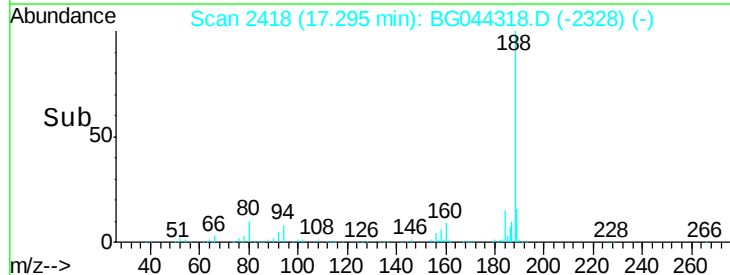
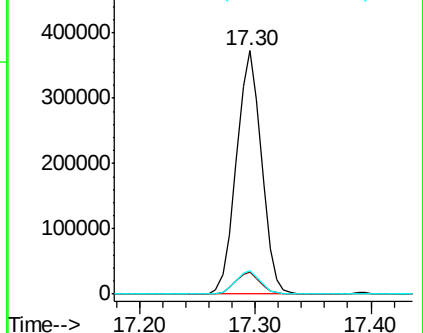
80 9.8 7.7 11.5

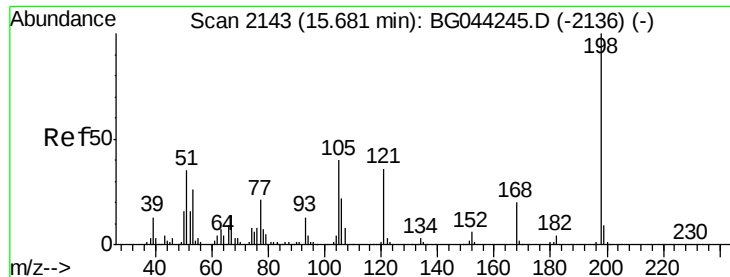


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 42.275 ng

RT: 15.68 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

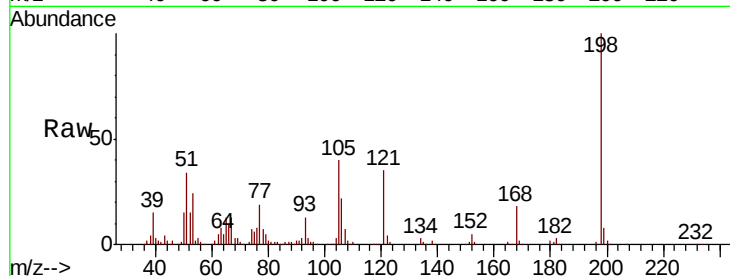
Tot Ion:198 Resp: 130932

Ion Ratio Lower Upper

198 100

51 34.1 16.6 56.6

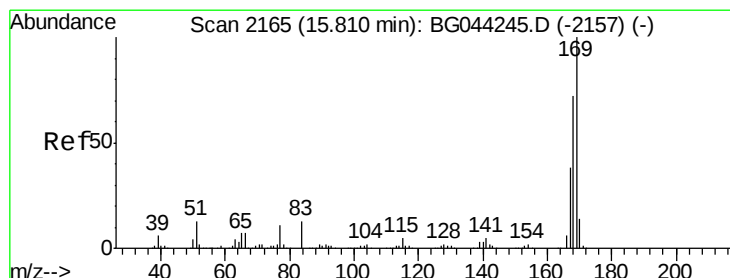
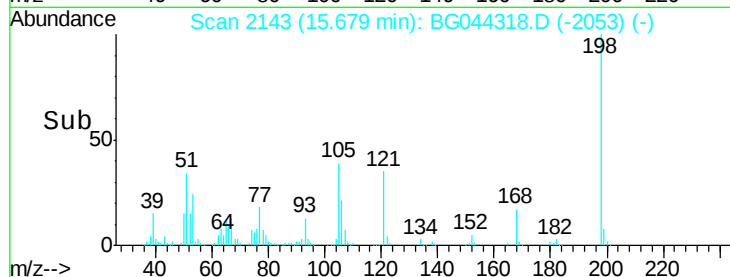
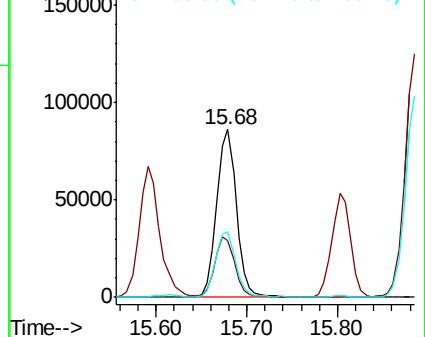
105 39.5 20.6 60.6



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: 40.383 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

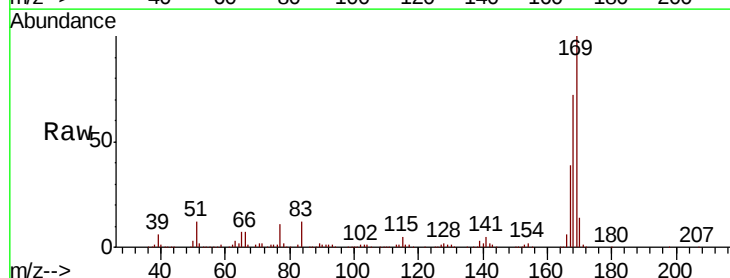
Tgt Ion:169 Resp: 634970

Ion Ratio Lower Upper

169 100

168 71.5 57.9 86.9

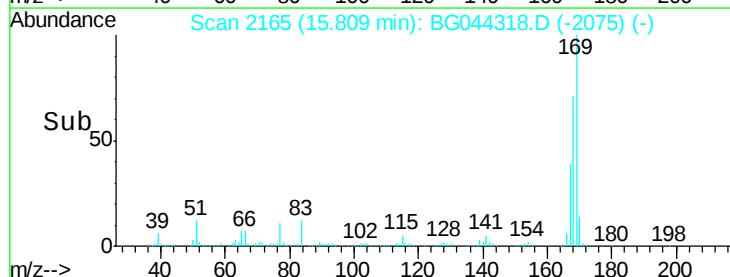
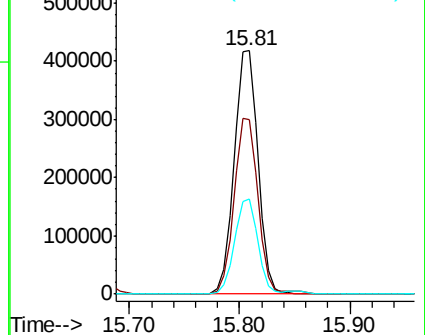
167 38.9 30.7 46.1

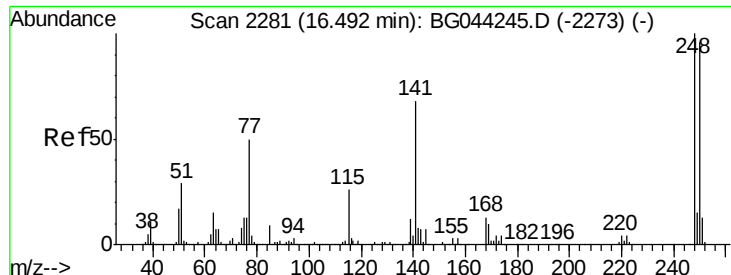


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

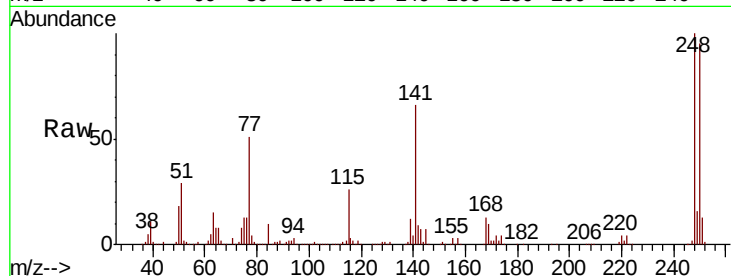




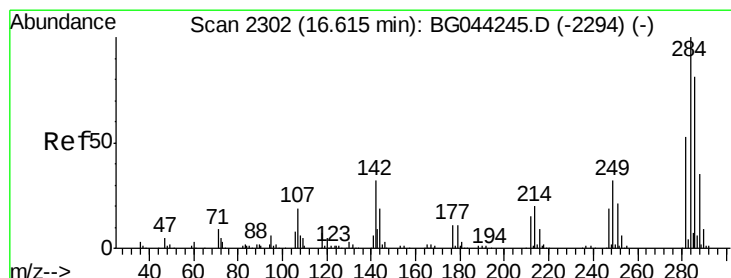
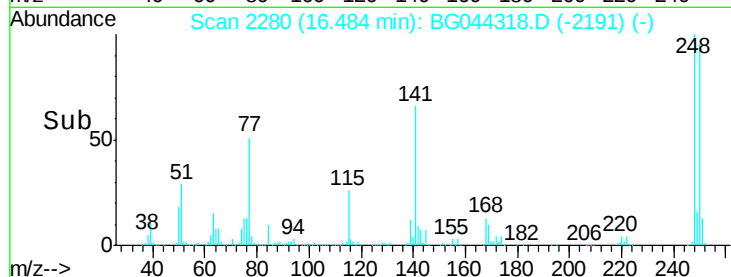
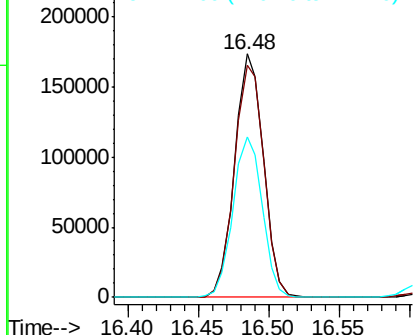
#67
4-Bromophenyl-phenylether
Concen: 40.331 ng
RT: 16.48 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 246538
Ion Ratio Lower Upper
248 100
250 95.2 76.6 114.8
141 65.9 54.7 82.1

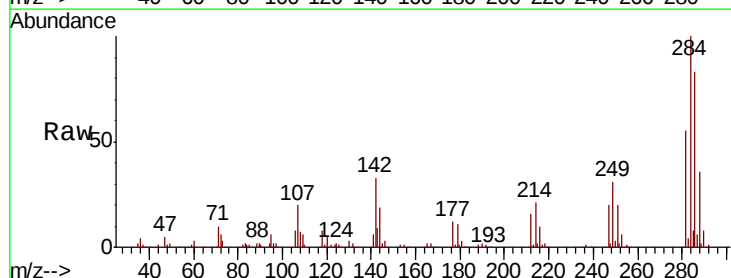


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

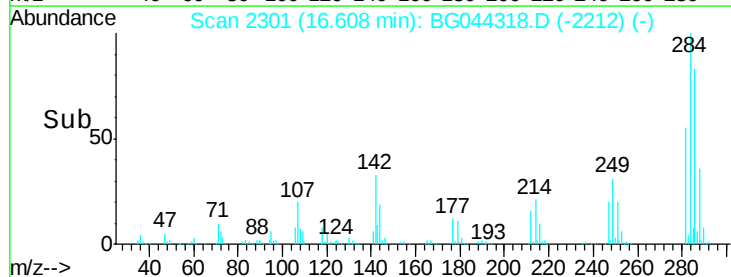
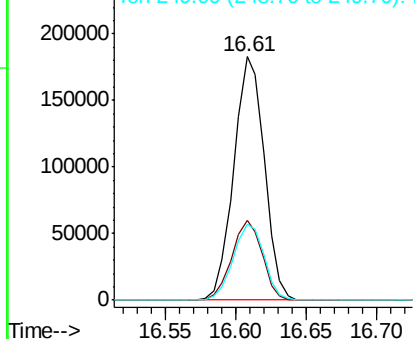


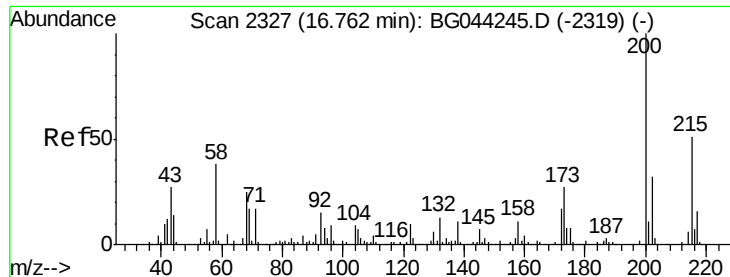
#68
Hexachlorobenzene
Concen: 40.180 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

Tgt Ion:284 Resp: 275168
Ion Ratio Lower Upper
284 100
142 33.0 25.3 37.9
249 31.2 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: 40.727 ng

RT: 16.75 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

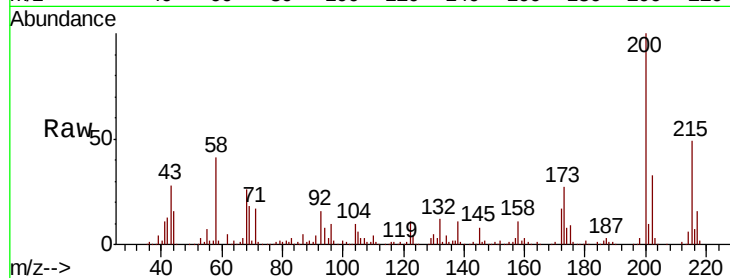
Tot Ion:200 Resp: 219496

Ion Ratio Lower Upper

200 100

173 26.9 6.6 46.6

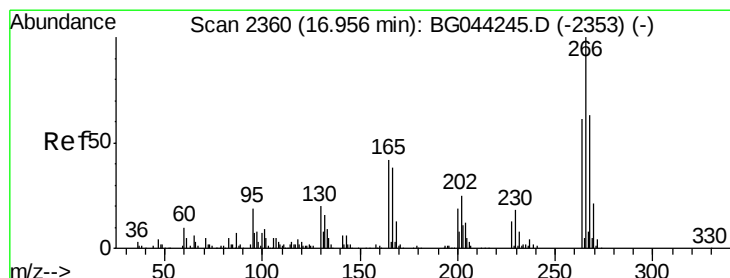
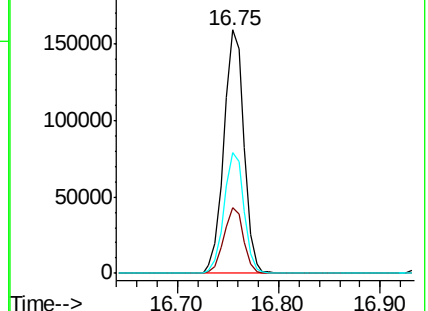
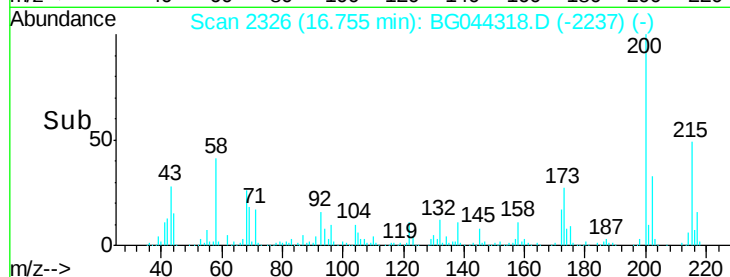
215 49.4 31.0 71.0



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: 41.201 ng

RT: 16.95 min Scan# 2359

Delta R.T. -0.01 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

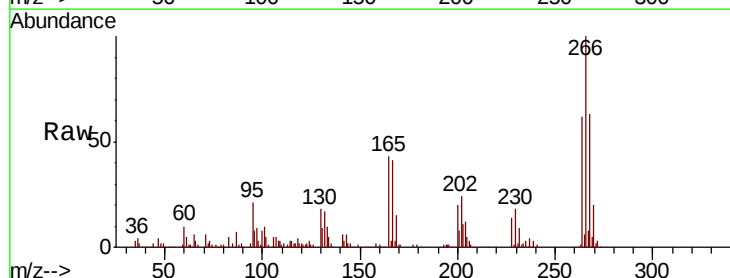
Tgt Ion:266 Resp: 137192

Ion Ratio Lower Upper

266 100

268 63.3 50.6 75.8

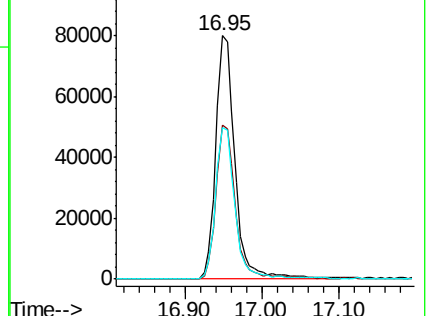
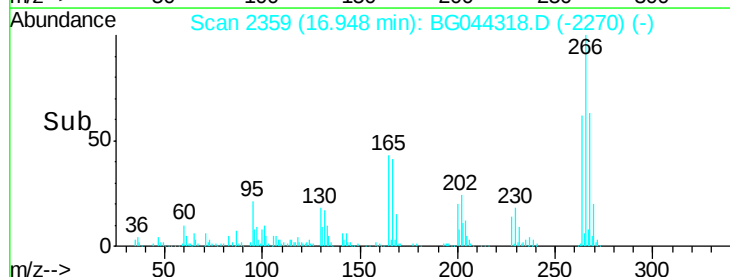
264 62.2 48.7 73.1

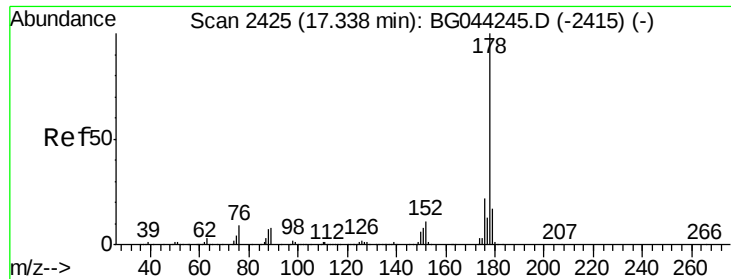


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

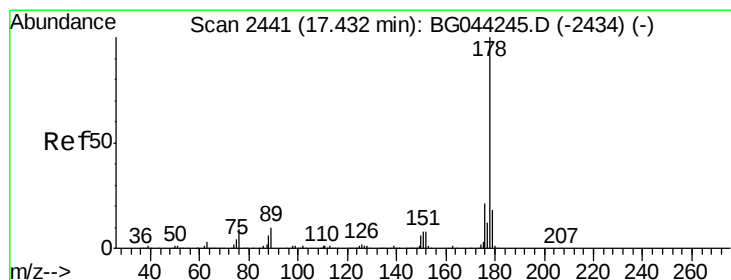
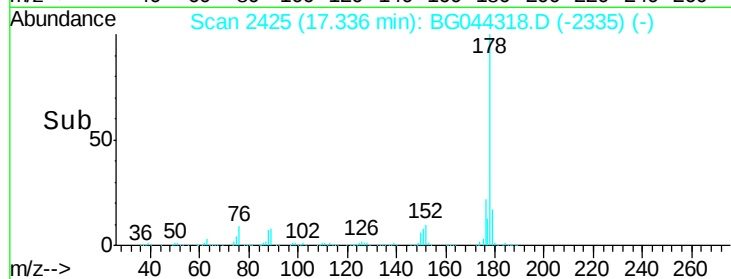
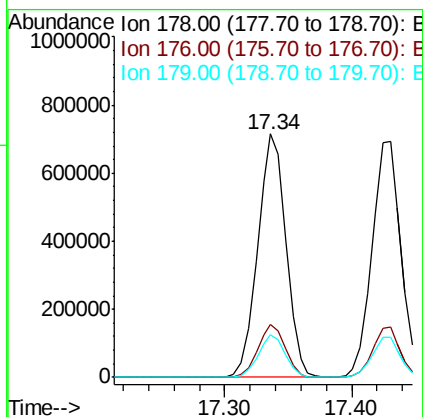
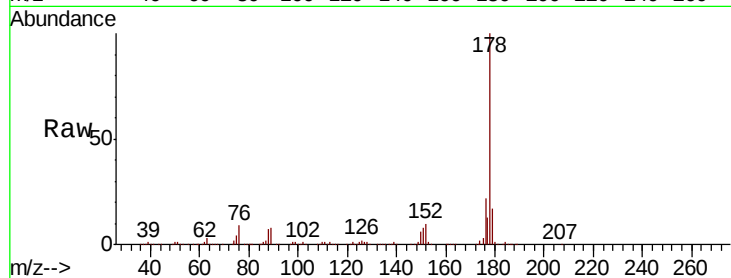




#71
Phenanthrene
Concen: 40.733 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

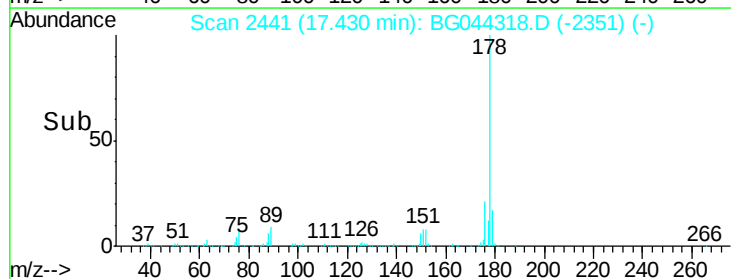
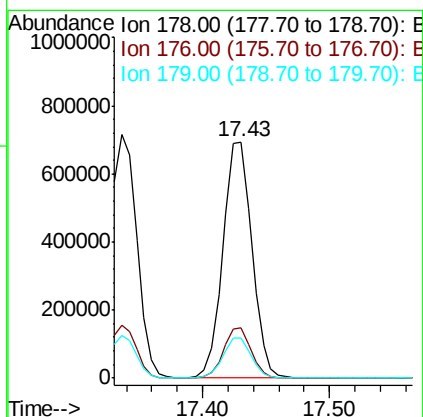
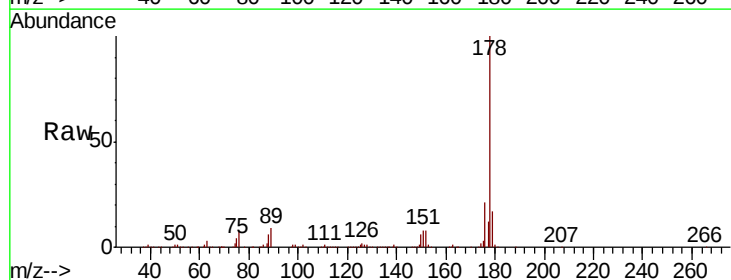
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

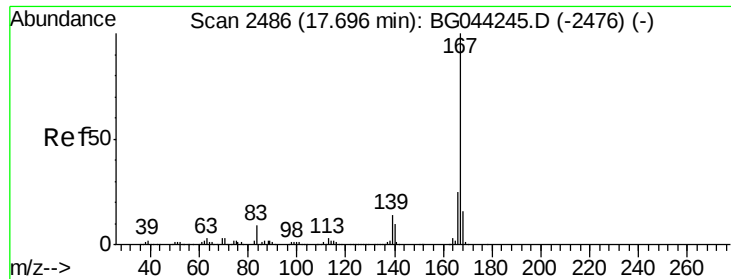
Tot Ion:178 Resp: 1106698
Ion Ratio Lower Upper
178 100
176 21.8 17.7 26.5
179 17.5 13.7 20.5



#72
Anthracene
Concen: 40.789 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

Tgt Ion:178 Resp: 1095653
Ion Ratio Lower Upper
178 100
176 21.1 17.0 25.4
179 17.2 14.4 21.6





#73

Carbazole

Concen: 41.332 ng

RT: 17.69 min Scan# 2486

Delta R.T. -0.00 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

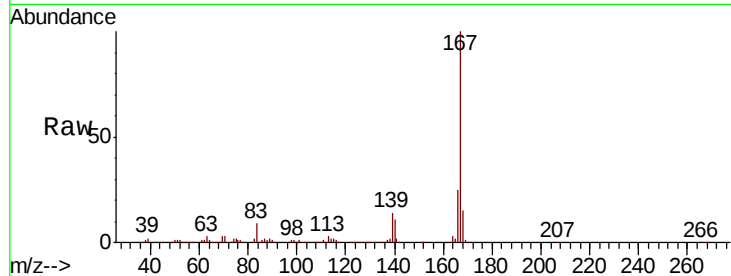
Tot Ion:167 Resp: 1023506

Ion Ratio Lower Upper

167 100

166 25.1 19.8 29.6

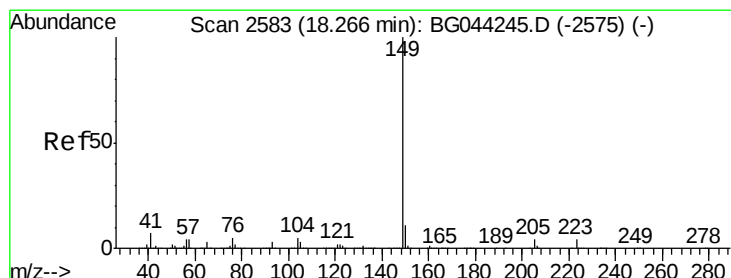
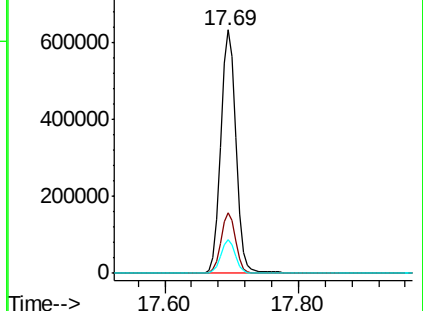
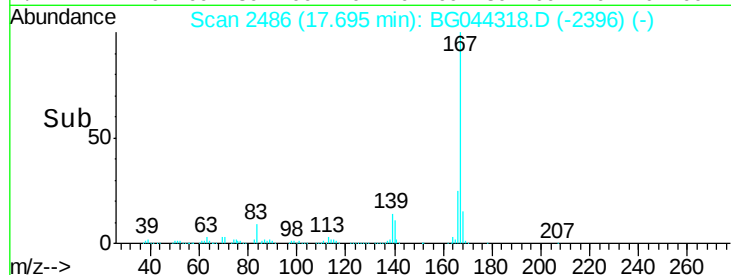
139 13.6 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.407 ng

RT: 18.26 min Scan# 2583

Delta R.T. -0.00 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

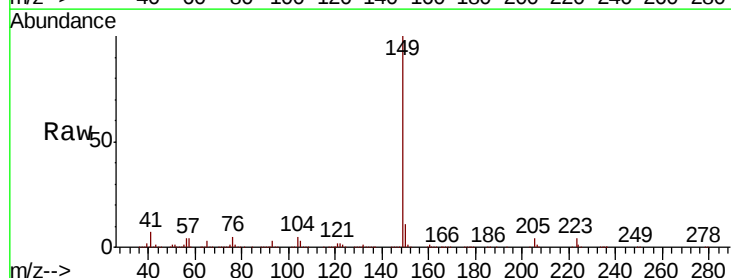
Tgt Ion:149 Resp: 1267101

Ion Ratio Lower Upper

149 100

150 10.8 8.7 13.1

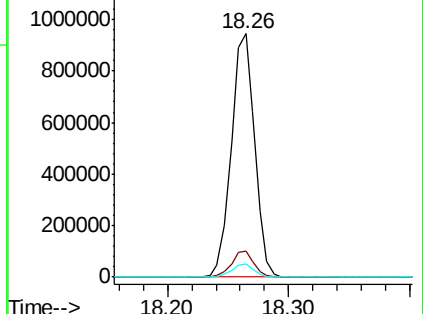
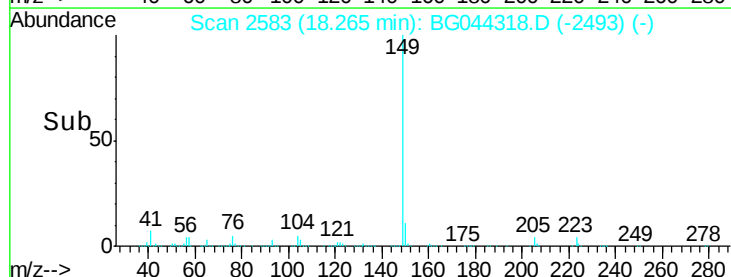
104 5.2 4.3 6.5

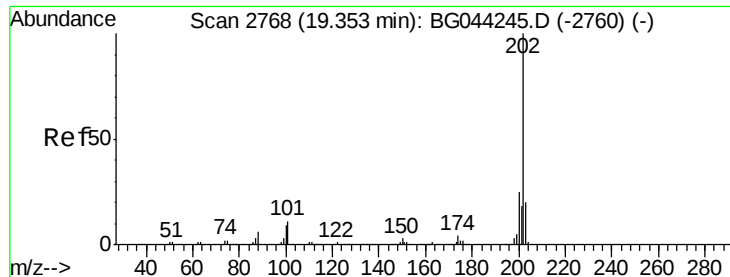


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.342 ng

RT: 19.35 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

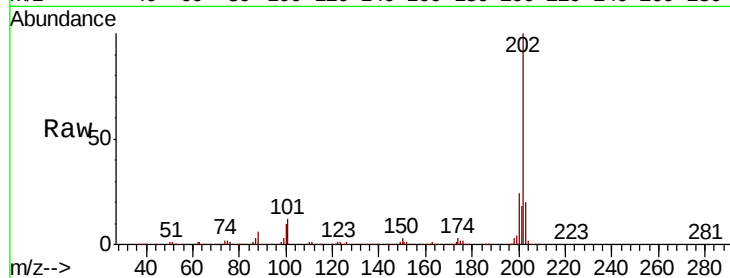
Tot Ion:202 Resp: 1299361

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.3

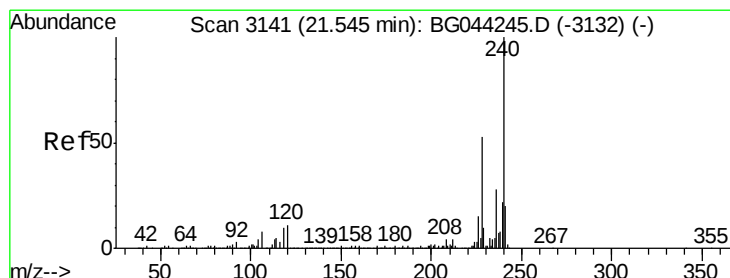
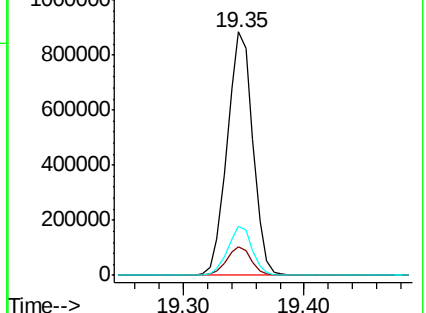
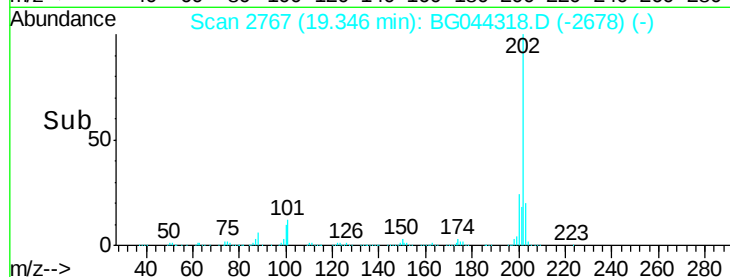
203 20.0 0.0 39.9



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: BG044318.D

Acq: 6 Feb 2020 11:45

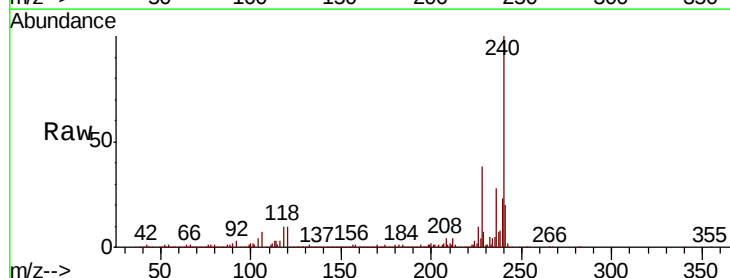
Tgt Ion:240 Resp: 495288

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

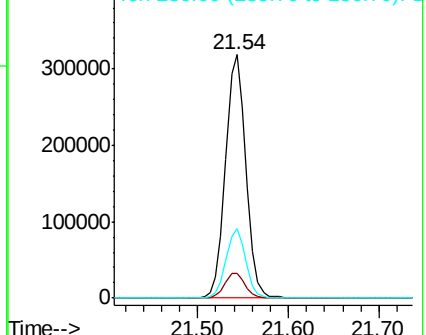
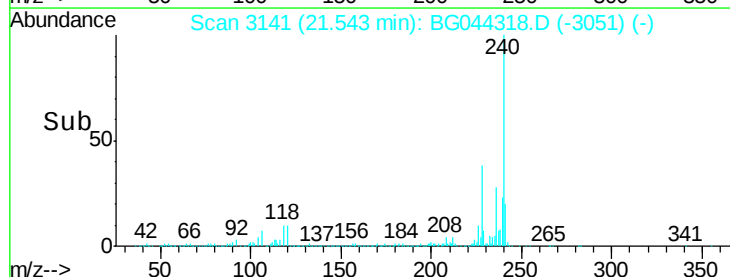
236 28.3 22.1 33.1

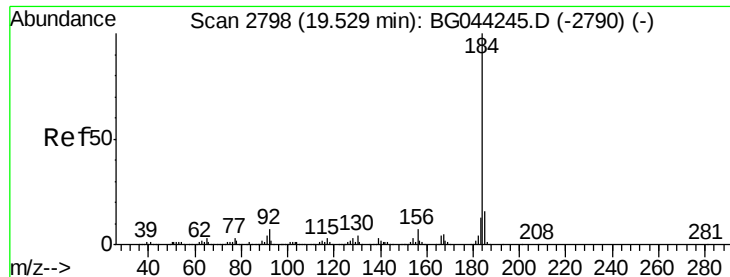


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.953 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

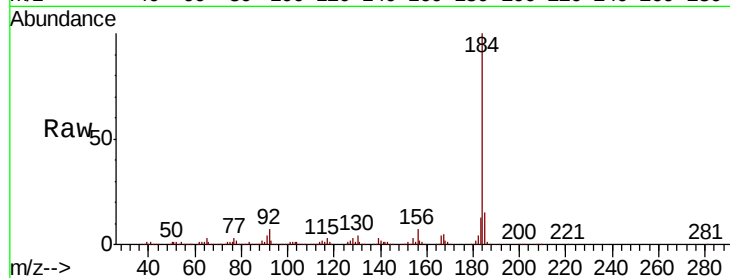
Tot Ion:184 Resp: 617566

Ion Ratio Lower Upper

184 100

185 15.4 12.9 19.3

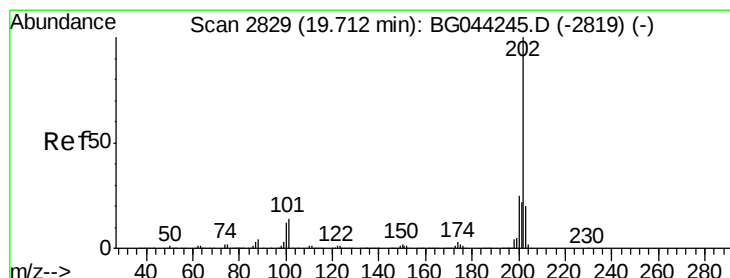
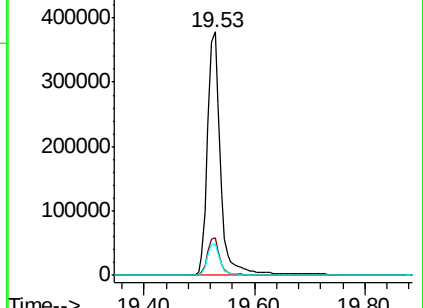
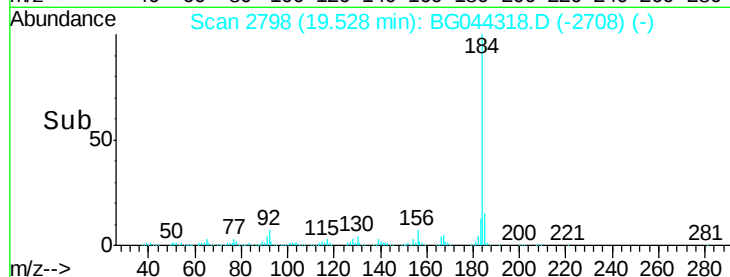
183 12.9 10.8 16.2



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



#78

Pyrene

Concen: 41.192 ng

RT: 19.71 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

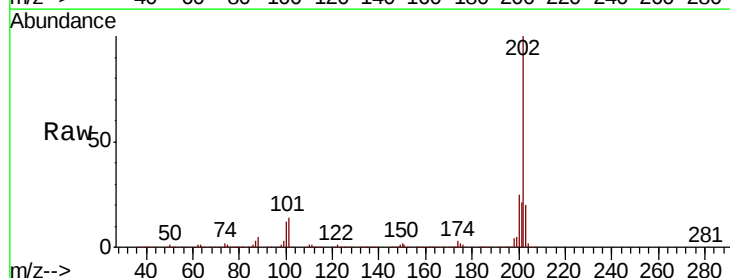
Tgt Ion:202 Resp: 1310230

Ion Ratio Lower Upper

202 100

200 24.7 20.0 30.0

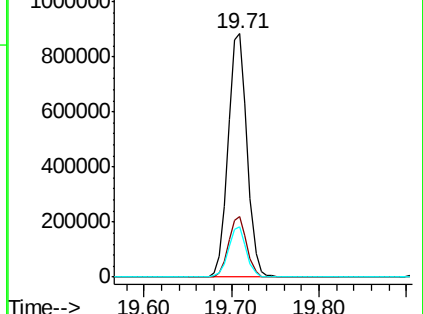
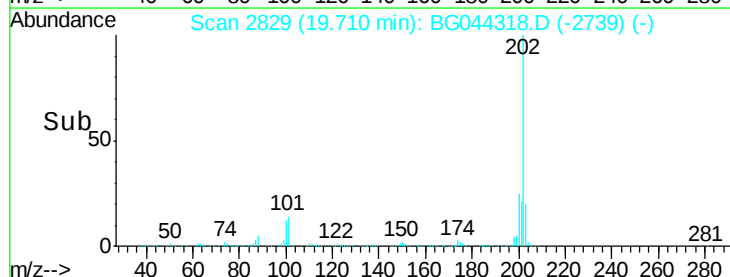
203 20.4 16.2 24.2

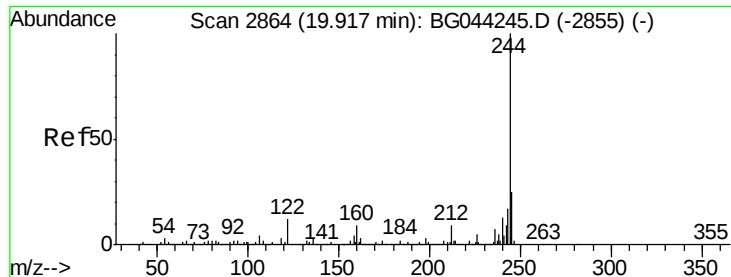


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.823 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

Instrument :

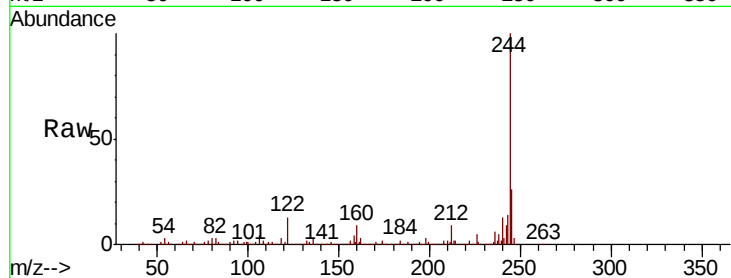
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1825786

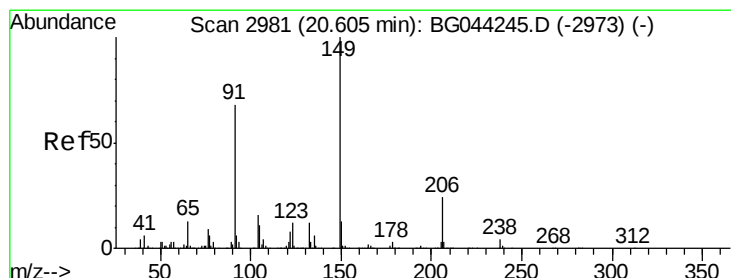
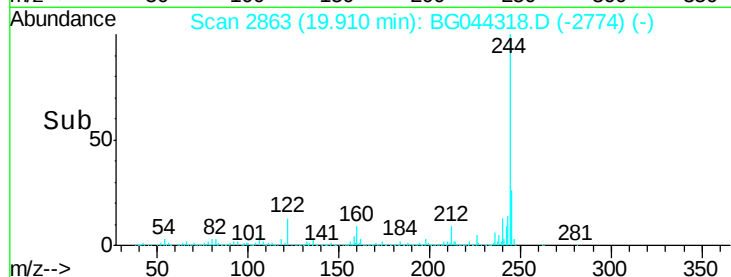
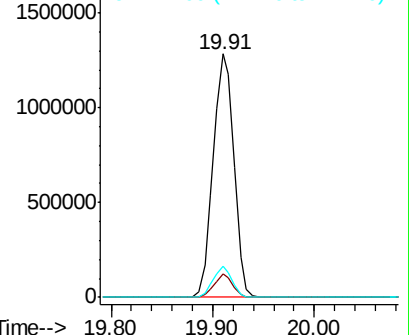
Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.4	11.2
122	12.7	9.8	14.6



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: 41.531 ng

RT: 20.60 min Scan# 2981

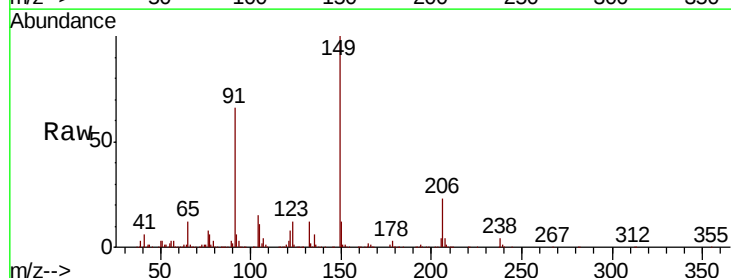
Delta R.T. -0.00 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

Tgt Ion:149 Resp: 601992

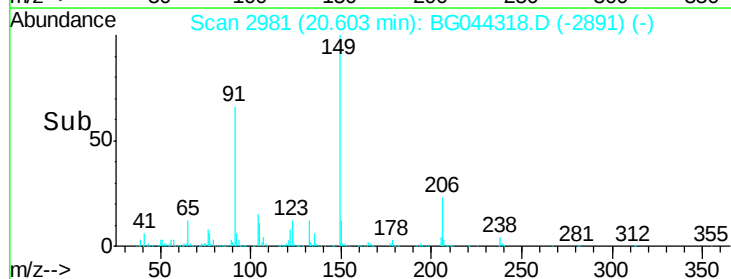
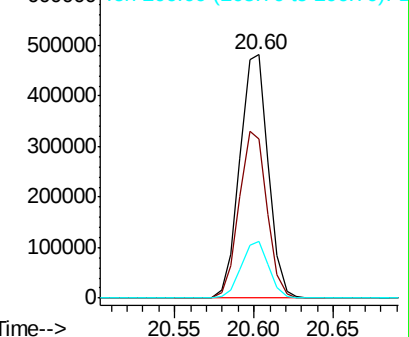
Ion	Ratio	Lower	Upper
149	100		
91	65.6	54.5	81.7
206	23.4	19.1	28.7

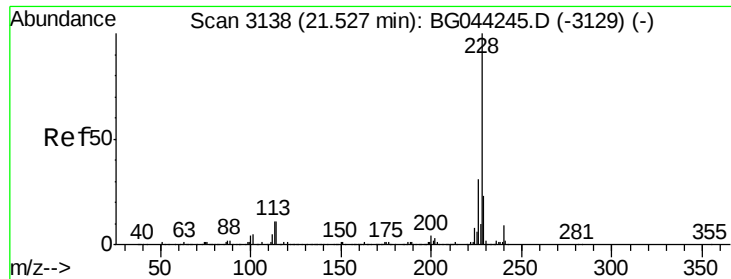


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.263 ng

RT: 21.53 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

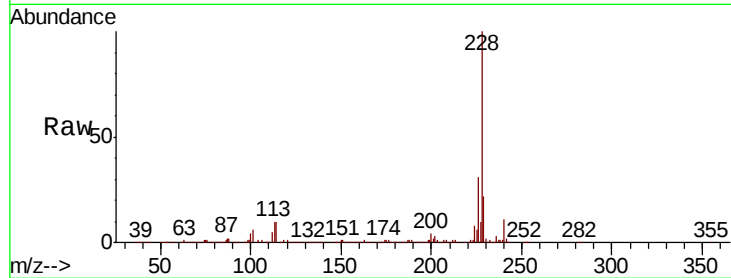
Tot Ion:228 Resp: 1259556

Ion Ratio Lower Upper

228 100

226 30.5 24.7 37.1

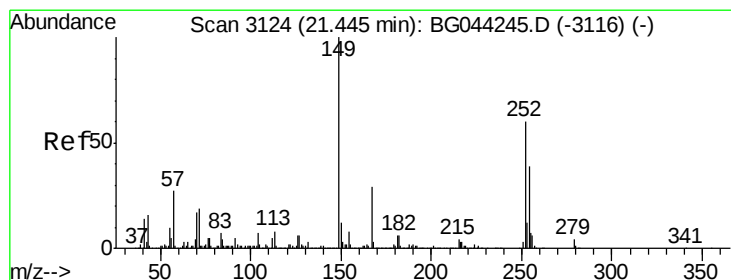
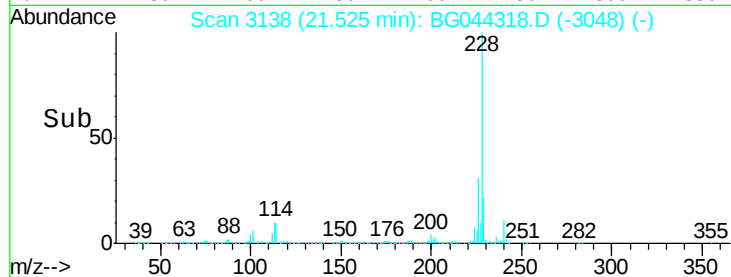
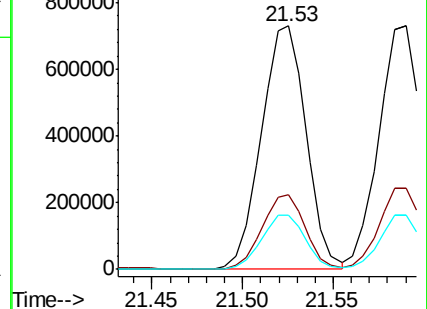
229 22.0 18.2 27.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.124 ng

RT: 21.44 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

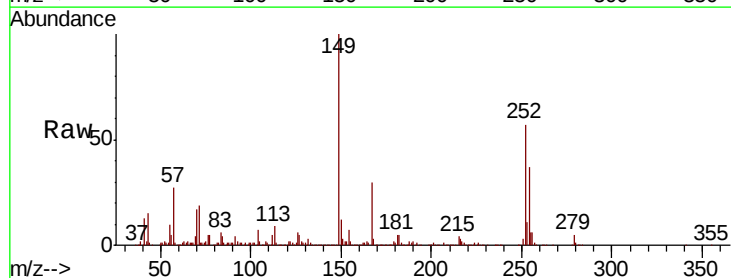
Tgt Ion:252 Resp: 499042

Ion Ratio Lower Upper

252 100

254 65.5 52.6 78.8

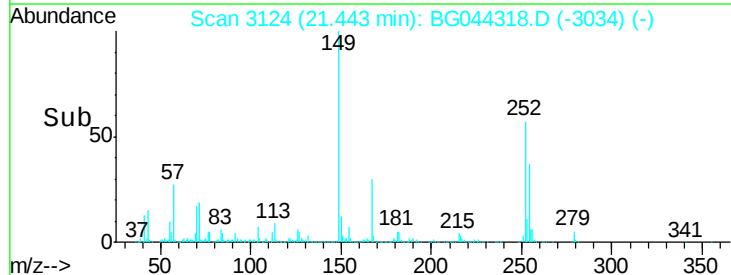
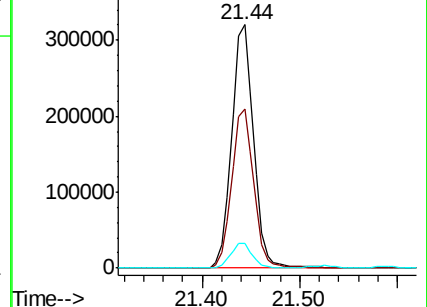
126 9.9 8.2 12.4

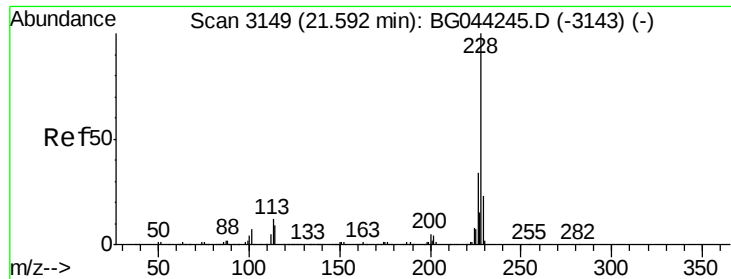


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.208 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

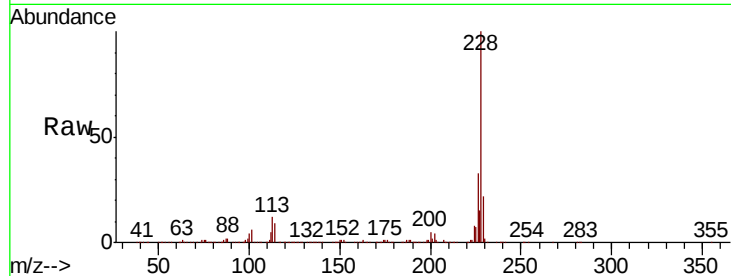
Tot Ion:228 Resp: 1215864

Ion Ratio Lower Upper

228 100

226 33.5 27.1 40.7

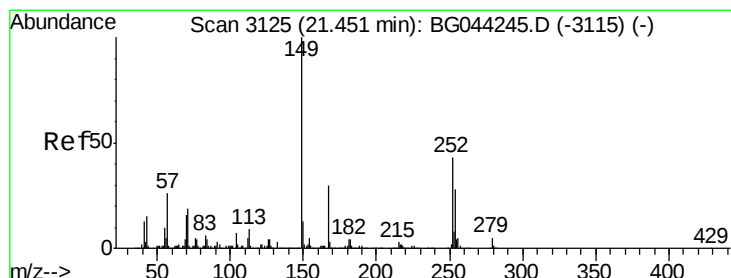
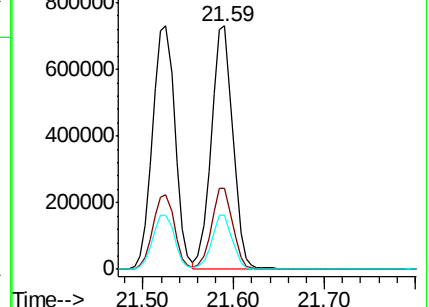
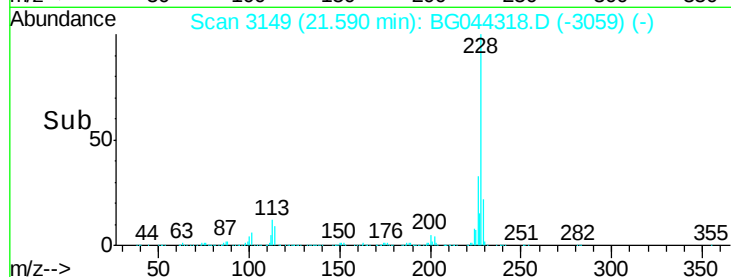
229 22.2 17.9 26.9



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: 41.253 ng

RT: 21.44 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

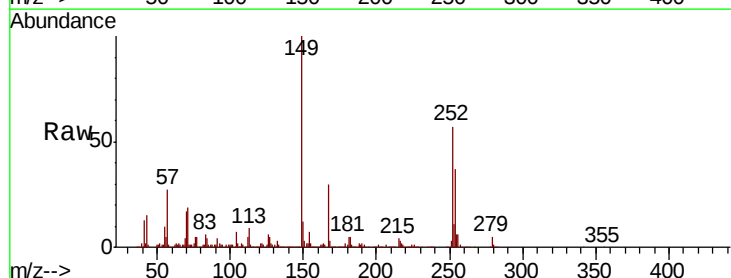
Tgt Ion:149 Resp: 823052

Ion Ratio Lower Upper

149 100

167 29.6 24.0 36.0

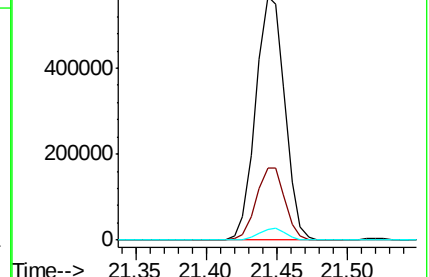
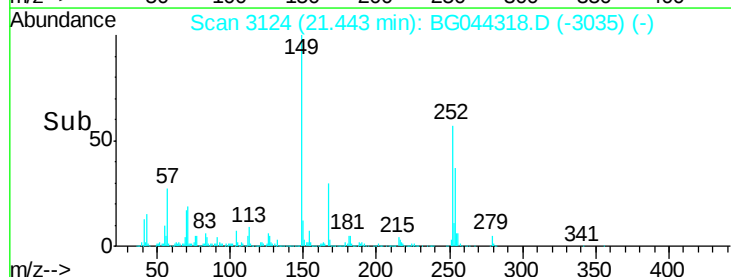
279 4.6 3.8 5.8

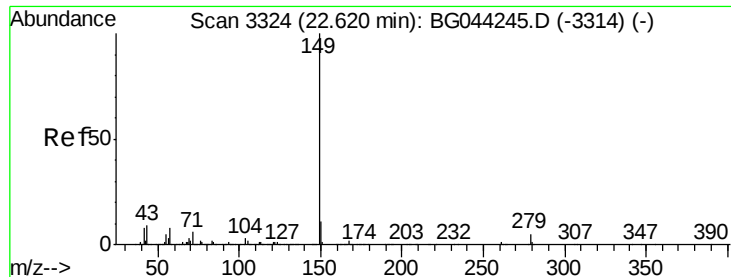


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.661 ng

RT: 22.61 min Scan# 3323

Delta R.T. -0.01 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

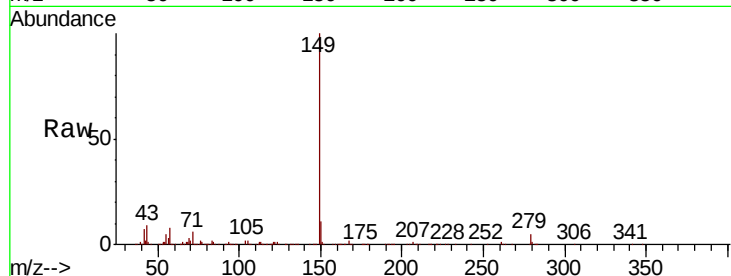
Tot Ion:149 Resp: 1438127

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

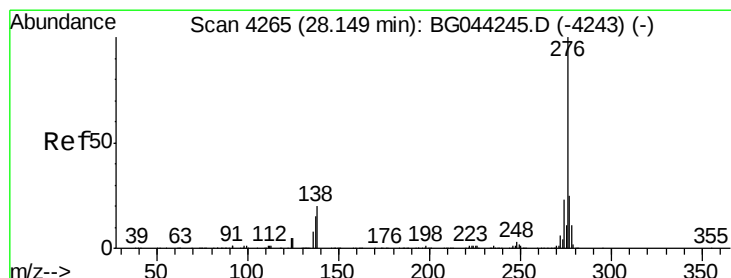
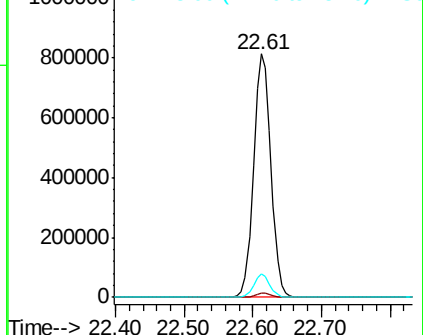
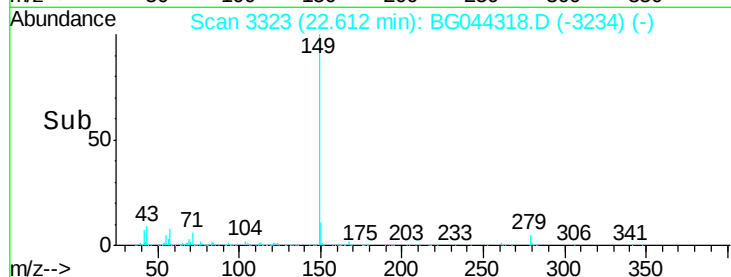
43 8.8 7.4 11.0



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.774 ng

RT: 28.14 min Scan# 4264

Delta R.T. -0.01 min

Lab File: BG044318.D

Acq: 6 Feb 2020 11:45

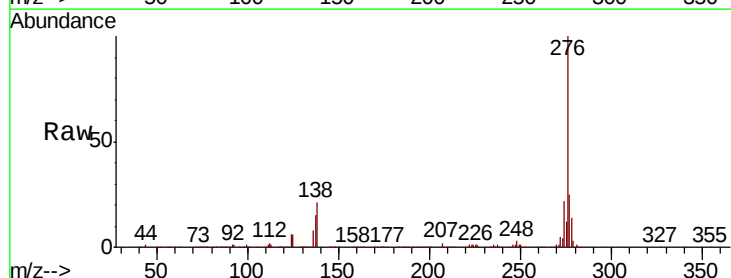
Tgt Ion:276 Resp: 1569557

Ion Ratio Lower Upper

276 100

138 24.4 19.4 29.0

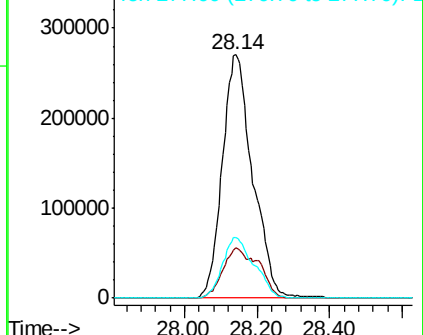
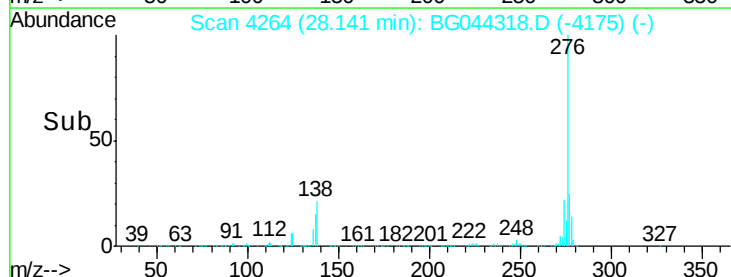
277 25.9 21.0 31.6

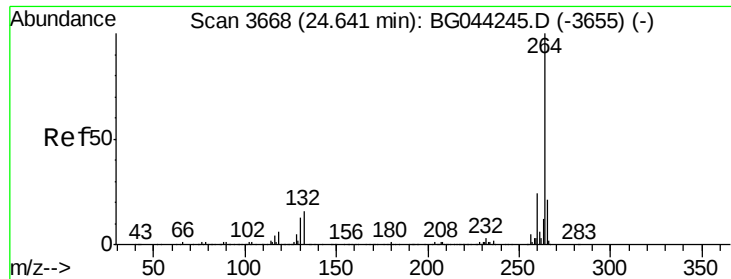


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

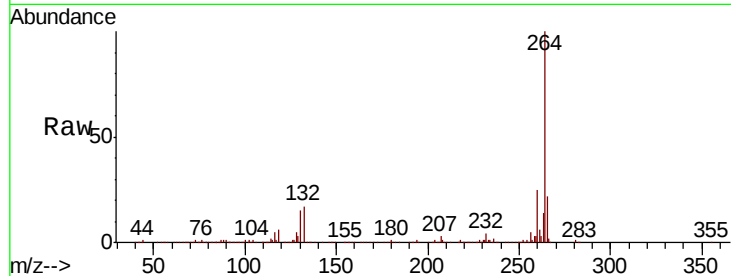




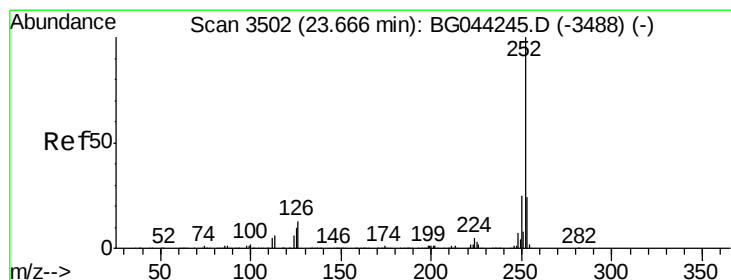
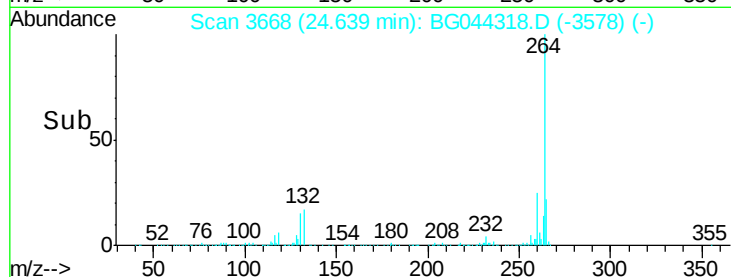
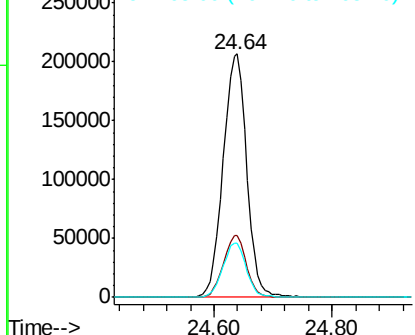
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.64 min Scan# 3668
 Delta R.T. -0.00 min
 Lab File: BG044318.D
 Acq: 6 Feb 2020 11:45

Instrument :
 BNA_G
 ClientSampleId :
 SSTDC040

Tot Ion:264 Resp: 575734
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.4 29.2
 265 22.2 16.7 25.1

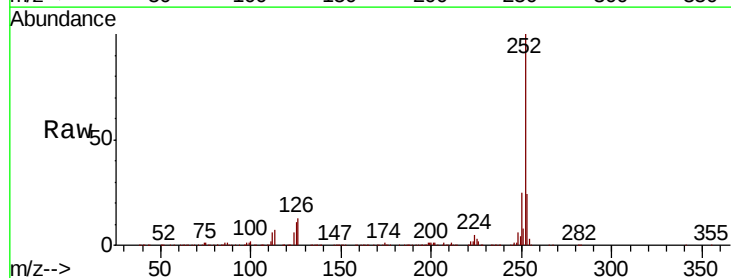


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

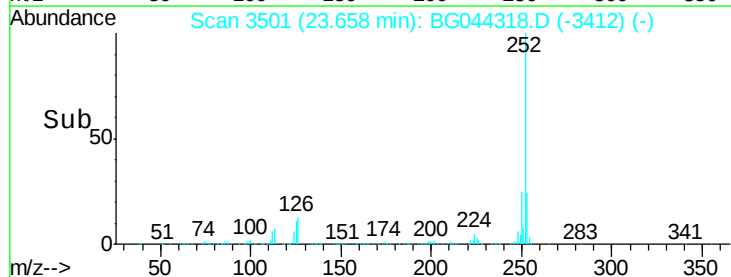
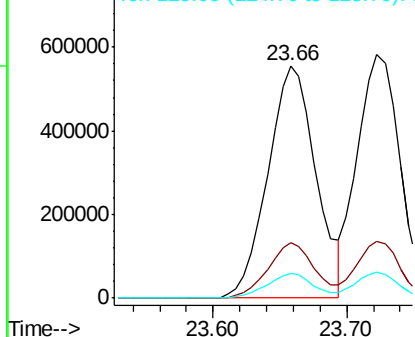


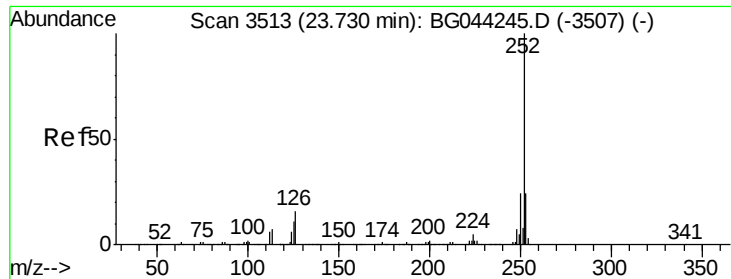
#88
 Benzo(b)fluoranthene
 Concen: 41.891 ng
 RT: 23.66 min Scan# 3501
 Delta R.T. -0.01 min
 Lab File: BG044318.D
 Acq: 6 Feb 2020 11:45

Tgt Ion:252 Resp: 1389770
 Ion Ratio Lower Upper
 252 100
 253 23.8 19.2 28.8
 125 10.7 8.4 12.6



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

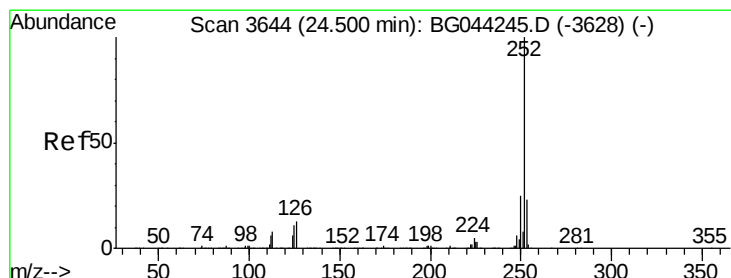
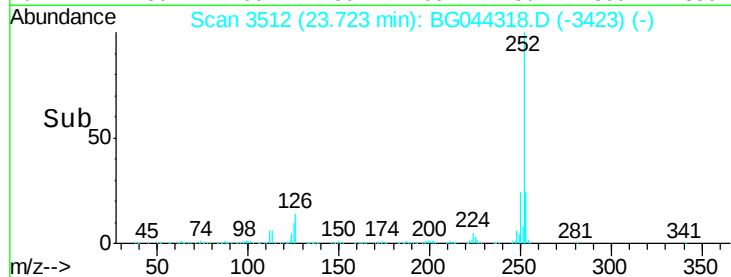
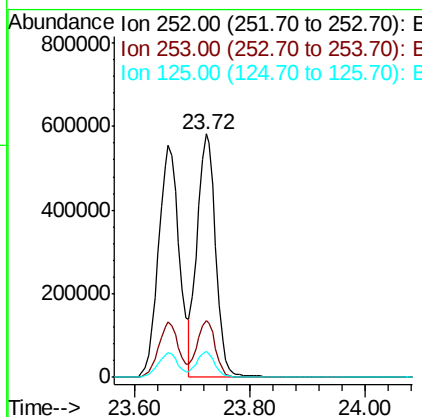
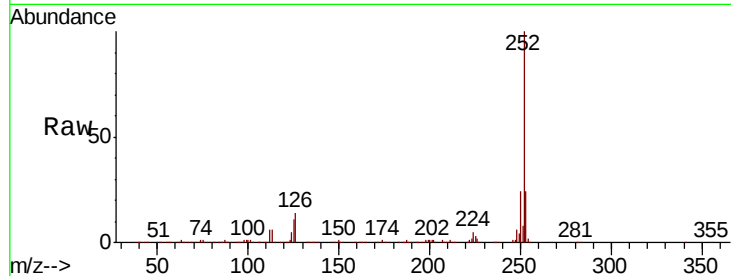




#89
Benzo(k)fluoranthene
Concen: 40.338 ng
RT: 23.72 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

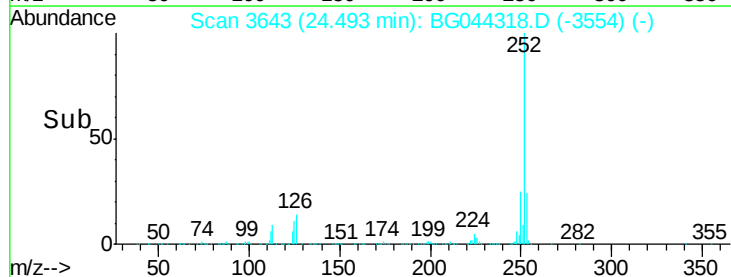
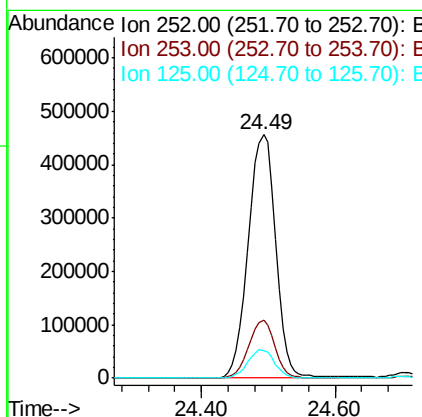
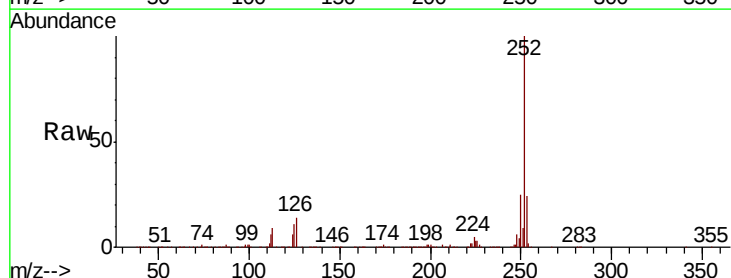
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

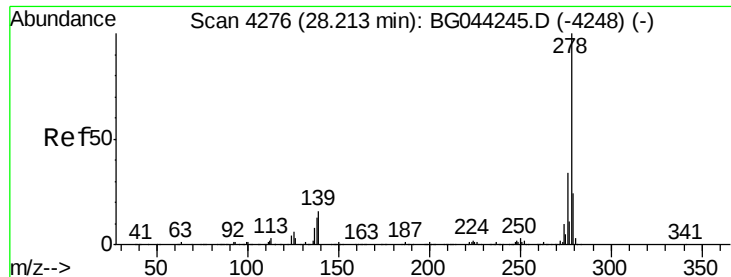
Tot Ion:252 Resp: 1304304
Ion Ratio Lower Upper
252 100
253 23.6 19.1 28.7
125 10.5 8.6 12.8



#90
Benzo(a)pyrene
Concen: 40.977 ng
RT: 24.49 min Scan# 3643
Delta R.T. -0.01 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

Tgt Ion:252 Resp: 1285334
Ion Ratio Lower Upper
252 100
253 23.8 18.1 27.1
125 11.3 8.6 13.0



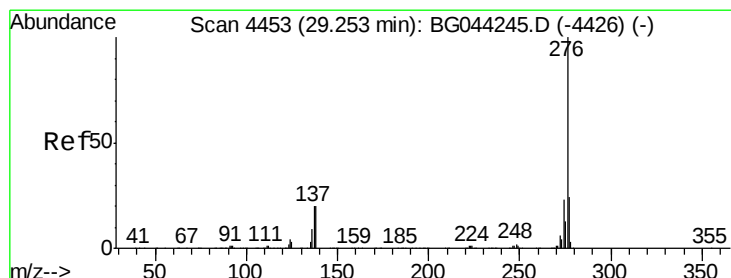
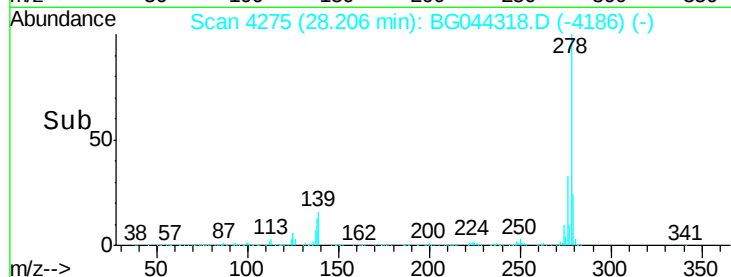
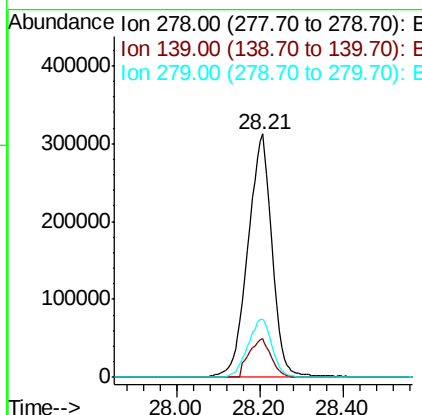
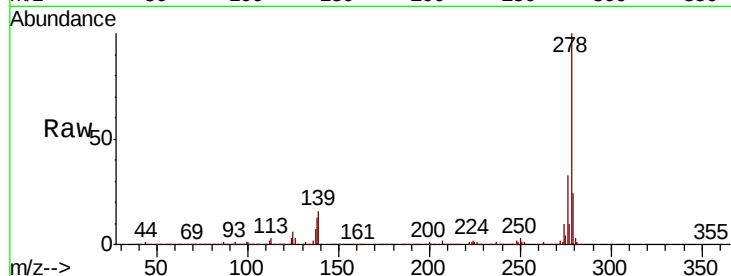


#91
Dibenzo(a,h)anthracene
Concen: 40.850 ng
RT: 28.21 min Scan# 4275
Delta R.T. -0.01 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 1268125

Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.7	19.1
279	23.9	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 40.562 ng
RT: 29.24 min Scan# 4451
Delta R.T. -0.01 min
Lab File: BG044318.D
Acq: 6 Feb 2020 11:45

Tgt Ion:276 Resp: 1260535

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.8	28.2
138	20.8	16.2	24.2

