

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100719\
 Data File : BG043081.D
 Acq On : 7 Oct 2019 23:39
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Oct 08 03:56:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	54549	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	233825	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	176637	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	422647	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	436961	20.00	ng	-0.03
87) Perylene-d12	24.90	264	512220	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	249444	81.61	ng	-0.02
7) Phenol-d6	7.23	99	375328	85.27	ng	-0.01
23) Nitrobenzene-d5	9.22	82	381107	79.22	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	275024	90.55	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1012305	83.08	ng	-0.02
79) Terphenyl-d14	20.03	244	1847622	90.10	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	45245	35.503	ng	92
3) Pyridine	3.93	79	142964	39.885	ng	95
4) n-Nitrosodimethylamine	3.85	42	66394	38.519	ng	88
6) Aniline	7.39	93	221396	41.667	ng	96
8) 2-Chlorophenol	7.63	128	136982	42.973	ng	91
9) Benzaldehyde	7.19	77	89861	33.409	ng	93
10) Phenol	7.25	94	173400	42.937	ng	95
11) bis(2-Chloroethyl)ether	7.48	93	125928	40.302	ng	93
12) 1,3-Dichlorobenzene	7.95	146	166351	40.908	ng	98
13) 1,4-Dichlorobenzene	8.09	146	166933	41.180	ng	96
14) 1,2-Dichlorobenzene	8.41	146	160044	41.469	ng	95
15) Benzyl Alcohol	8.30	79	95323	28.804	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	201537	33.585	ng	95
17) 2-Methylphenol	8.51	107	126034	44.602	ng	98
18) Hexachloroethane	9.14	117	61222	40.101	ng	91
19) n-Nitroso-di-n-propylamine	8.86	70	123583	42.758	ng	92
20) 3+4-Methylphenols	8.83	107	173463	44.795	ng	96
22) Acetophenone	8.88	105	250061	41.488	ng	# 97
24) Nitrobenzene	9.26	77	180590	39.356	ng	96
25) Isophorone	9.78	82	346147	40.963	ng	99
26) 2-Nitrophenol	9.97	139	89944	46.045	ng	92
27) 2,4-Dimethylphenol	10.03	122	124288	41.431	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	195736	40.826	ng	98
29) 2,4-Dichlorophenol	10.51	162	163862	43.920	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	197650	41.023	ng	100
31) Naphthalene	10.91	128	479114	41.625	ng	100
32) Benzoic acid	10.18	122	87617	39.131	ng	99
33) 4-Chloroaniline	11.02	127	218714	43.790	ng	94
34) Hexachlorobutadiene	11.20	225	142818	39.589	ng	98
35) Caprolactam	11.80	113	60186	45.744	ng	# 82
36) 4-Chloro-3-methylphenol	12.14	107	179393	44.223	ng	95
37) 2-Methylnaphthalene	12.51	142	376618	42.890	ng	98
38) 1-Methylnaphthalene	12.73	142	357353	43.009	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	267541	40.284	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	156339	36.945	ng	100
43) 2,4,6-Trichlorophenol	13.12	196	165945	42.690	ng	96
44) 2,4,5-Trichlorophenol	13.19	196	172151	42.990	ng	97
46) 1,1'-Biphenyl	13.52	154	540993	40.387	ng	98
47) 2-Chloronaphthalene	13.56	162	422446	42.064	ng	99
48) 2-Nitroaniline	13.76	65	139732	41.839	ng	92
49) Acenaphthylene	14.40	152	646863	42.093	ng	99
50) Dimethylphthalate	14.13	163	556666	42.061	ng	99
51) 2,6-Dinitrotoluene	14.25	165	125062	44.373	ng	92
52) Acenaphthene	14.74	154	402393	39.120	ng	97
53) 3-Nitroaniline	14.59	138	124157	42.626	ng	94
54) 2,4-Dinitrophenol	14.79	184	78951	45.066	ng	88
55) Dibenzofuran	15.08	168	641251	42.143	ng	98
56) 4-Nitrophenol	14.90	139	84891	38.251	ng	97
57) 2,4-Dinitrotoluene	15.03	165	180885	43.826	ng	96
58) Fluorene	15.73	166	540352	41.595	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	172627	40.487	ng	98
60) Diethylphthalate	15.49	149	561795	41.710	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	321048	41.207	ng	98
62) 4-Nitroaniline	15.75	138	133285	41.957	ng	97
63) Azobenzene	16.01	77	472593	38.539	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	105851	44.259	ng	94
66) n-Nitrosodiphenylamine	15.93	169	481037	43.114	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	230475	43.448	ng	98
68) Hexachlorobenzene	16.73	284	259212	43.887	ng	98
69) Atrazine	16.88	200	163837	34.872	ng	96
70) Pentachlorophenol	17.08	266	138810	40.729	ng	97
71) Phenanthrene	17.47	178	861731	41.763	ng	98
72) Anthracene	17.55	178	868431	42.159	ng	99
73) Carbazole	17.82	167	796962	41.722	ng	99
74) Di-n-butylphthalate	18.38	149	951971	41.770	ng	99
75) Fluoranthene	19.47	202	1109351	40.648	ng	99
77) Benzidine	19.66	184	255681	23.369	ng	98
78) Pyrene	19.83	202	1111682	42.625	ng	100
80) Butylbenzylphthalate	20.71	149	432501	43.689	ng	96
81) Benzo(a)anthracene	21.67	228	1155125	42.426	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	471001	44.107	ng	# 96
83) Chrysene	21.74	228	1097482	41.537	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	607014	43.092	ng	99
85) Di-n-octyl phthalate	22.79	149	1022635	44.396	ng	96
86) Indeno(1,2,3-cd)pyrene	28.57	276	1455172	44.240	ng	# 98
88) Benzo(b)fluoranthene	23.89	252	1231687	42.497	ng	99
89) Benzo(k)fluoranthene	23.96	252	1173111	40.915	ng	100
90) Benzo(a)pyrene	24.76	252	1144081	41.840	ng	99
91) Dibenzo(a,h)anthracene	28.63	278	1212650	43.248	ng	98
92) Benzo(g,h,i)perylene	29.72	276	1167181	42.962	ng	99

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

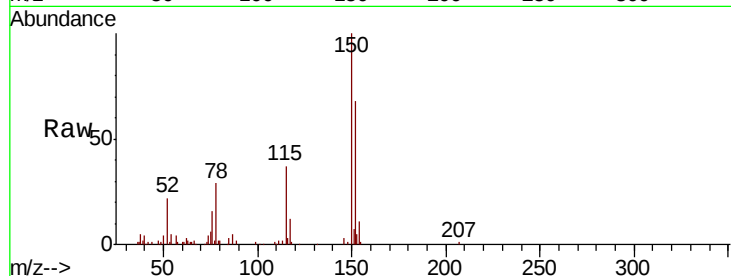


#1

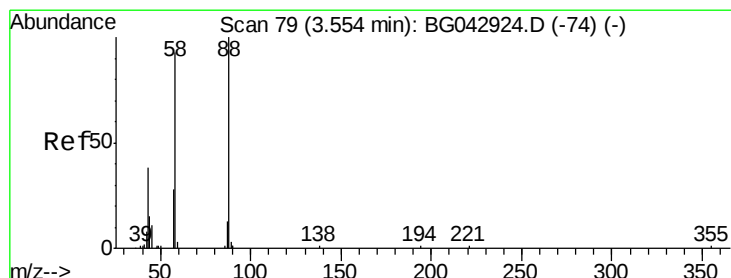
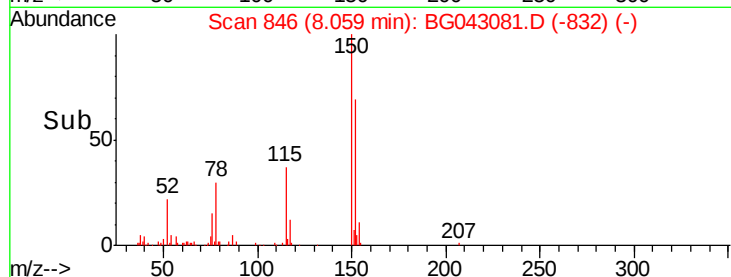
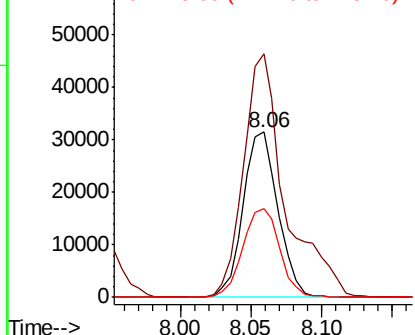
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043081.D
Acq: 7 Oct 2019 23:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:152 Resp: 54549
Ion Ratio Lower Upper
152 100
150 147.4 115.0 172.4
115 54.0 47.0 70.6



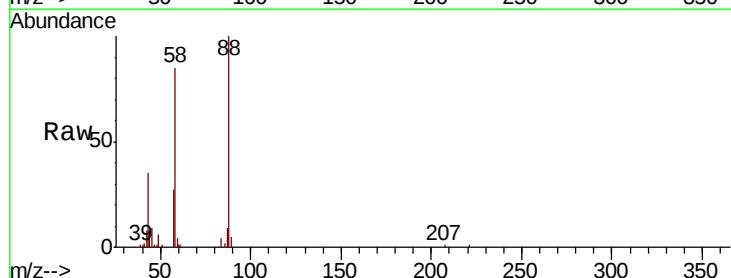
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



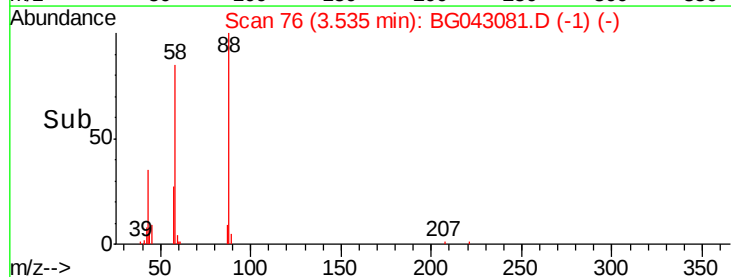
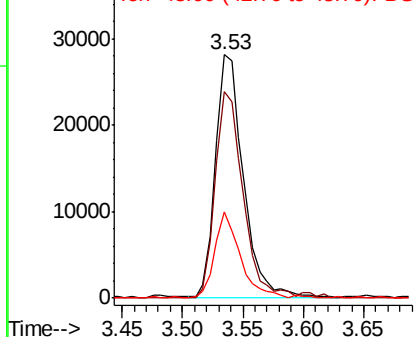
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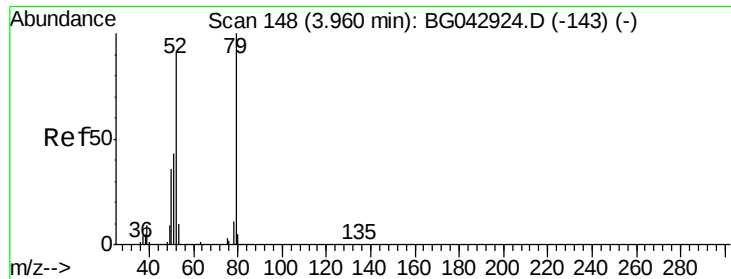
1,4-Dioxane
Concen: 35.503 ng
RT: 3.53 min Scan# 76
Delta R.T. -0.02 min
Lab File: BG043081.D
Acq: 7 Oct 2019 23:39

Tgt Ion: 88 Resp: 45245
Ion Ratio Lower Upper
88 100
58 85.1 74.3 111.5
43 32.1 29.8 44.8



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: 39.885 ng

RT: 3.93 min Scan# 144

Delta R.T. -0.03 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

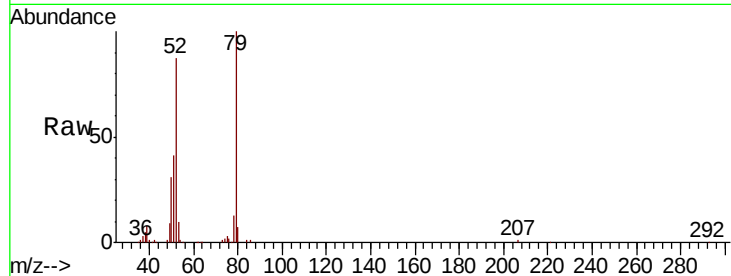
Tot Ion: 79 Resp: 142964

Ion Ratio Lower Upper

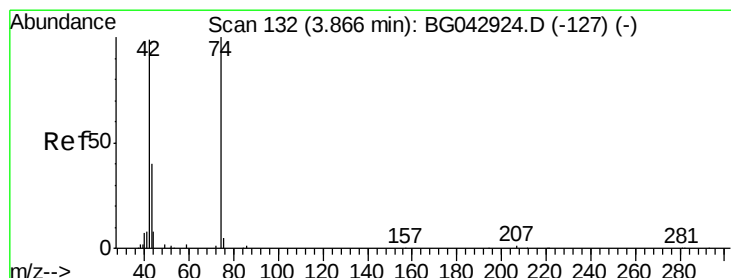
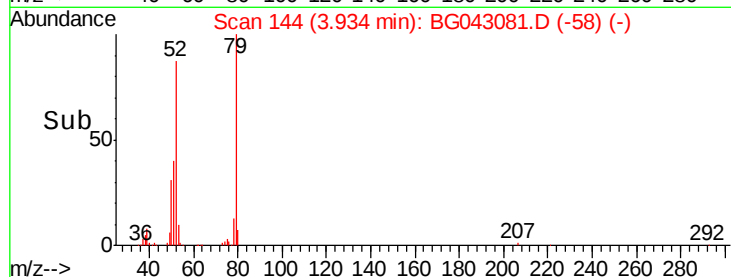
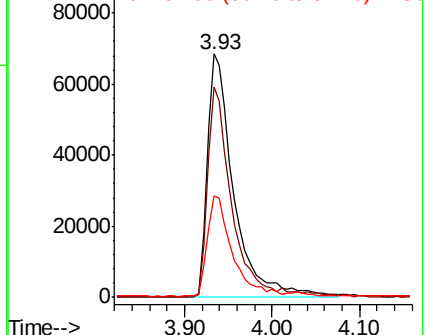
79 100

52 86.5 73.0 109.4

51 41.4 35.1 52.7



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: 38.519 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.02 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

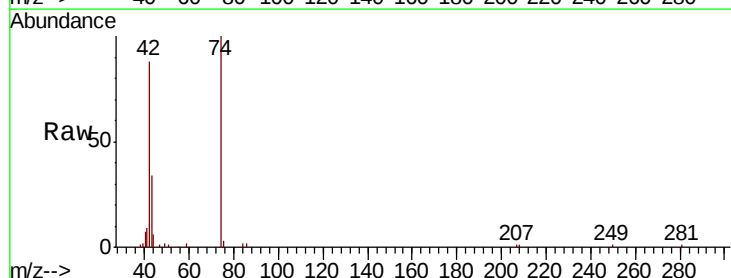
Tgt Ion: 42 Resp: 66394

Ion Ratio Lower Upper

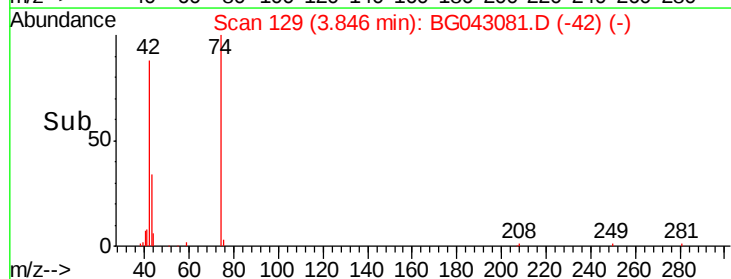
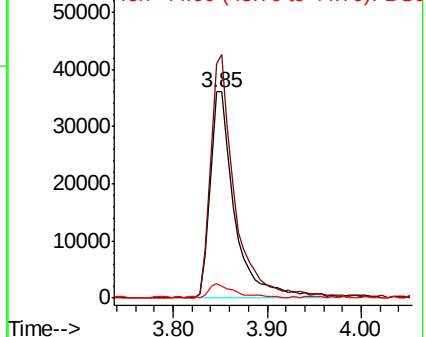
42 100

74 113.8 80.5 120.7

44 7.0 6.9 10.3



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: 81.608 ng

RT: 5.64 min Scan# 434

Delta R.T. -0.02 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

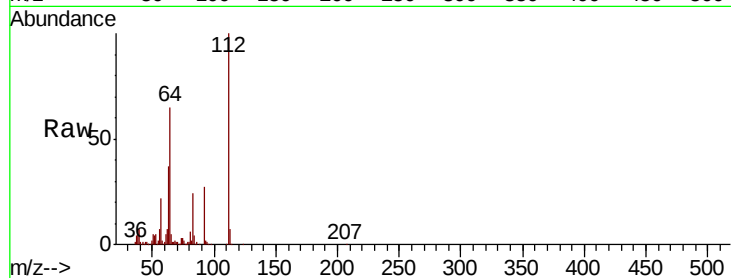
Tot Ion:112 Resp: 249444

Ion Ratio Lower Upper

112 100

64 65.3 56.6 84.8

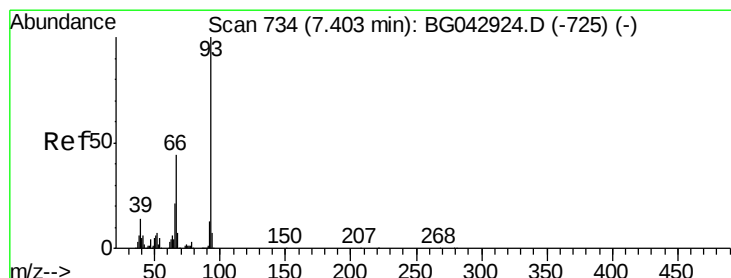
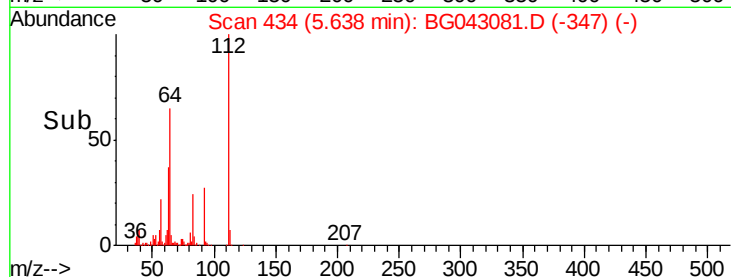
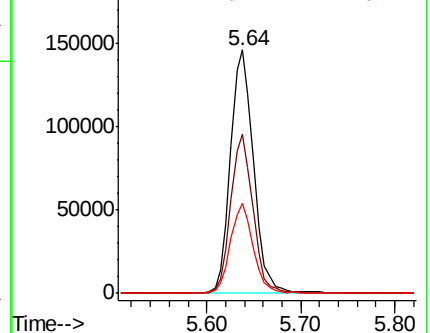
63 37.0 35.1 52.7



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: 41.667 ng

RT: 7.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

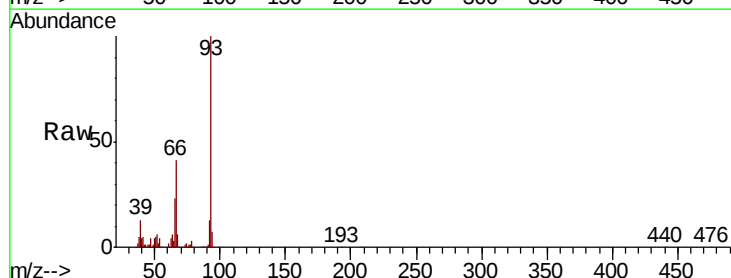
Tgt Ion: 93 Resp: 221396

Ion Ratio Lower Upper

93 100

66 40.5 35.0 52.6

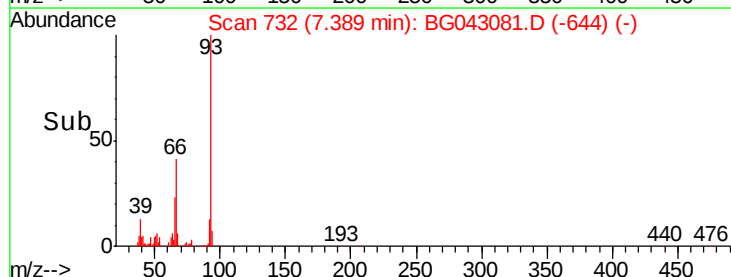
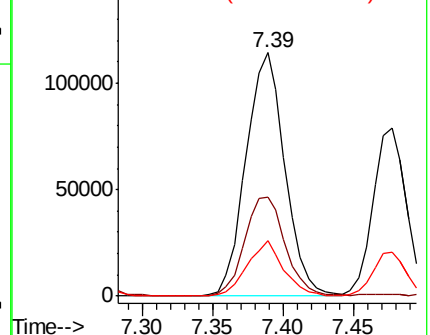
65 23.0 17.4 26.0

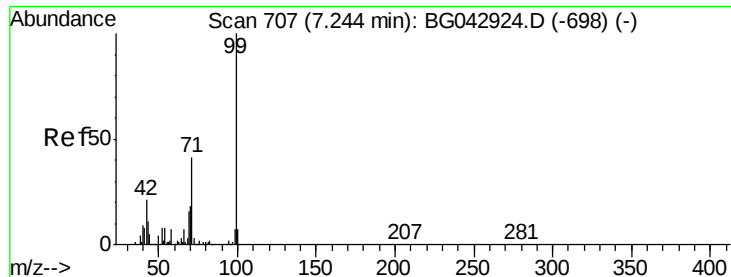


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.269 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

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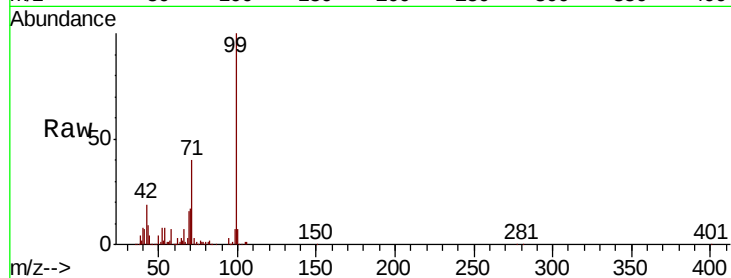
Tot Ion: 99 Resp: 375328

Ion Ratio Lower Upper

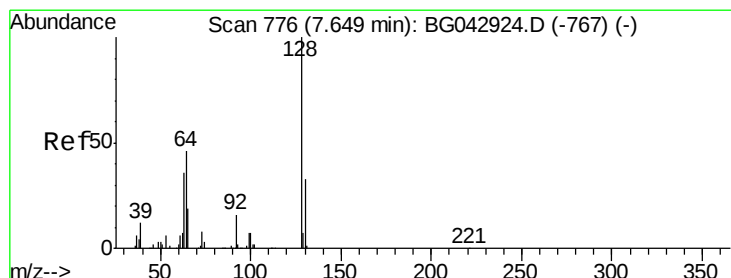
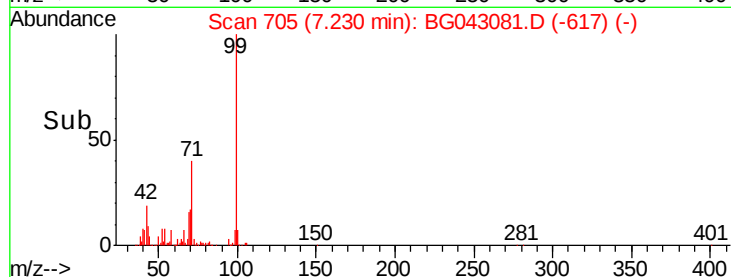
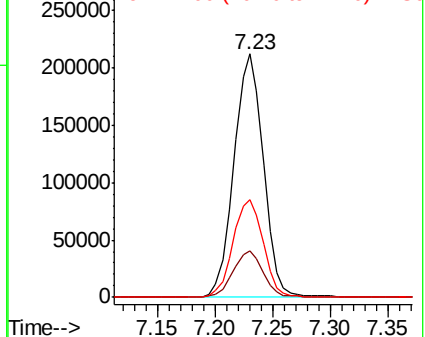
99 100

42 19.0 17.2 25.8

71 40.4 33.1 49.7



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



#8

2-Chlorophenol

Concen: 42.973 ng

RT: 7.63 min Scan# 773

Delta R.T. -0.02 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

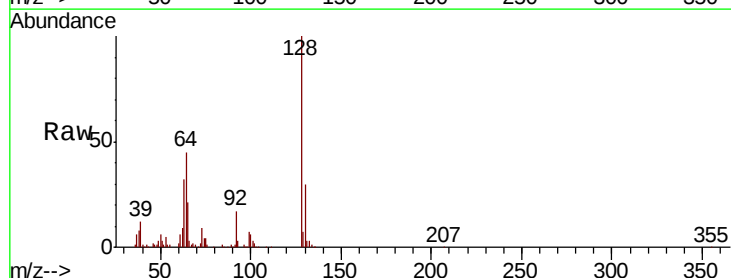
Tgt Ion: 128 Resp: 136982

Ion Ratio Lower Upper

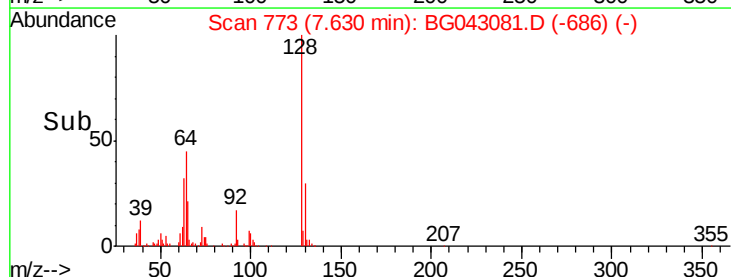
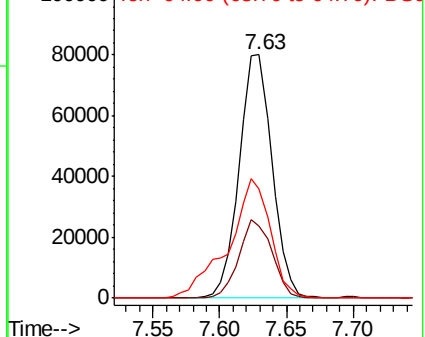
128 100

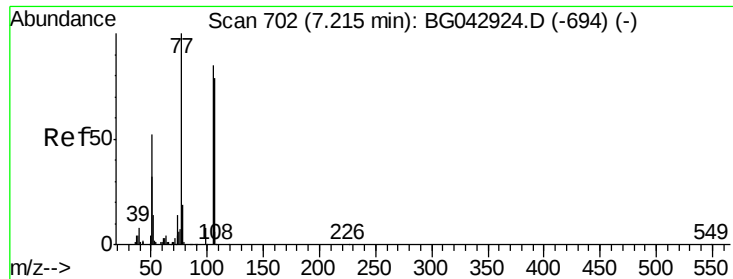
130 29.8 12.5 52.5

64 44.6 32.8 72.8



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: 33.409 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

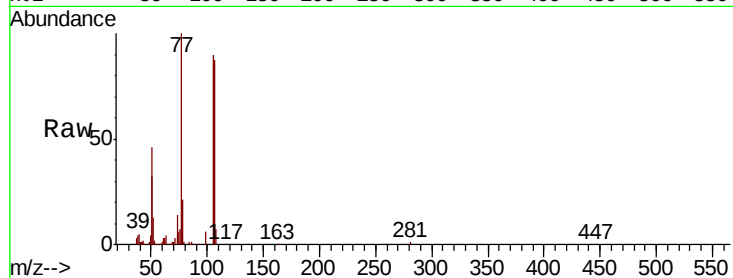
Tot Ion: 77 Resp: 89861

Ion Ratio Lower Upper

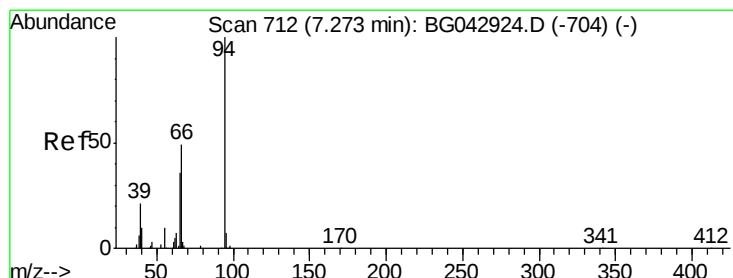
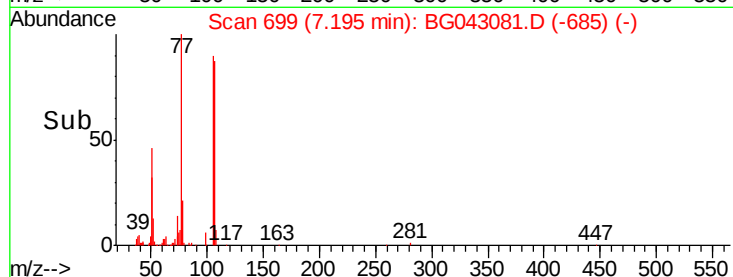
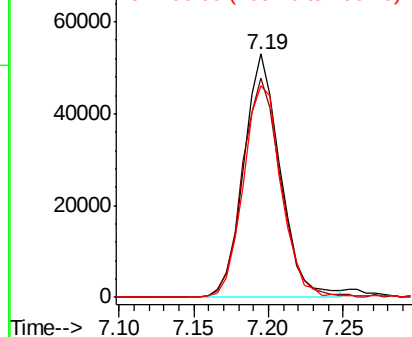
77 100

105 90.1 64.6 104.6

106 86.8 59.4 99.4



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



#10

Phenol

Concen: 42.937 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.02 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

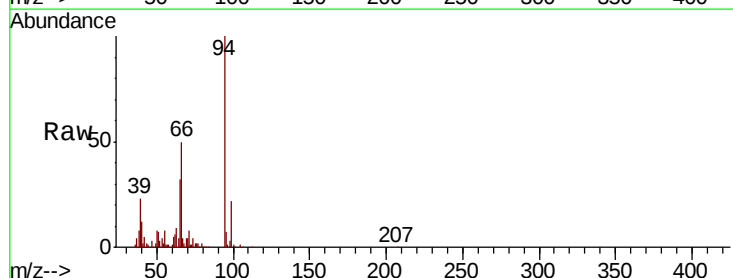
Tgt Ion: 94 Resp: 173400

Ion Ratio Lower Upper

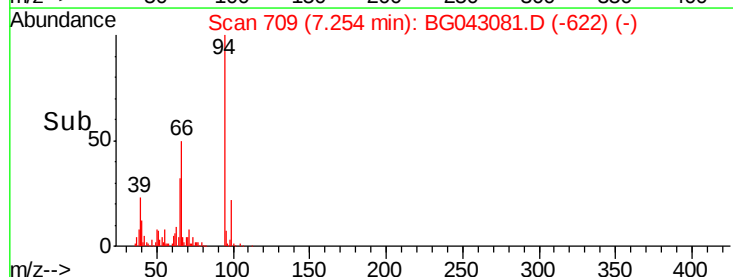
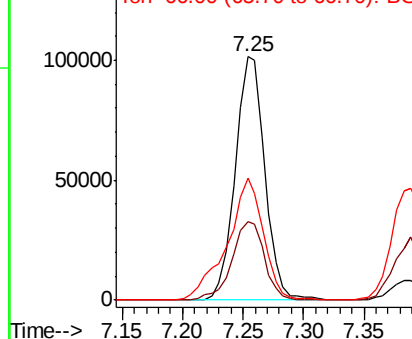
94 100

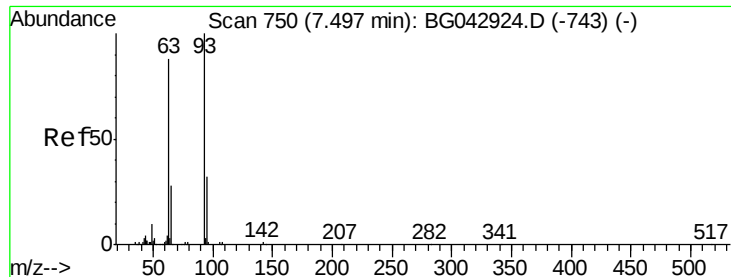
65 32.2 16.6 56.6

66 50.4 32.4 72.4



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

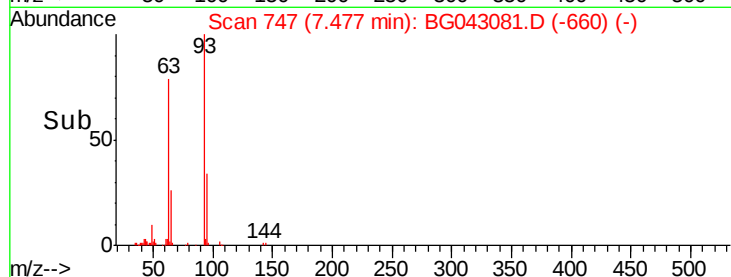
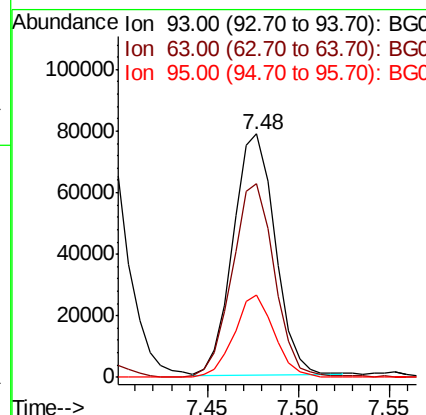
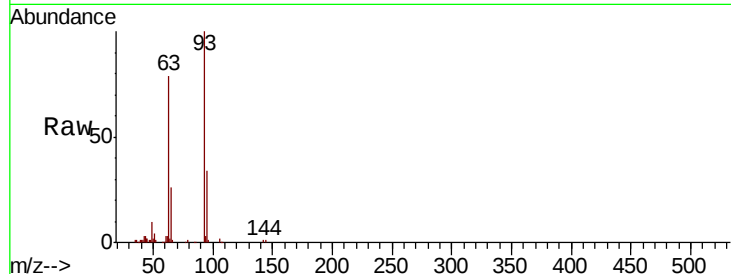




#11
bis(2-Chloroethyl)ether
Concen: 40.302 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.02 min
Lab File: BG043081.D
Acq: 7 Oct 2019 23:39

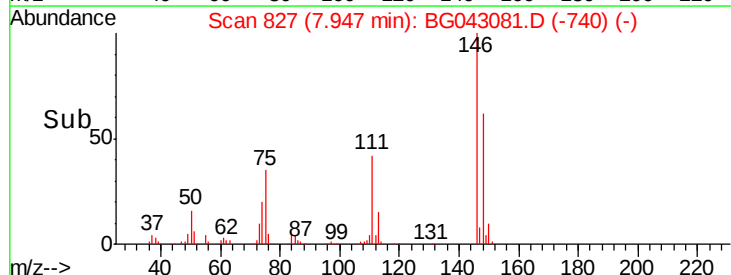
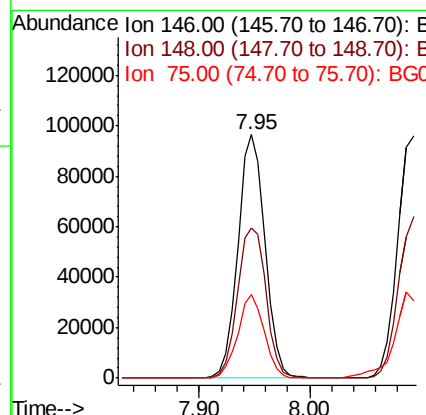
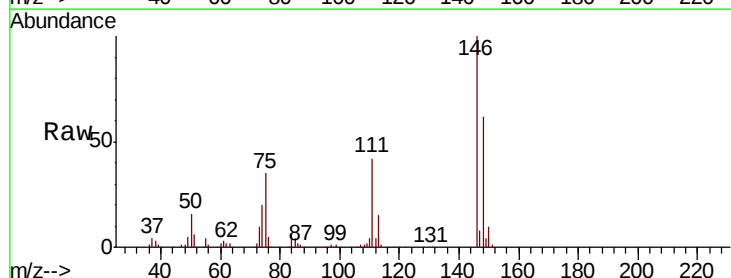
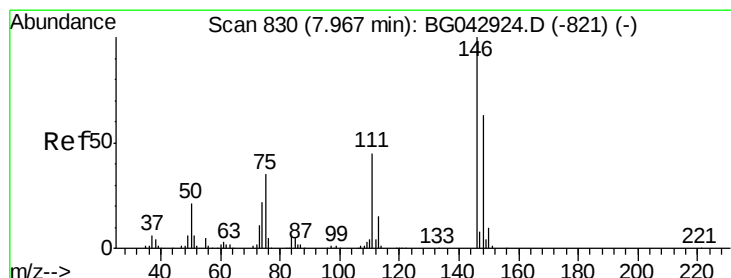
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

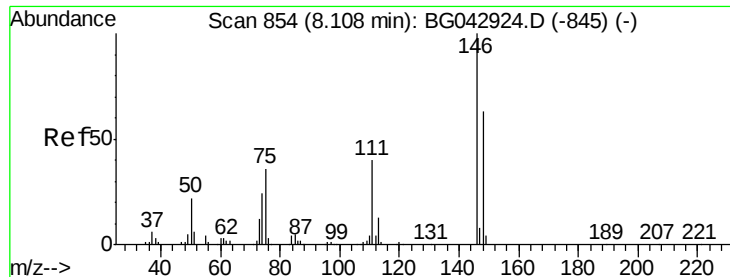
Tot Ion: 93 Resp: 125928
Ion Ratio Lower Upper
93 100
63 79.4 67.4 107.4
95 33.9 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 40.908 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG043081.D
Acq: 7 Oct 2019 23:39

Tgt Ion: 146 Resp: 166351
Ion Ratio Lower Upper
146 100
148 61.5 50.7 76.1
75 34.5 27.7 41.5

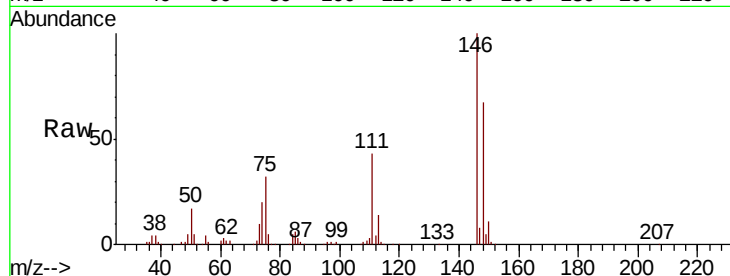




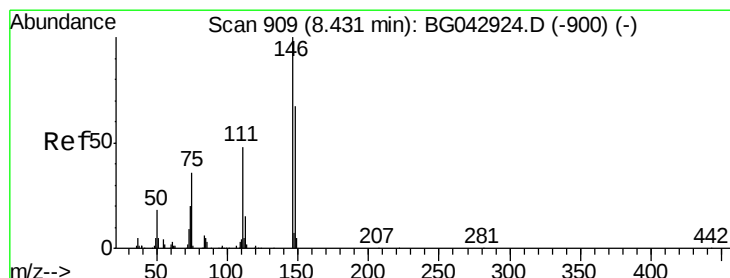
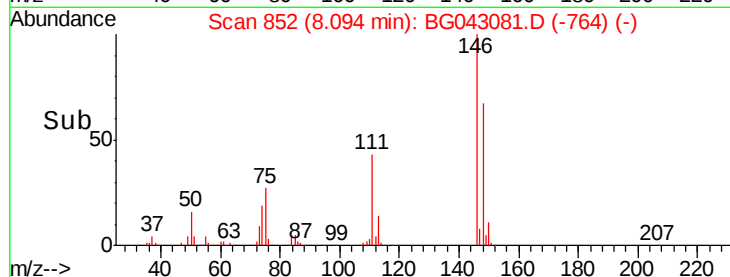
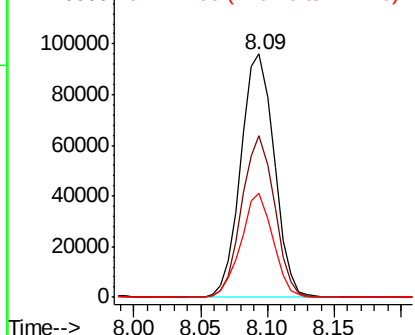
#13
 1,4-Dichlorobenzene
 Concen: 41.180 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BG043081.D
 Acq: 7 Oct 2019 23:39

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:146 Resp: 166933
 Ion Ratio Lower Upper
 146 100
 148 66.7 50.9 76.3
 111 42.9 31.8 47.8

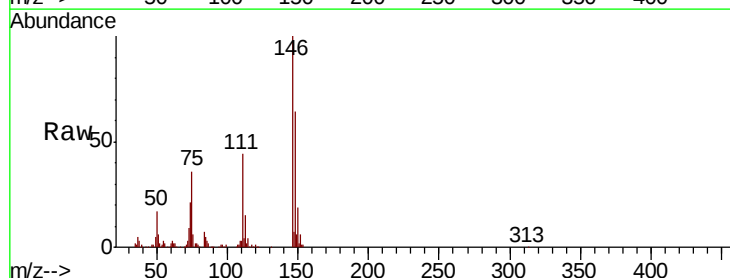


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

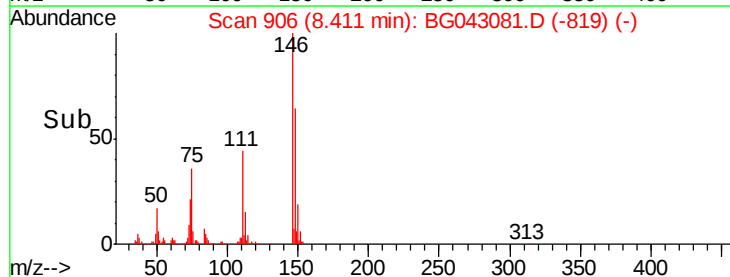
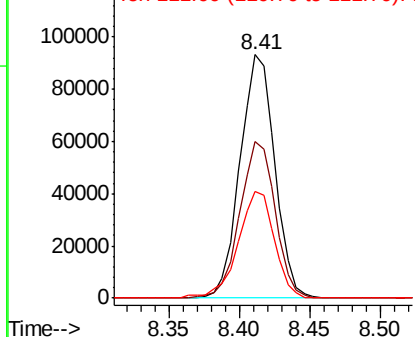


#14
 1,2-Dichlorobenzene
 Concen: 41.469 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BG043081.D
 Acq: 7 Oct 2019 23:39

Tgt Ion:146 Resp: 160044
 Ion Ratio Lower Upper
 146 100
 148 64.3 53.4 80.2
 111 43.6 38.5 57.7



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

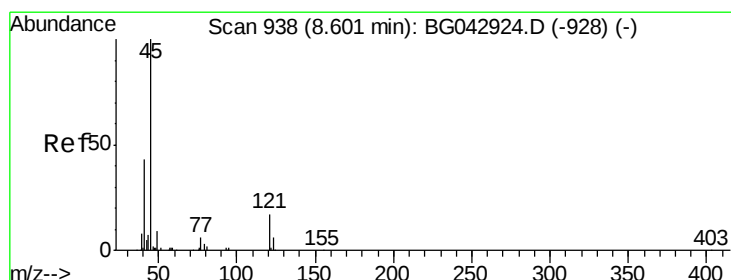
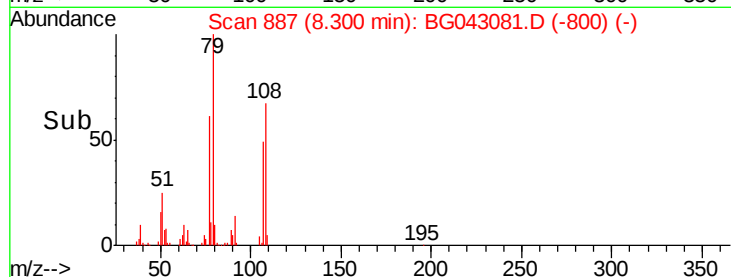
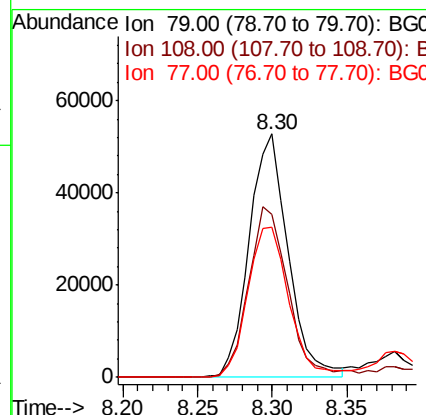
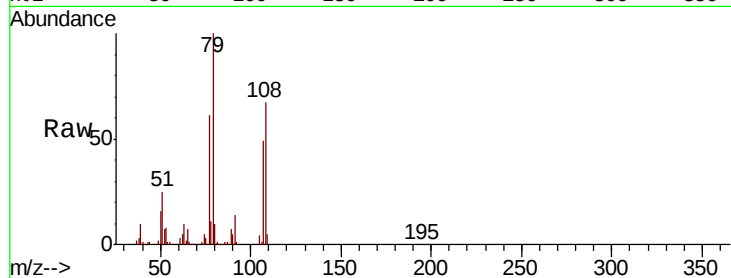




#15
Benzyl Alcohol
Concen: 28.804 ng
RT: 8.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BG043081.D
Acq: 7 Oct 2019 23:39

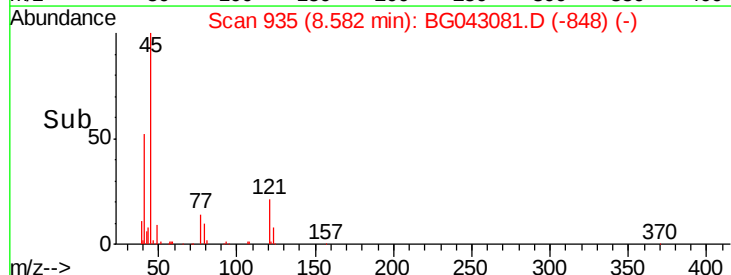
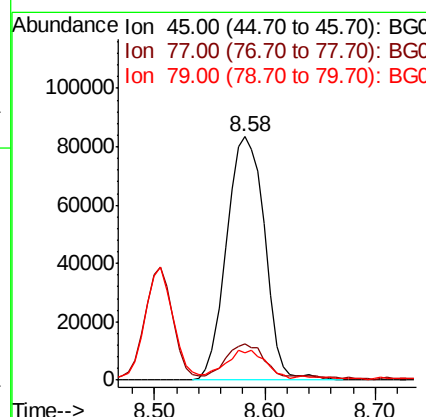
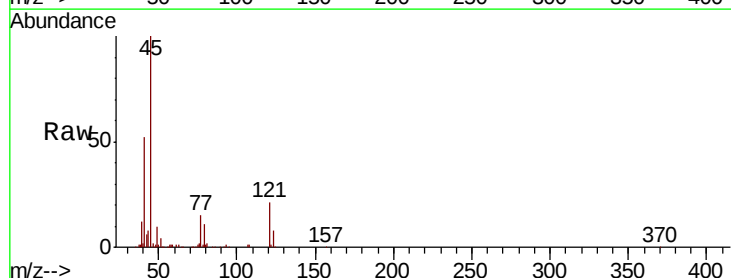
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

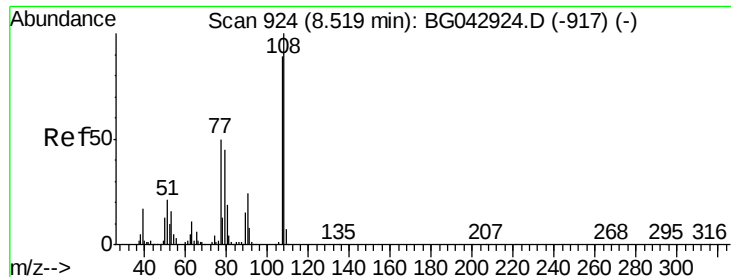
Tot Ion	Ratio	Lower	Upper
79	100		
108	67.2	55.7	83.5
77	61.5	53.3	79.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.585 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG043081.D
Acq: 7 Oct 2019 23:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	32.8
79	11.3	0.0	29.4





#17

2-Methylphenol

Concen: 44.602 ng

RT: 8.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 126034

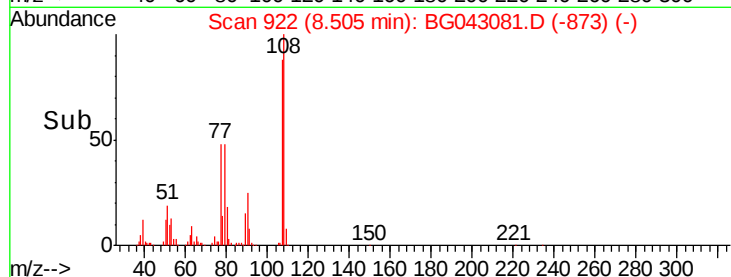
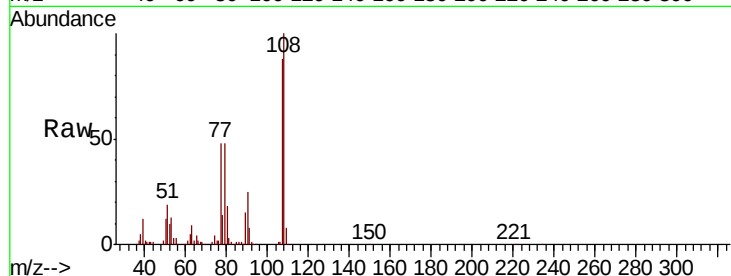
Ion Ratio Lower Upper

107 100

108 113.3 89.9 134.9

77 54.4 45.4 68.2

79 54.7 41.4 62.0

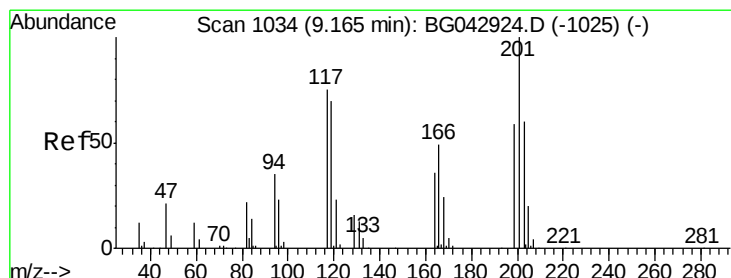
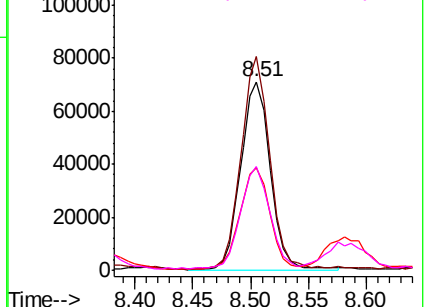


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.101 ng

RT: 9.14 min Scan# 1030

Delta R.T. -0.03 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

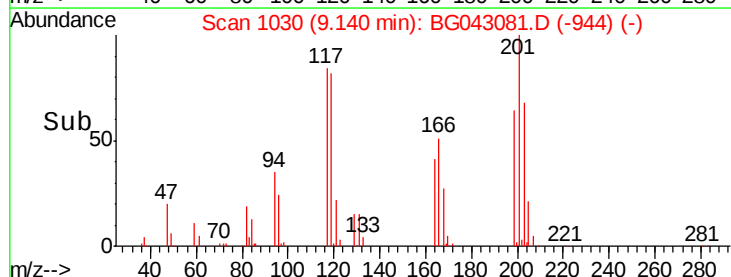
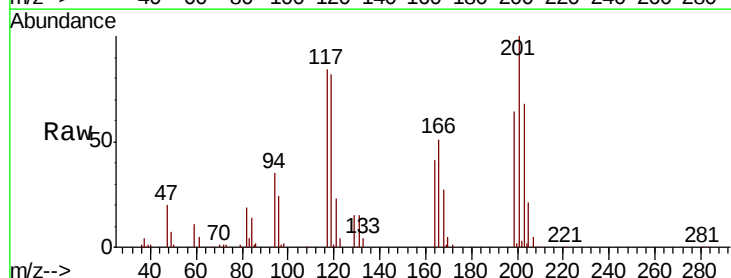
Tgt Ion:117 Resp: 61222

Ion Ratio Lower Upper

117 100

119 97.7 74.6 111.8

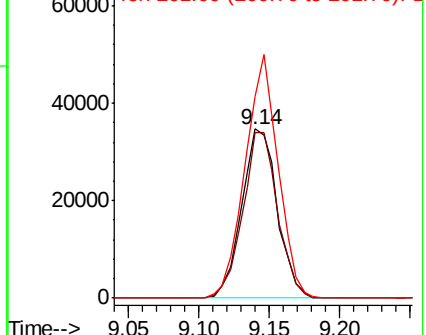
201 118.8 106.0 159.0

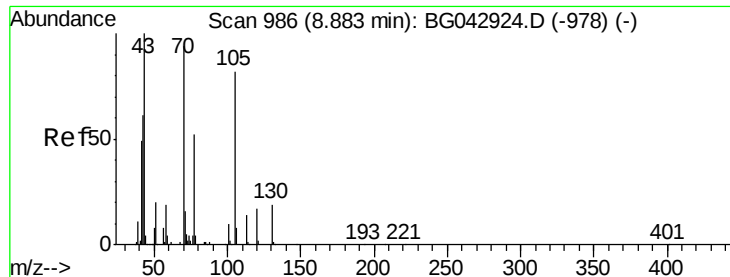


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

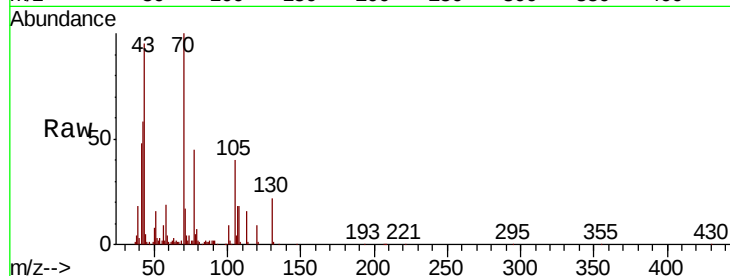




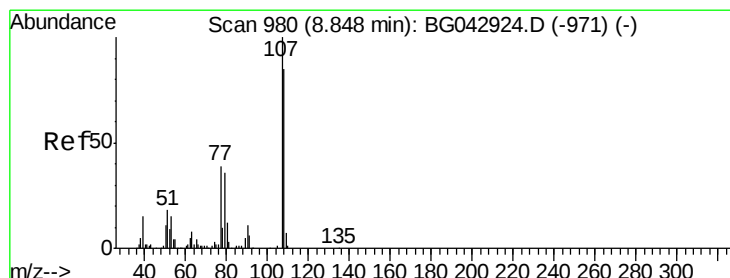
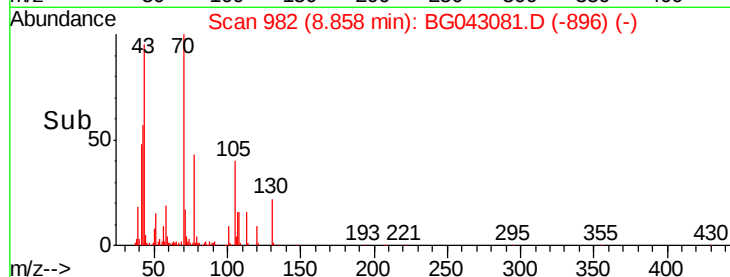
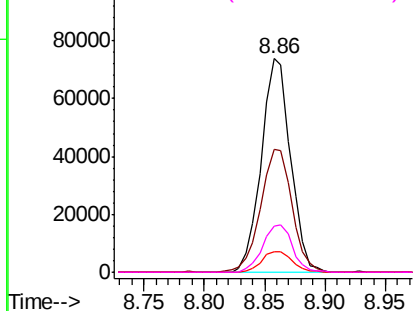
#19
n-Nitroso-di-n-propylamine
Concen: 42.758 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.03 min
Lab File: BG043081.D
Acq: 7 Oct 2019 23:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion: 70 Resp: 123583
Ion Ratio Lower Upper
70 100
42 57.6 52.6 79.0
101 9.4 8.7 13.1
130 21.6 15.8 23.8

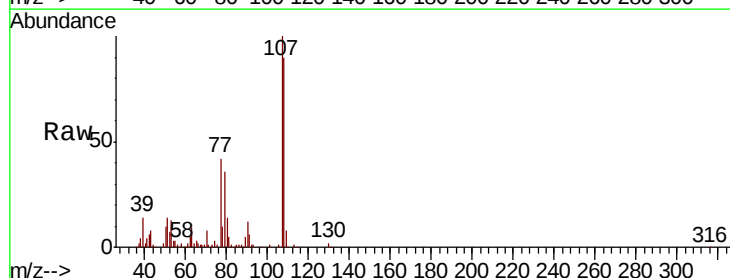


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

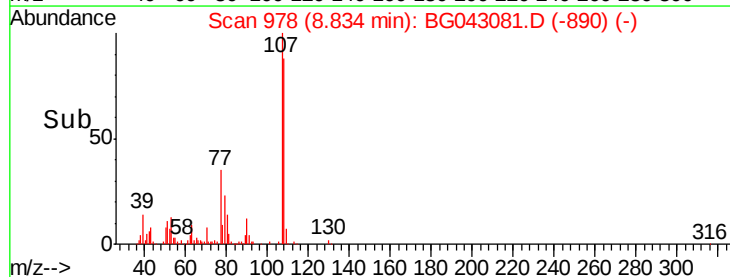
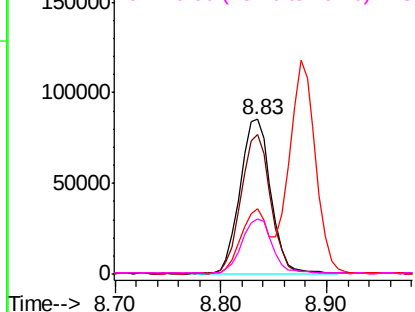


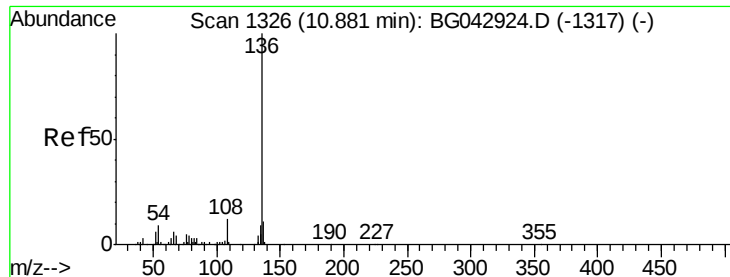
#20
3+4-Methylphenols
Concen: 44.795 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG043081.D
Acq: 7 Oct 2019 23:39

Tgt Ion: 107 Resp: 173463
Ion Ratio Lower Upper
107 100
108 90.4 64.9 104.9
77 42.3 19.4 59.4
79 35.9 16.2 56.2



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: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 233825

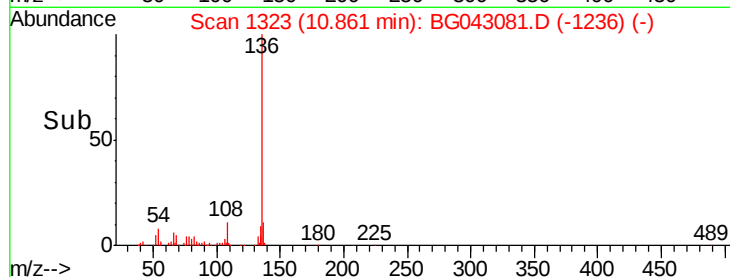
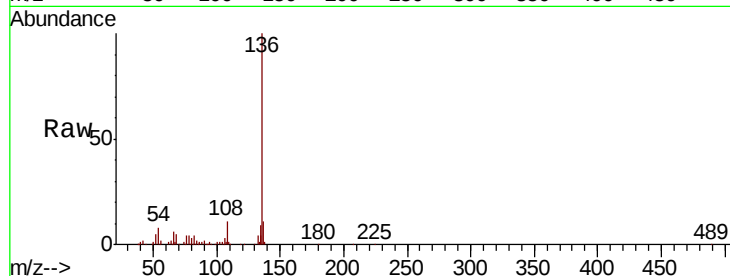
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.7 7.4 11.2

68 5.4 3.6 5.4



Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG

Time-->

10.86

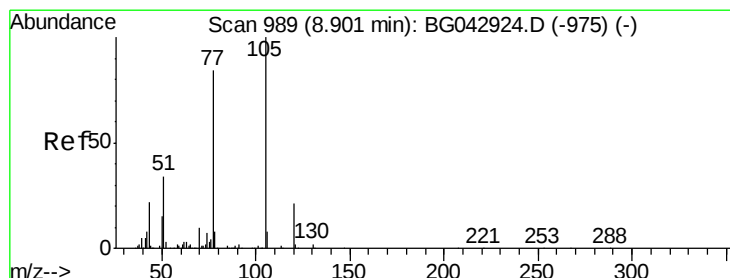
150000

100000

50000

0

10.80 10.90 11.00



#22

Acetophenone

Concen: 41.488 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.03 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

Tgt Ion:105 Resp: 250061

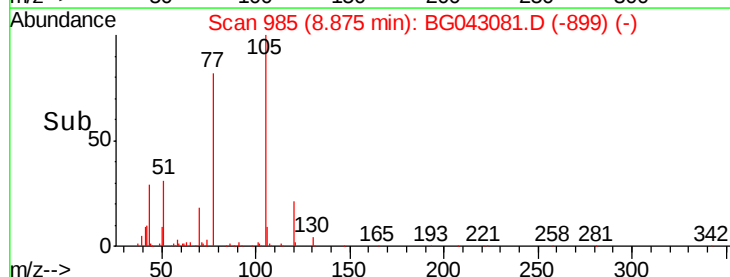
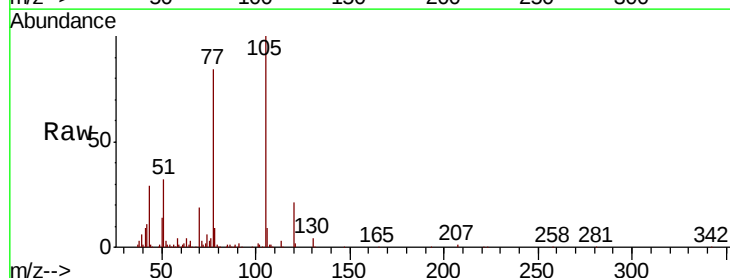
Ion Ratio Lower Upper

105 100

71 2.8 1.2 1.8#

51 31.6 27.2 40.8

120 20.9 16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

Time-->

8.88

150000

100000

50000

0

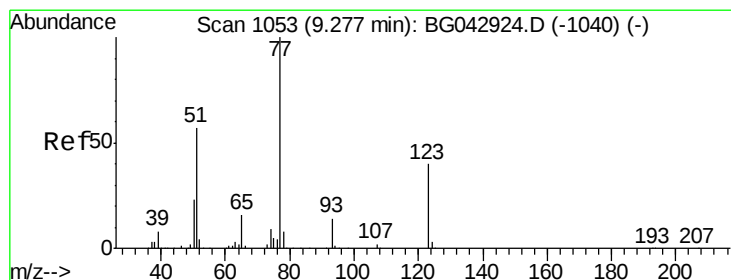
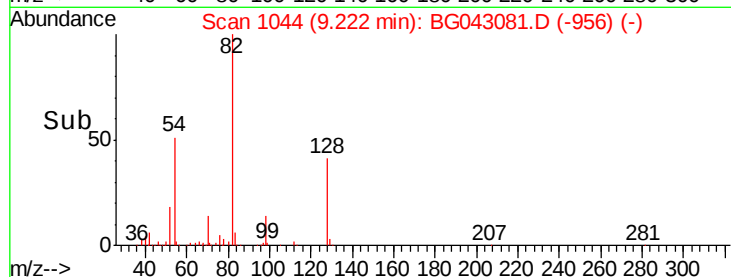
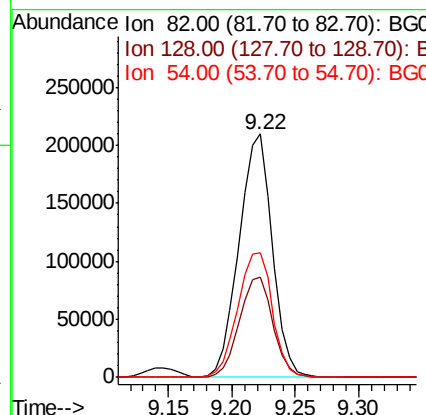
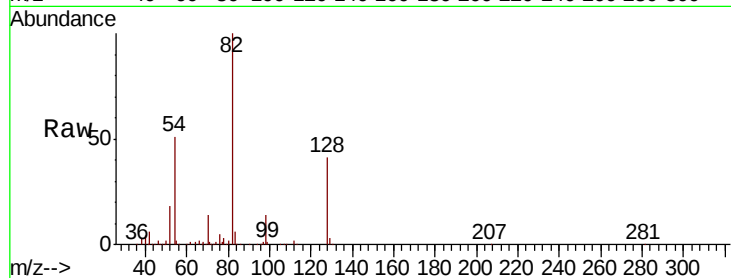
8.80 8.90 9.00



#23
 Nitrobenzene-d5
 Concen: 79.221 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG043081.D
 Acq: 7 Oct 2019 23:39

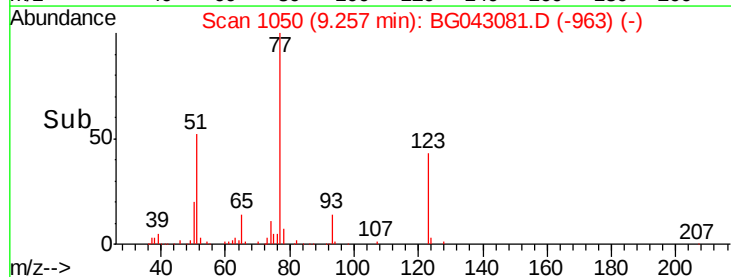
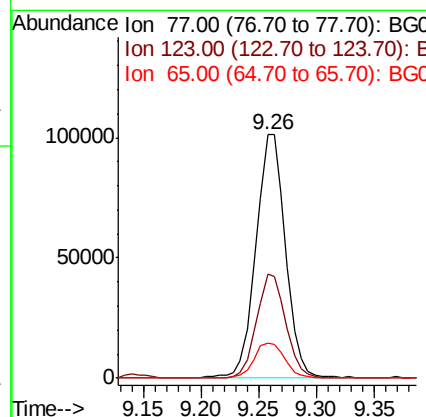
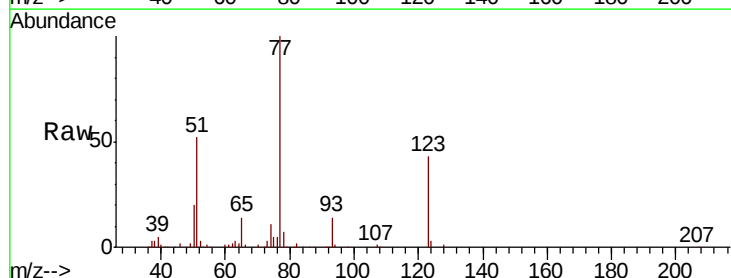
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

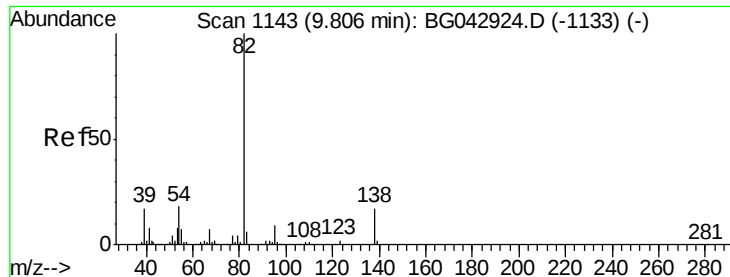
Tot Ion	82	Resp	381107
Ion Ratio	Lower	Upper	
82	100		
128	41.3	29.5	44.3
54	51.0	44.6	67.0



#24
 Nitrobenzene
 Concen: 39.356 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. -0.02 min
 Lab File: BG043081.D
 Acq: 7 Oct 2019 23:39

Tgt Ion	77	Resp	180590
Ion Ratio	Lower	Upper	
77	100		
123	42.7	31.9	47.9
65	14.4	12.4	18.6





#25

Isophorone

Concen: 40.963 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.03 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

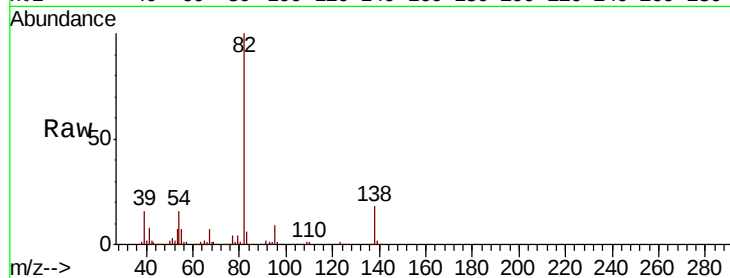
Tot Ion: 82 Resp: 346147

Ion Ratio Lower Upper

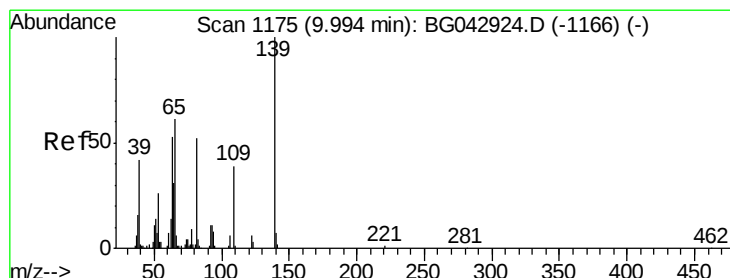
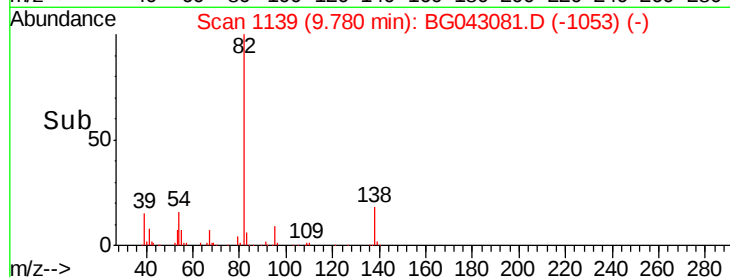
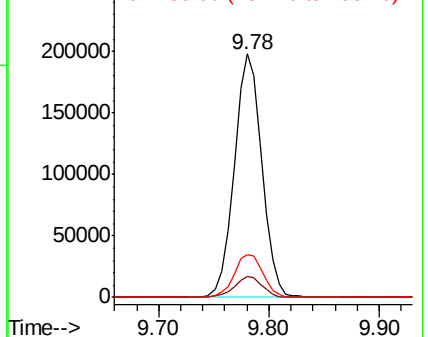
82 100

95 8.7 7.0 10.4

138 17.6 13.8 20.6



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: 46.045 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

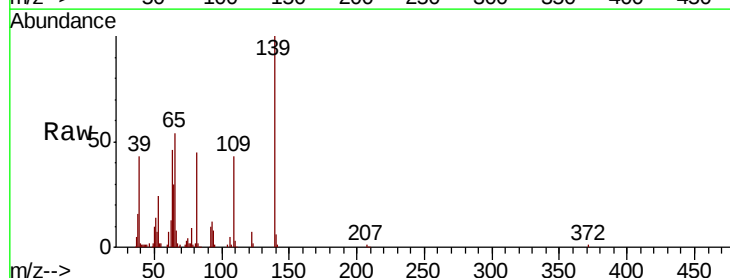
Tgt Ion: 139 Resp: 89944

Ion Ratio Lower Upper

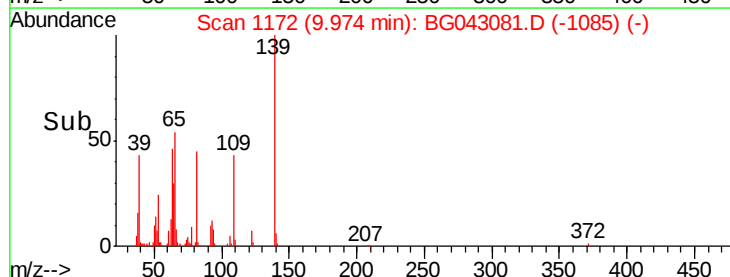
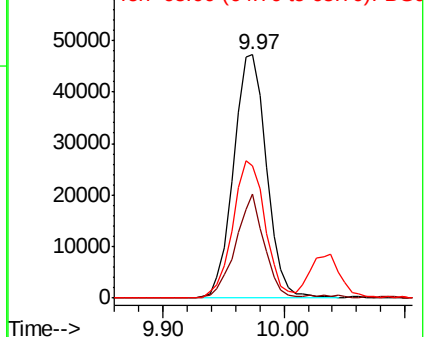
139 100

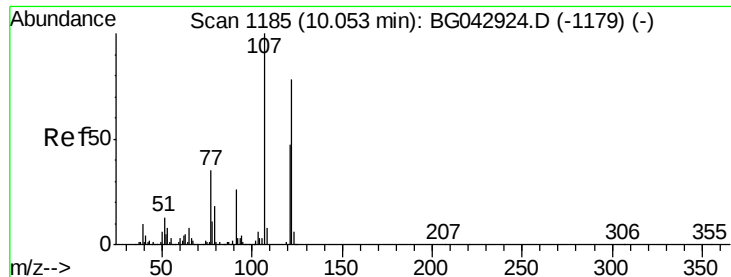
109 42.8 31.0 46.6

65 54.2 48.4 72.6



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

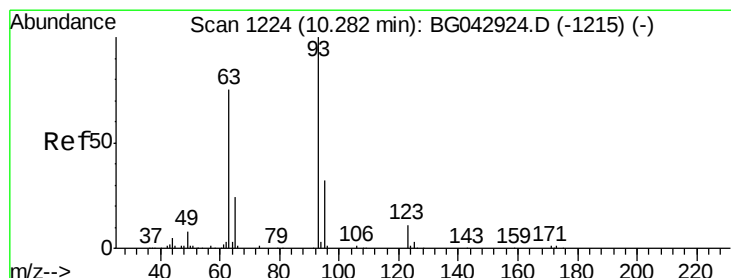
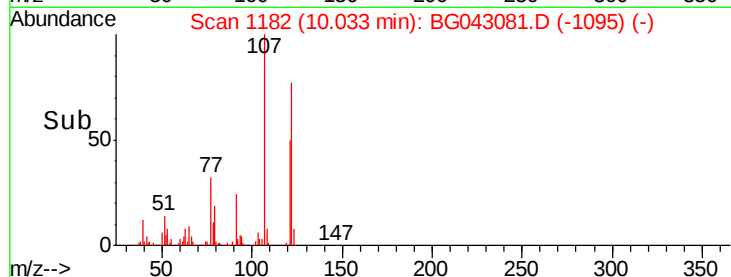
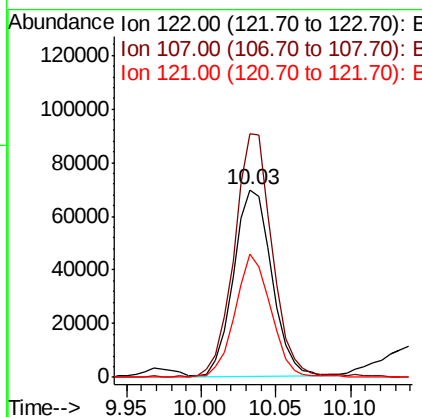
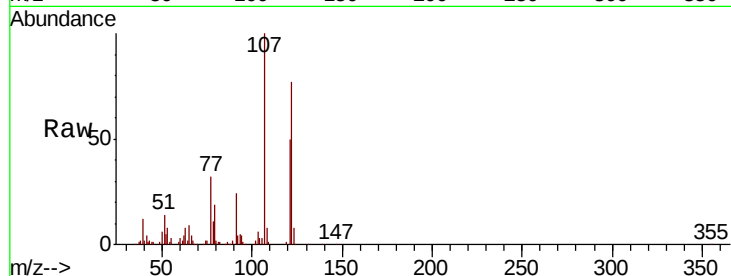




#27
2,4-Dimethylphenol
Concen: 41.431 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.02 min
Lab File: BG043081.D
Acq: 7 Oct 2019 23:39

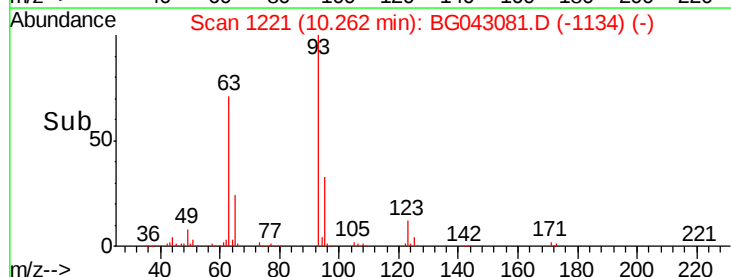
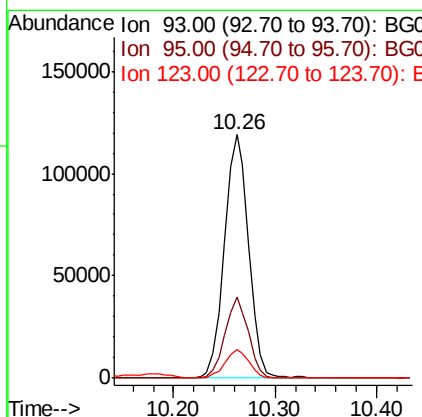
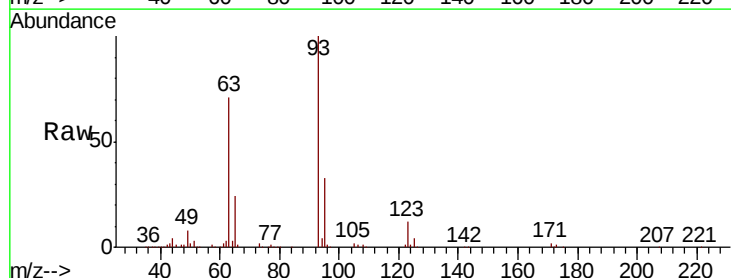
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

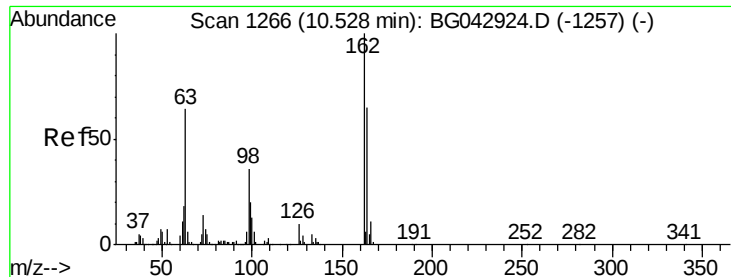
Tot Ion:122 Resp: 124288
Ion Ratio Lower Upper
122 100
107 130.0 102.2 153.2
121 65.5 48.5 72.7



#28
bis(2-Chloroethoxy)methane
Concen: 40.826 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BG043081.D
Acq: 7 Oct 2019 23:39

Tgt Ion: 93 Resp: 195736
Ion Ratio Lower Upper
93 100
95 33.2 25.4 38.0
123 11.7 9.3 13.9

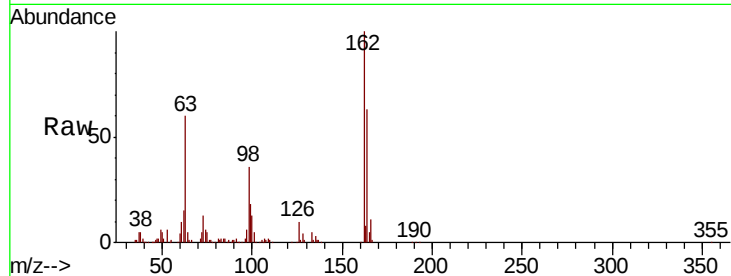




#29
 2,4-Dichlorophenol
 Concen: 43.920 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.02 min
 Lab File: BG043081.D
 Acq: 7 Oct 2019 23:39

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.7	84.7
98	35.6	16.0	56.0

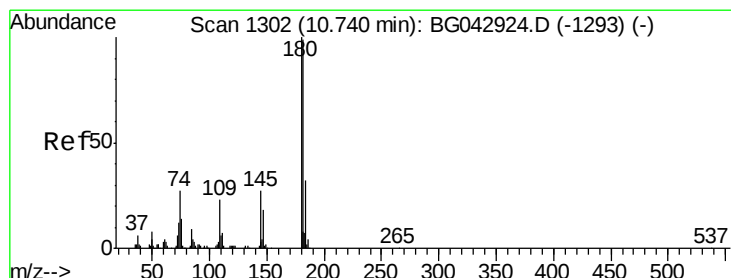
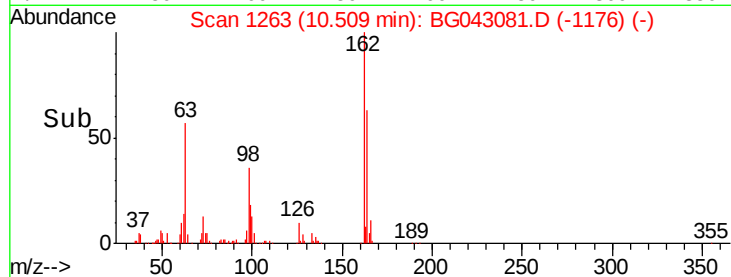
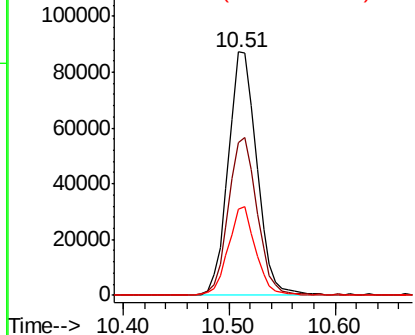


Abundance

Ion 162.00 (161.70 to 162.70): E

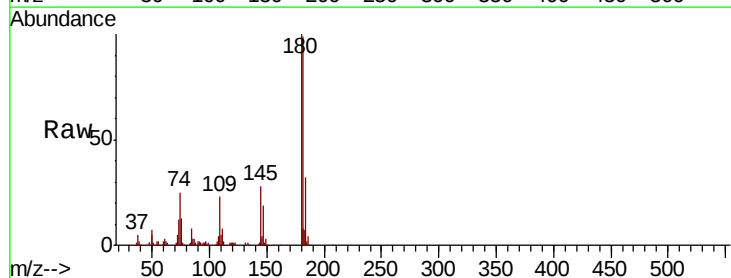
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 41.023 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BG043081.D
 Acq: 7 Oct 2019 23:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.2	79.3	118.9
145	27.9	22.0	33.0

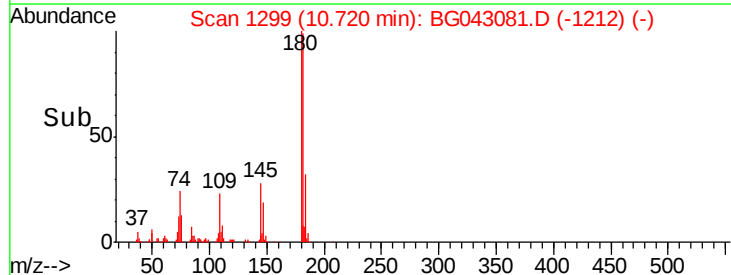
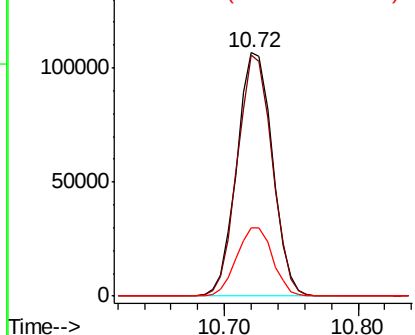


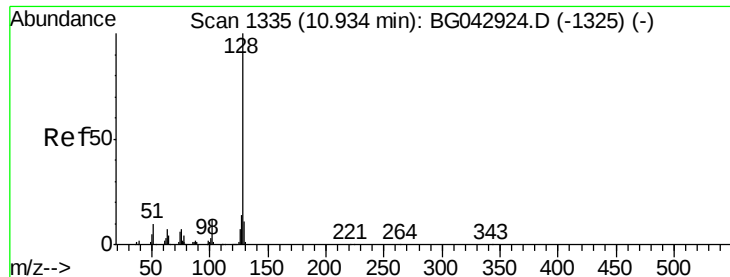
Abundance

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

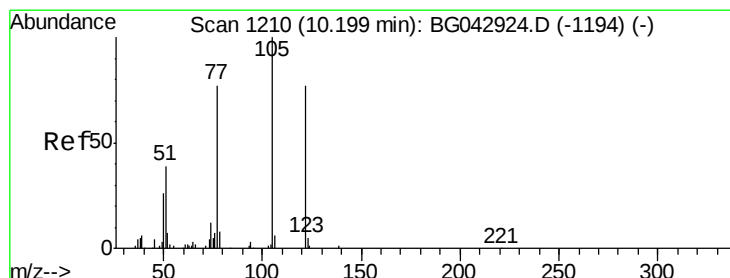
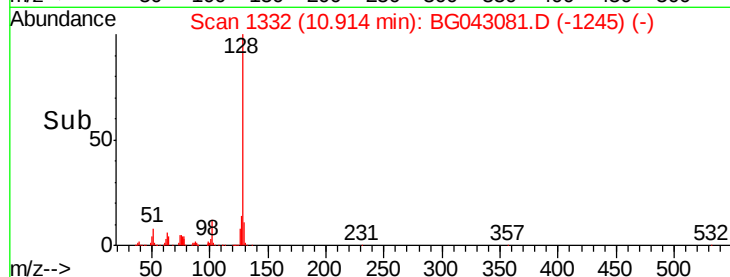
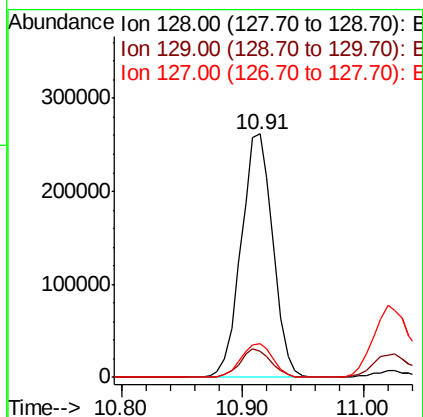
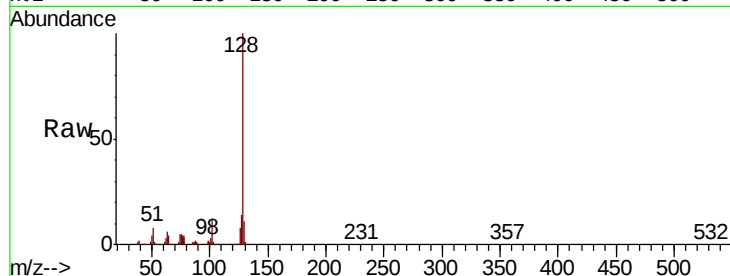




#31
Naphthalene
Concen: 41.625 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG043081.D
Acq: 7 Oct 2019 23:39

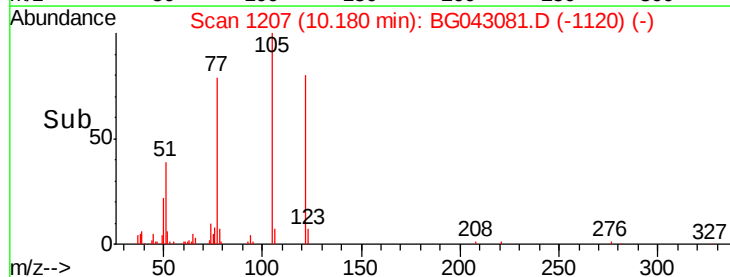
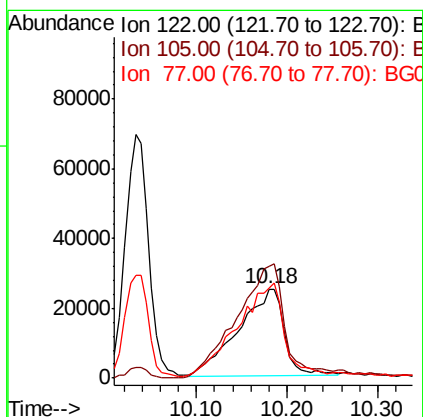
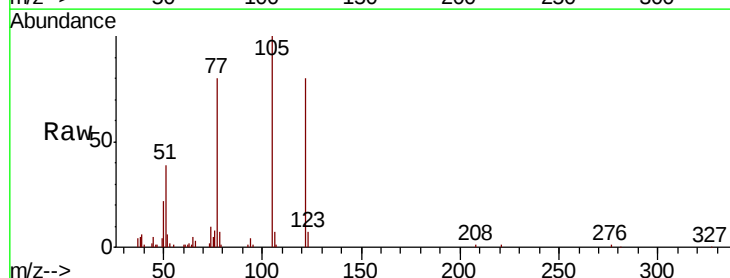
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:128 Resp: 479114
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 14.0 11.3 16.9



#32
Benzoic acid
Concen: 39.131 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BG043081.D
Acq: 7 Oct 2019 23:39

Tgt Ion:122 Resp: 87617
Ion Ratio Lower Upper
122 100
105 125.6 107.5 147.5
77 100.7 79.8 119.8

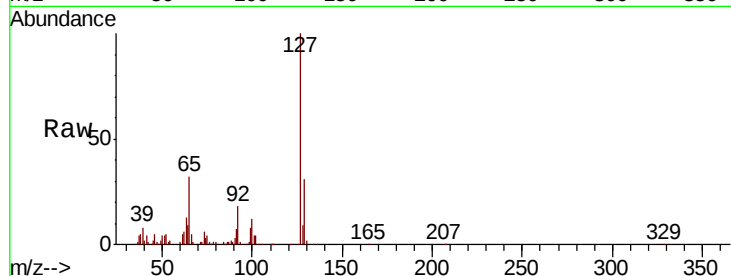




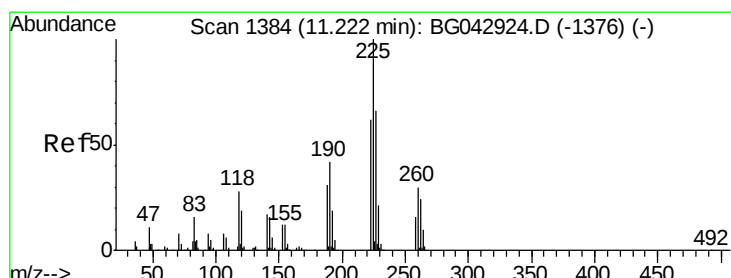
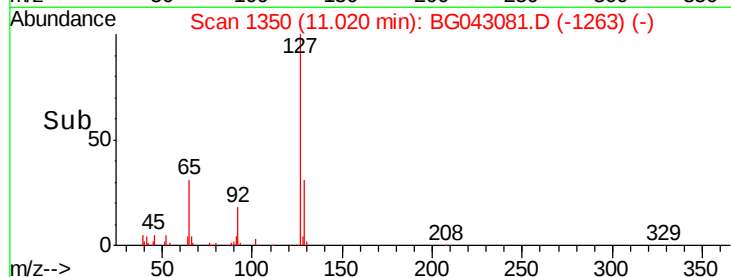
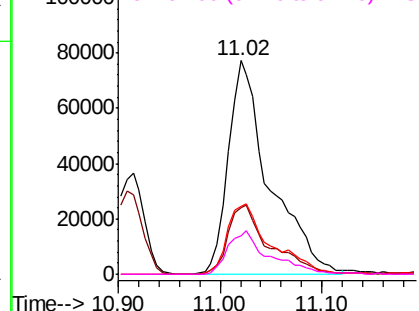
#33
4-Chloroaniline
Concen: 43.790 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG043081.D
Acq: 7 Oct 2019 23:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:	127	Resp:	218714
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.2	39.2
65	31.9	30.6	45.8
92	18.0	16.2	24.4

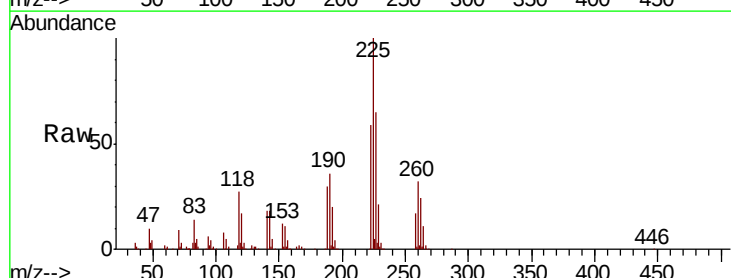


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

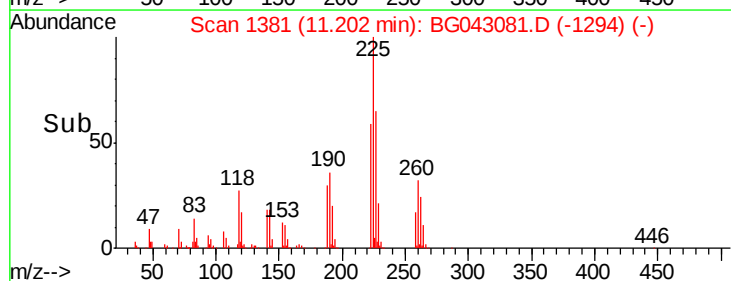
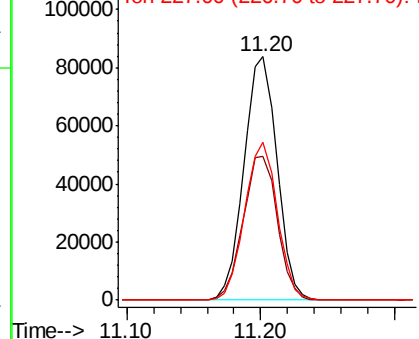


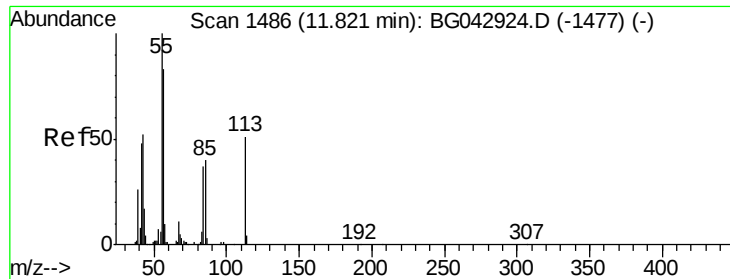
#34
Hexachlorobutadiene
Concen: 39.589 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BG043081.D
Acq: 7 Oct 2019 23:39

Tgt Ion:	225	Resp:	142818
Ion	Ratio	Lower	Upper
225	100		
223	59.1	49.3	73.9
227	65.0	52.8	79.2



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

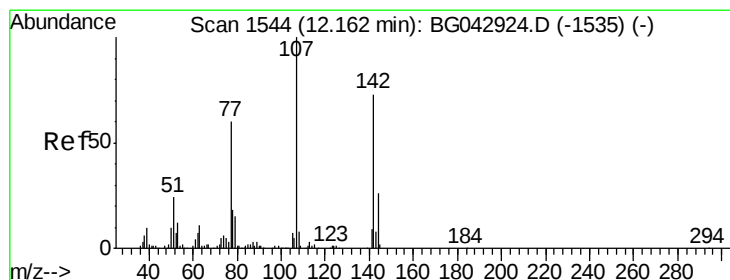
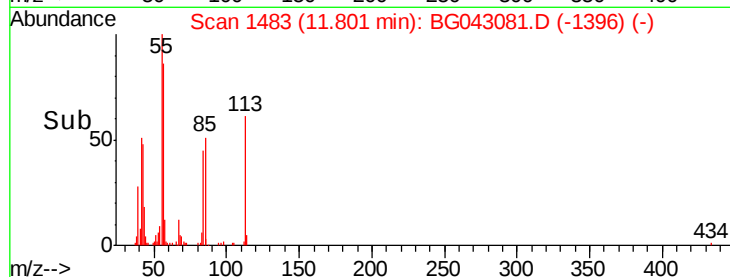
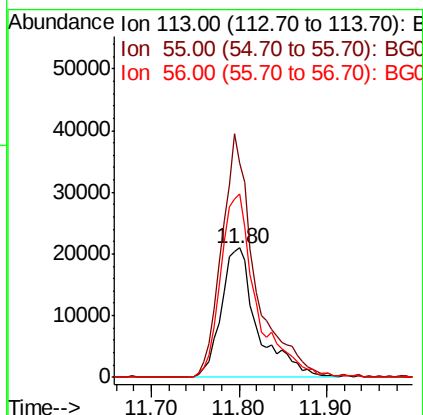
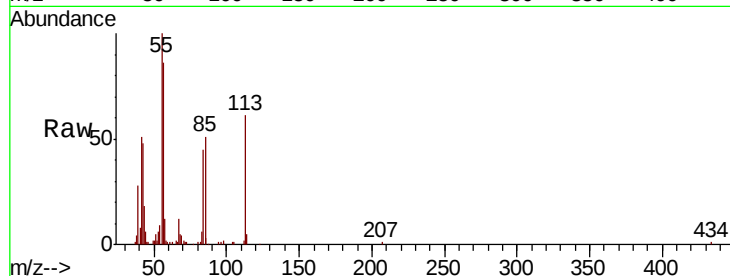




#35
Caprolactam
Concen: 45.744 ng
RT: 11.80 min Scan# 1483
Delta R.T. -0.02 min
Lab File: BG043081.D
Acq: 7 Oct 2019 23:39

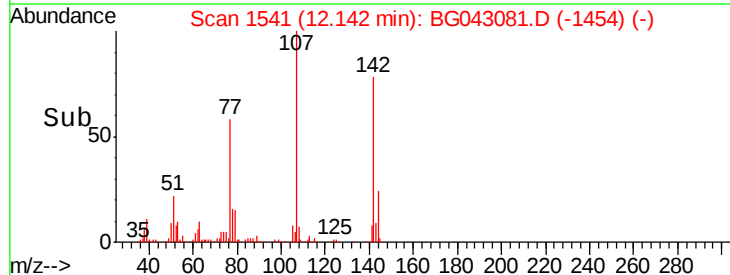
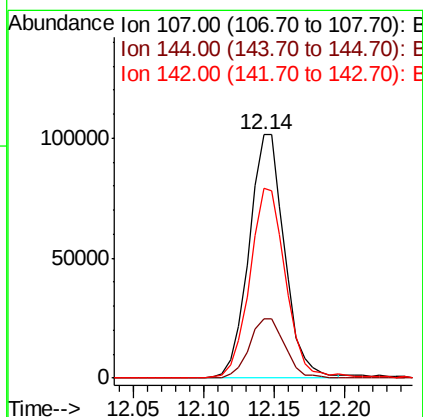
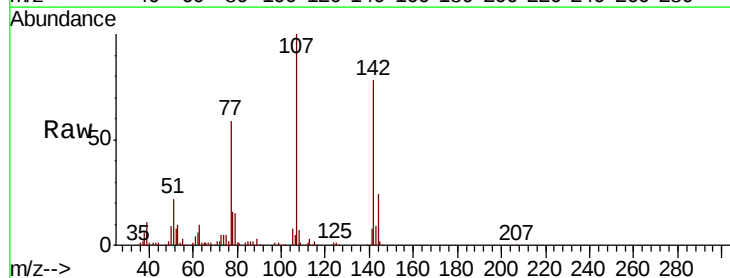
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:113 Resp: 60186
Ion Ratio Lower Upper
113 100
55 165.1 175.5 215.5#
56 141.8 142.3 182.3#



#36
4-Chloro-3-methylphenol
Concen: 44.223 ng
RT: 12.14 min Scan# 1541
Delta R.T. -0.02 min
Lab File: BG043081.D
Acq: 7 Oct 2019 23:39

Tgt Ion:107 Resp: 179393
Ion Ratio Lower Upper
107 100
144 24.4 20.7 31.1
142 77.9 58.6 87.8

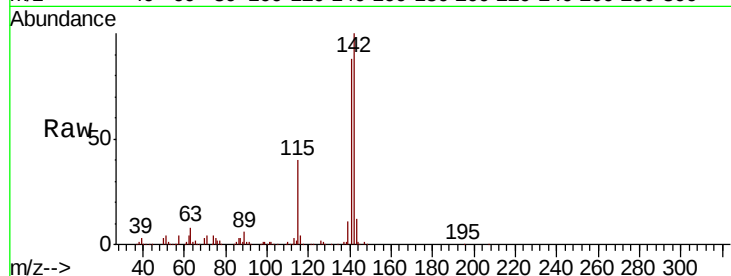




#37
2-Methylnaphthalene
Concen: 42.890 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BG043081.D
Acq: 7 Oct 2019 23:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	69.0	103.4
115	40.3	32.8	49.2

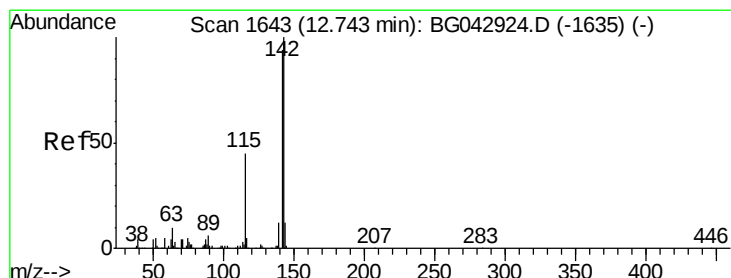
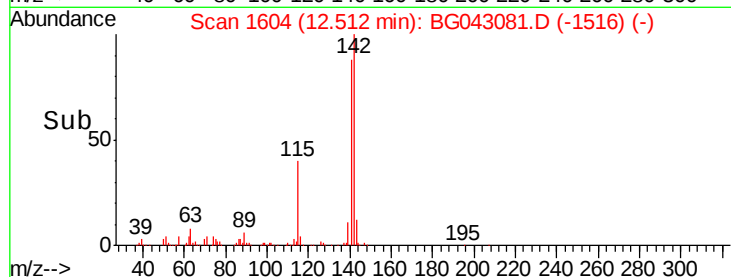
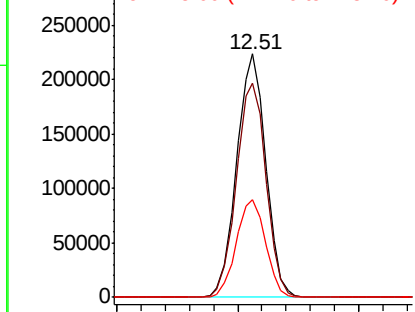


Abundance

Ion 142.00 (141.70 to 142.70): E

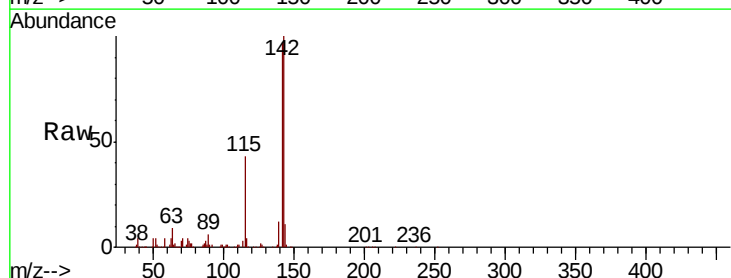
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 43.009 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG043081.D
Acq: 7 Oct 2019 23:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.9	74.9	112.3
116	4.4	3.7	5.5

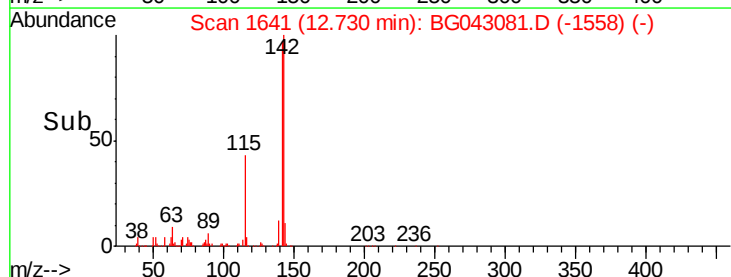
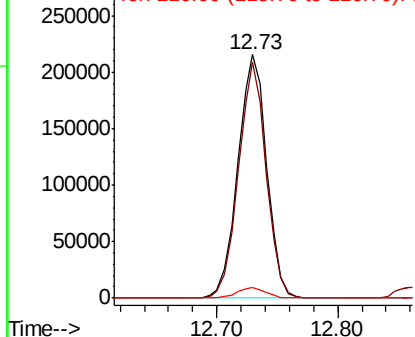


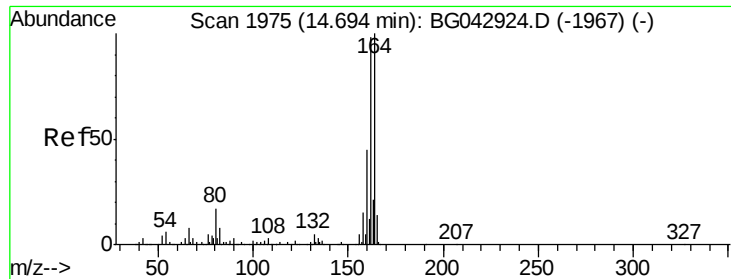
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

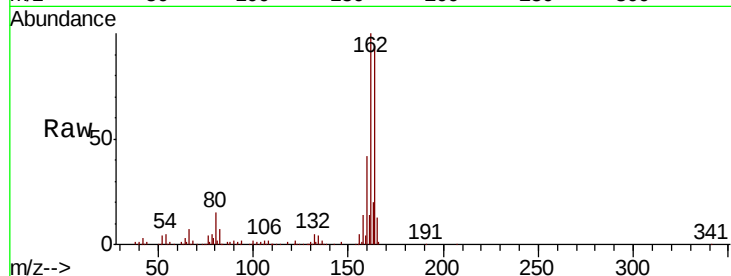
Tot Ion:164 Resp: 176637

Ion Ratio Lower Upper

164 100

162 106.3 78.5 117.7

160 44.2 35.9 53.9

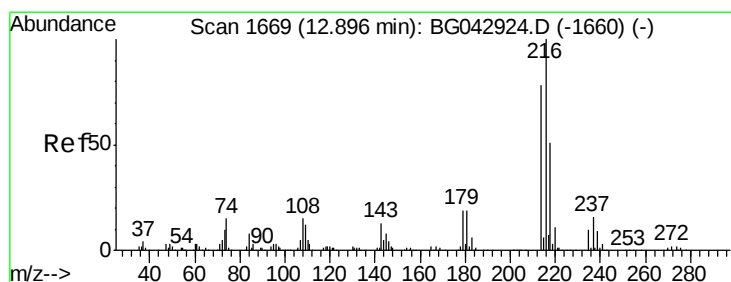
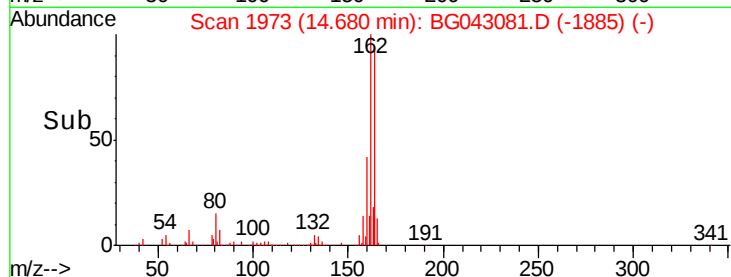
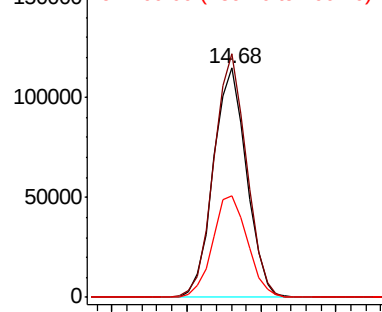


Abundance

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: 40.284 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.02 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

Tgt Ion:216 Resp: 267541

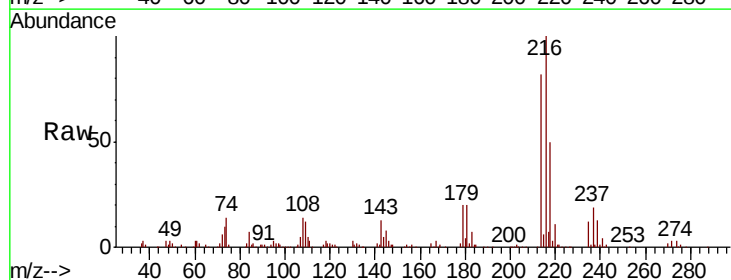
Ion Ratio Lower Upper

216 100

214 79.0 62.4 93.6

179 19.9 15.4 23.2

108 14.8 12.6 19.0



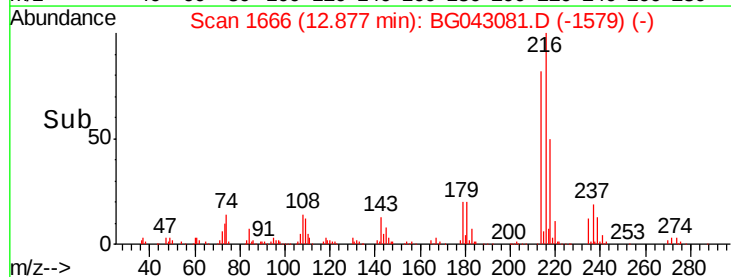
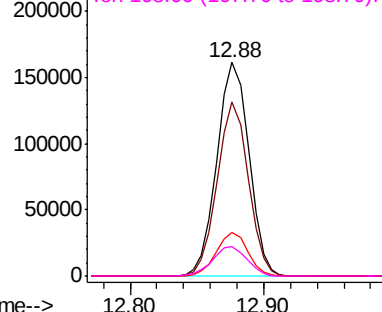
Abundance

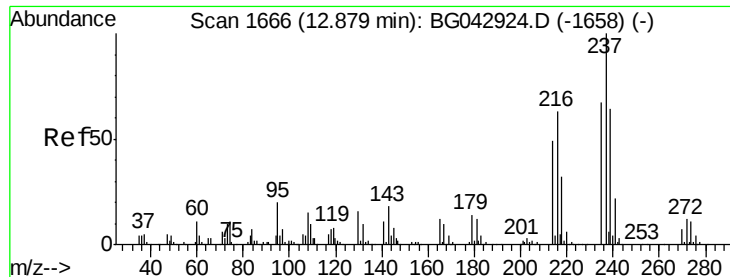
Ion 216.00 (215.70 to 216.70): E

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: 36.945 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.02 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

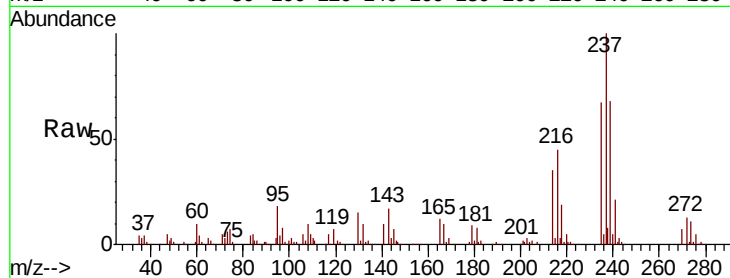
Tot Ion:237 Resp: 156339

Ion Ratio Lower Upper

237 100

235 66.5 46.7 86.7

272 12.8 0.0 32.3

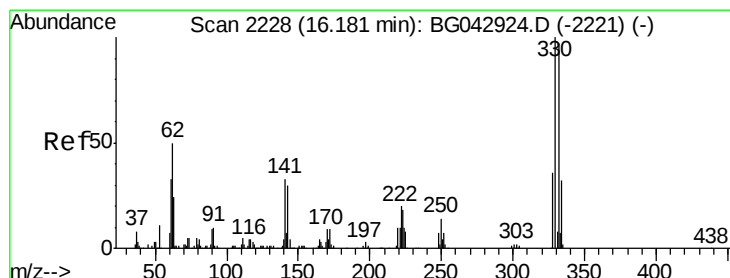
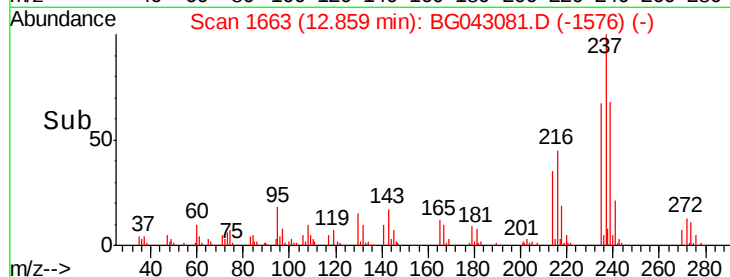
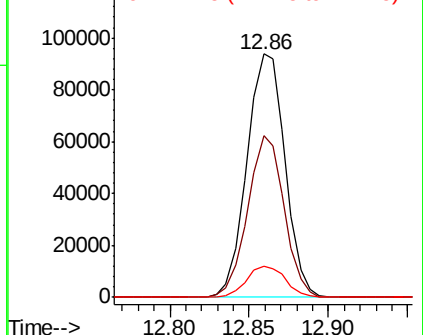


Abundance

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: 90.546 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

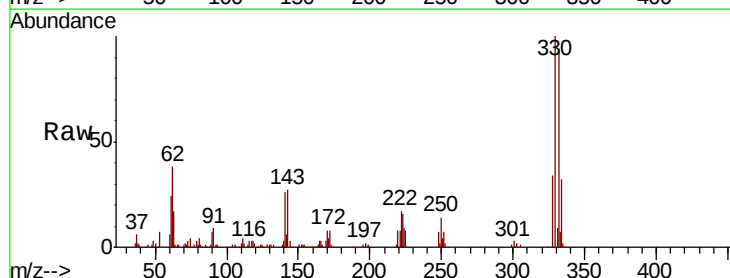
Tgt Ion:330 Resp: 275024

Ion Ratio Lower Upper

330 100

332 95.9 78.2 117.2

141 28.5 26.0 39.0

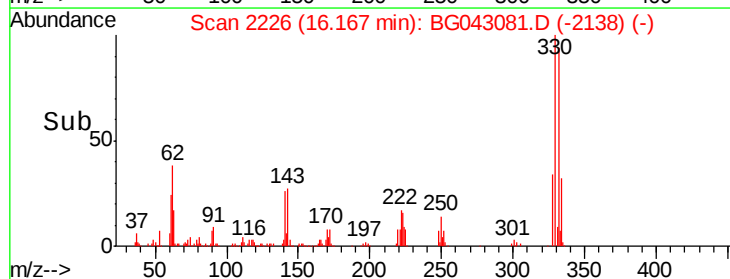
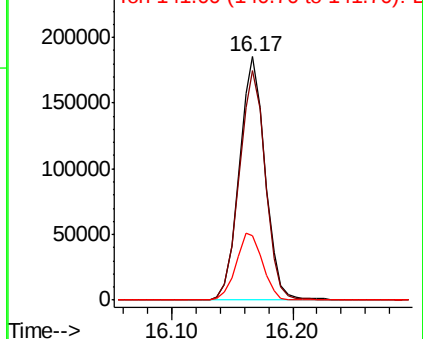


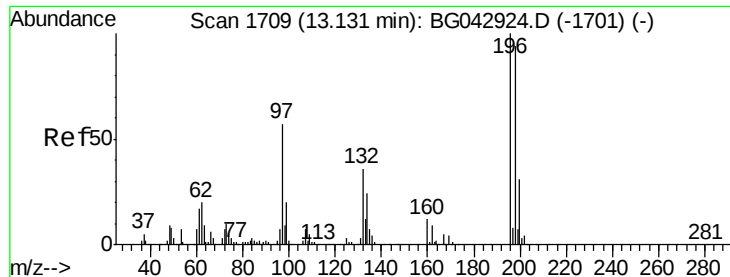
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

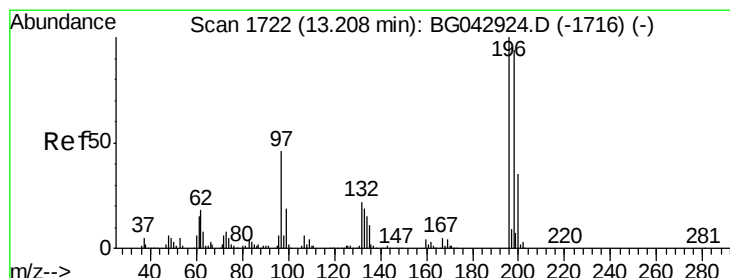
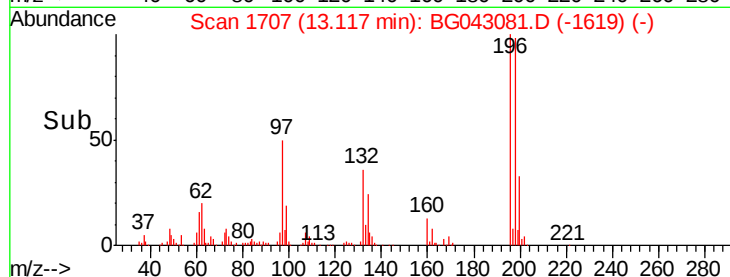
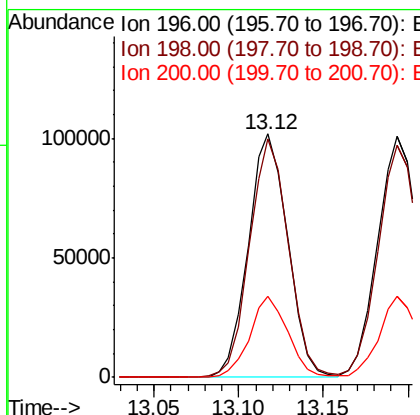
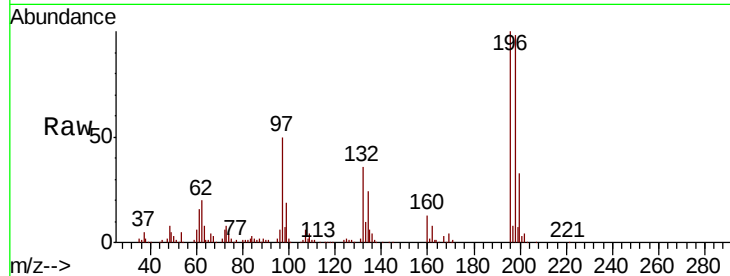




#43
 2,4,6-Trichlorophenol
 Concen: 42.690 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG043081.D
 Acq: 7 Oct 2019 23:39

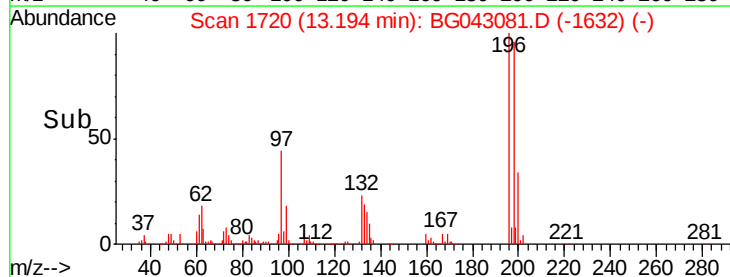
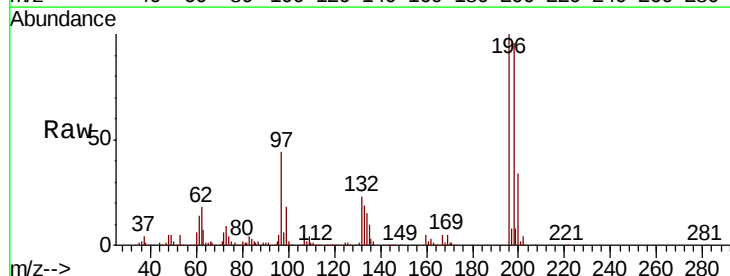
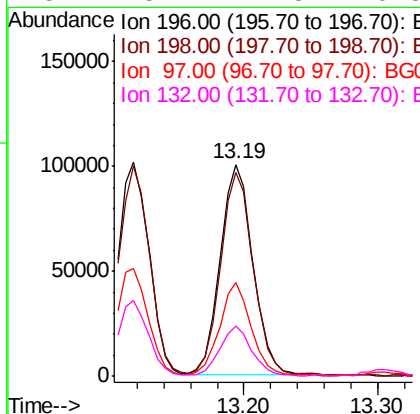
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

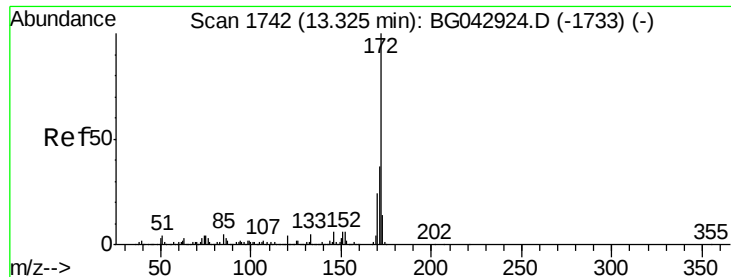
Tot Ion	196	Resp	165945
Ion Ratio	Lower	Upper	
196	100		
198	98.0	75.5	113.3
200	33.1	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 42.990 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG043081.D
 Acq: 7 Oct 2019 23:39

Tgt Ion	196	Resp	172151
Ion Ratio	Lower	Upper	
196	100		
198	96.1	75.1	112.7
97	44.2	37.0	55.4
132	23.4	17.5	26.3

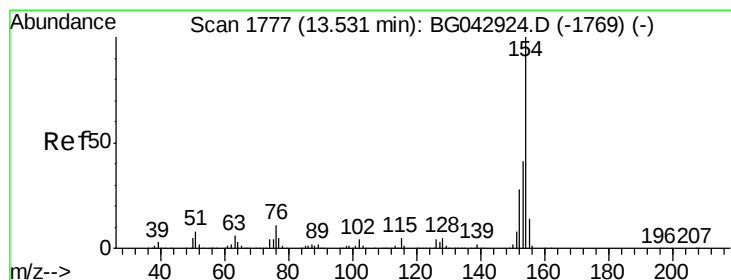
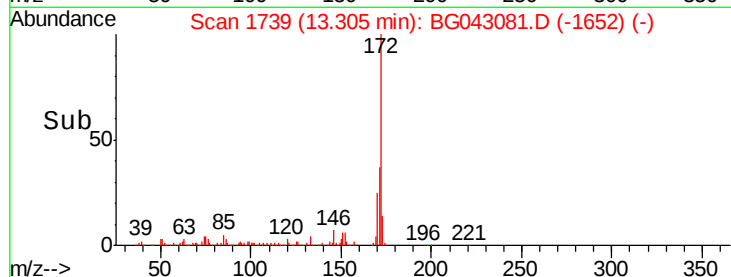
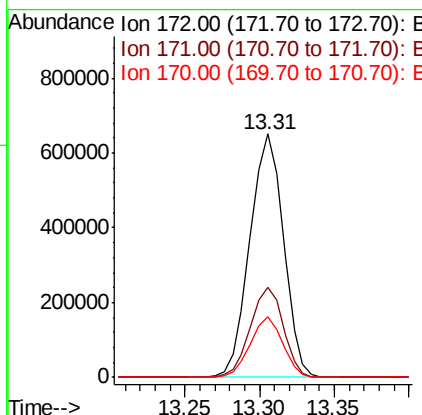
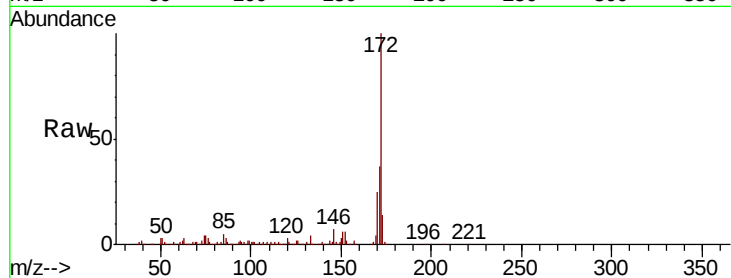




#45
2-Fluorobiphenyl
Concen: 83.082 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG043081.D
Acq: 7 Oct 2019 23:39

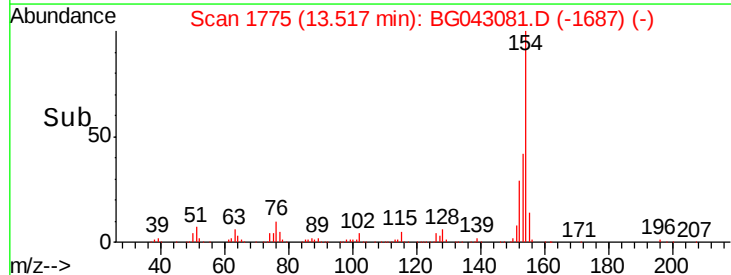
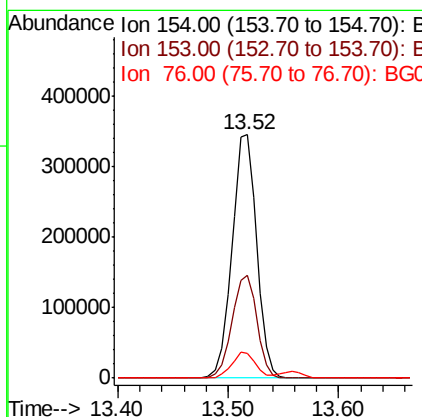
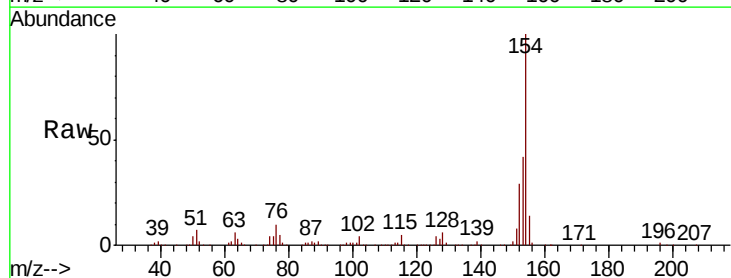
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

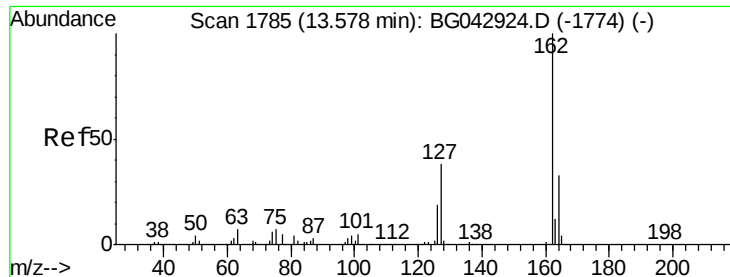
Tot Ion:172 Resp: 1012305
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.7 19.6 29.4



#46
1,1'-Biphenyl
Concen: 40.387 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG043081.D
Acq: 7 Oct 2019 23:39

Tgt Ion:154 Resp: 540993
Ion Ratio Lower Upper
154 100
153 42.2 21.4 61.4
76 10.1 0.0 31.3

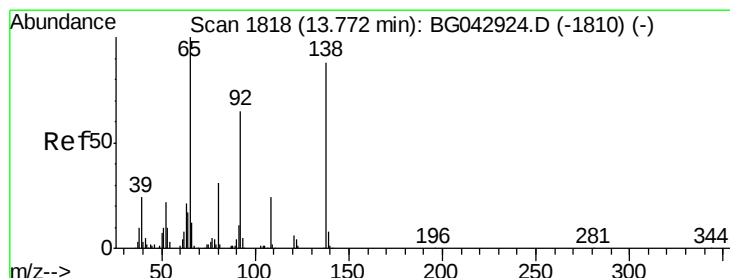
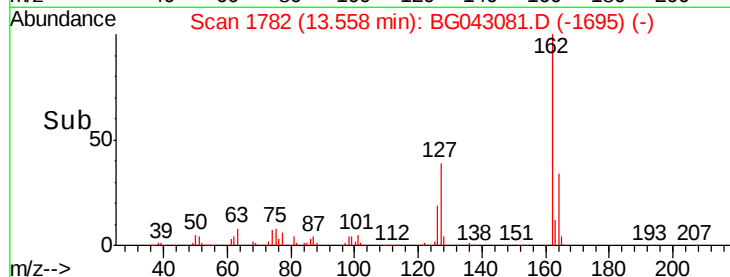
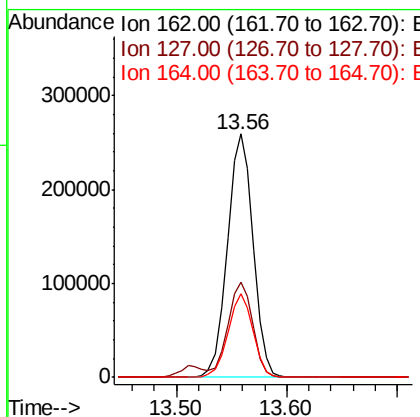
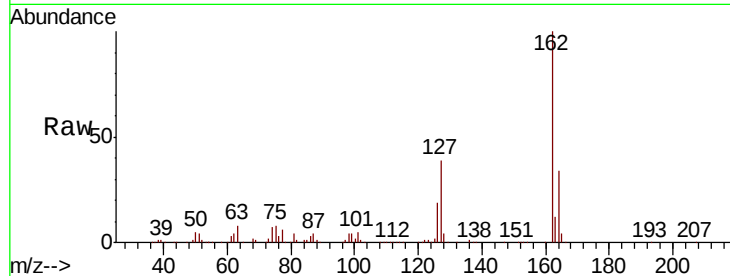




#47
 2-Chloronaphthalene
 Concen: 42.064 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.02 min
 Lab File: BG043081.D
 Acq: 7 Oct 2019 23:39

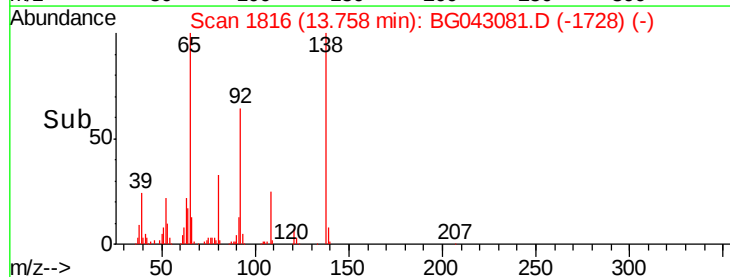
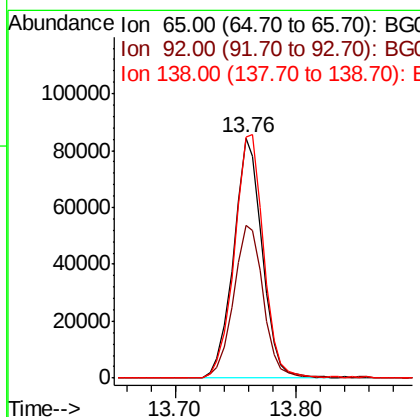
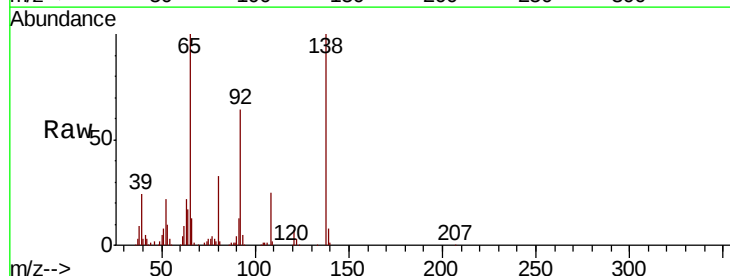
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.0	46.6
164	34.3	26.2	39.2



#48
 2-Nitroaniline
 Concen: 41.839 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG043081.D
 Acq: 7 Oct 2019 23:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.8	52.0	78.0
138	100.2	70.4	105.6





#49

Acenaphthylene

Concen: 42.093 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

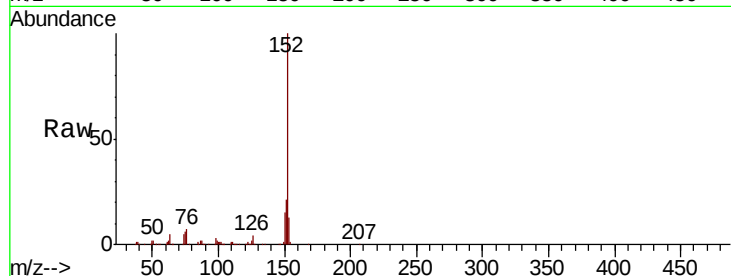
Tot Ion:152 Resp: 646863

Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

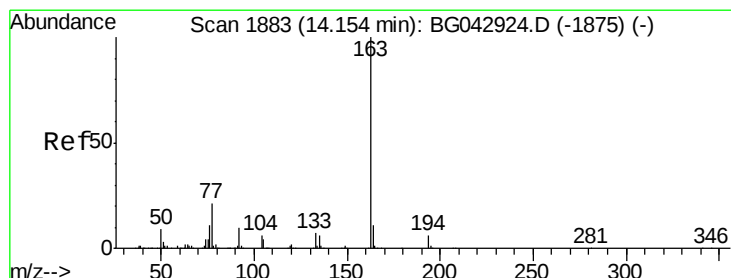
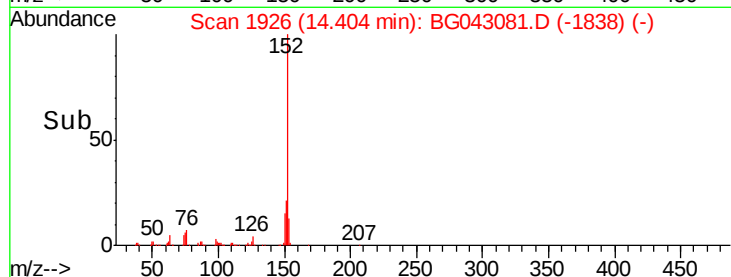
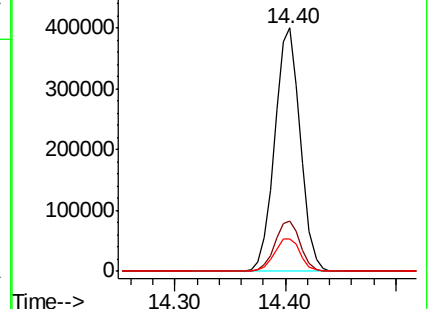
153 13.5 11.3 16.9



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: 42.061 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

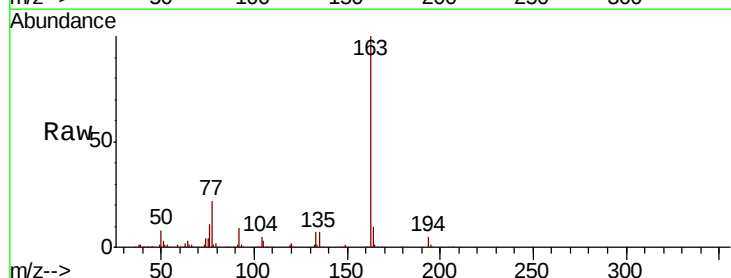
Tgt Ion:163 Resp: 556666

Ion Ratio Lower Upper

163 100

194 4.7 4.4 6.6

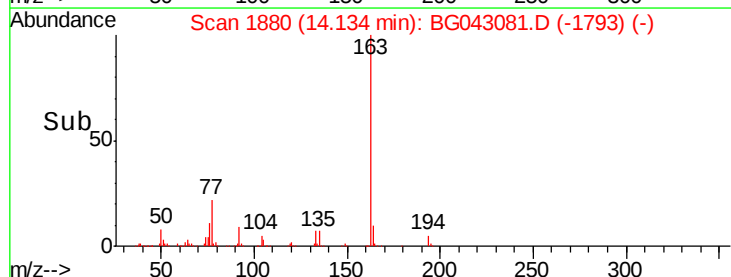
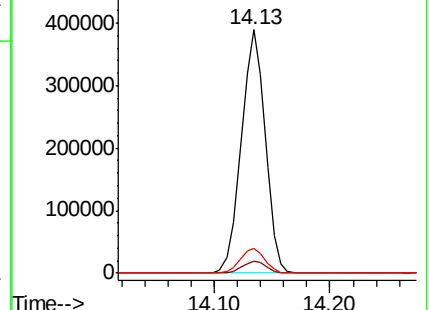
164 10.3 8.6 12.8



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: 44.373 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

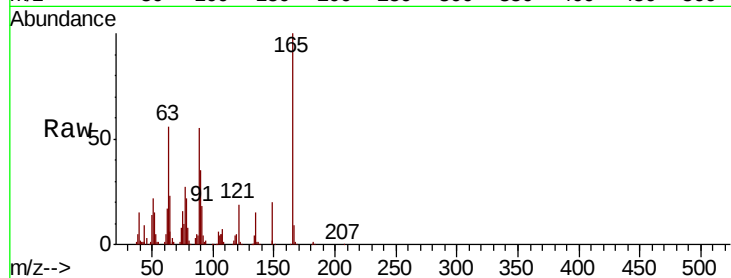
Tot Ion:165 Resp: 125062

Ion Ratio Lower Upper

165 100

63 55.7 50.3 75.5

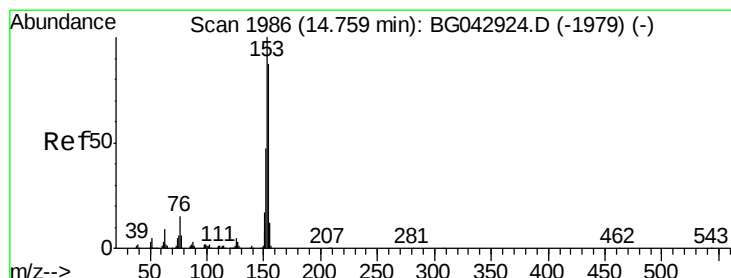
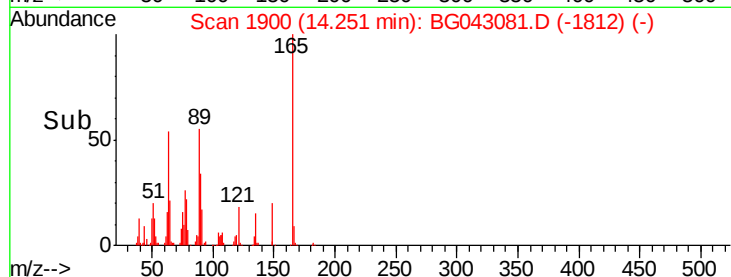
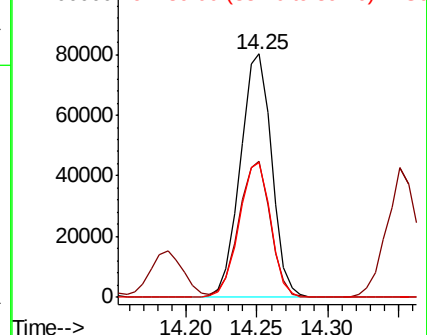
89 55.4 48.9 73.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 39.120 ng

RT: 14.74 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

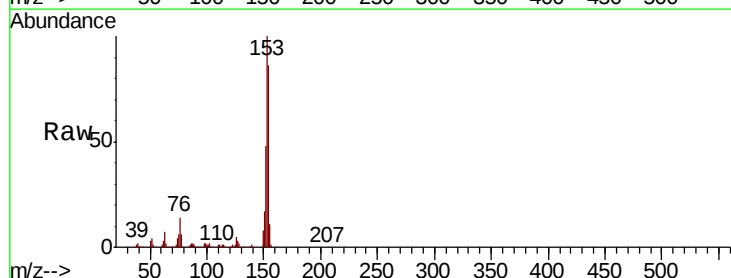
Tgt Ion:154 Resp: 402393

Ion Ratio Lower Upper

154 100

153 116.8 91.4 137.0

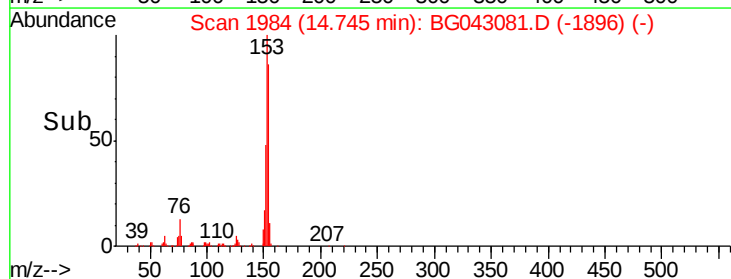
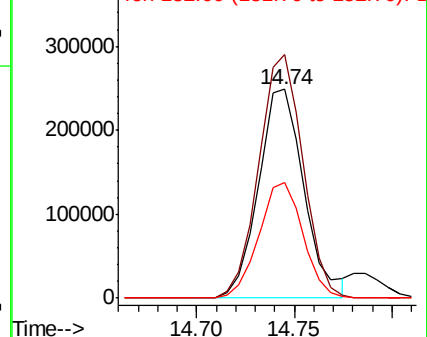
152 55.6 42.8 64.2



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: 42.626 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

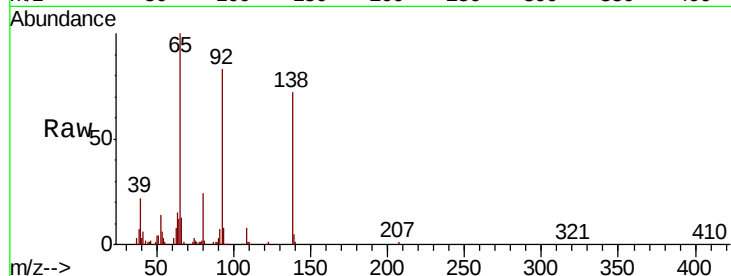
Tot Ion:138 Resp: 124157

Ion Ratio Lower Upper

138 100

108 11.7 7.9 11.9

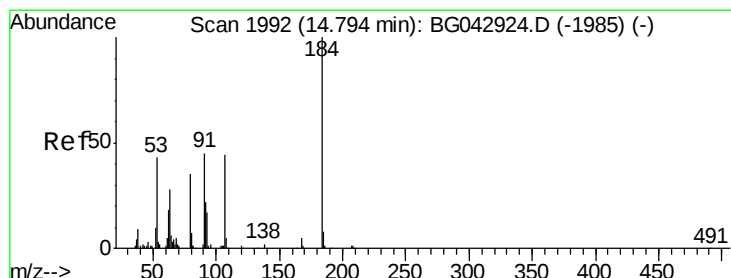
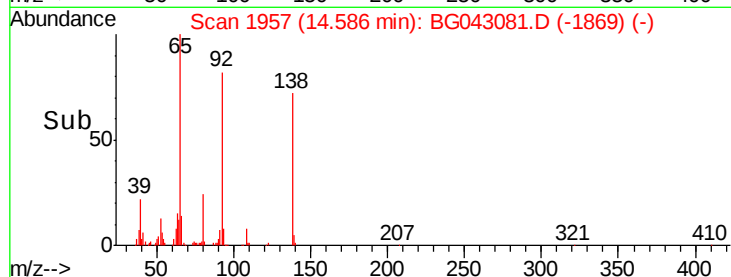
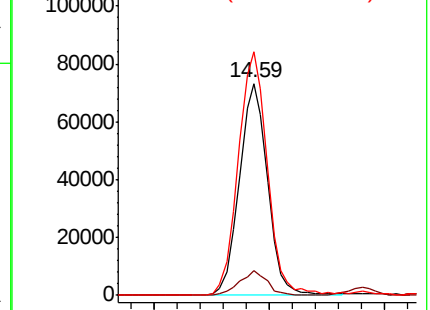
92 114.8 97.0 145.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 45.066 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

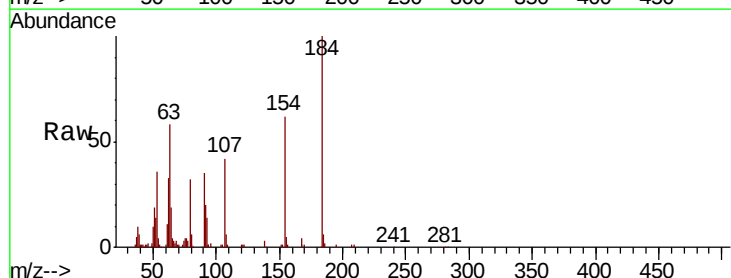
Tgt Ion:184 Resp: 78951

Ion Ratio Lower Upper

184 100

63 58.3 55.0 82.6

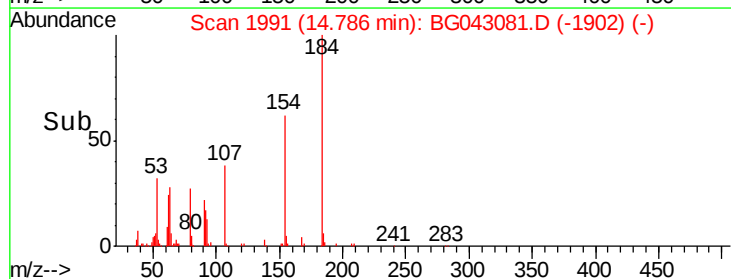
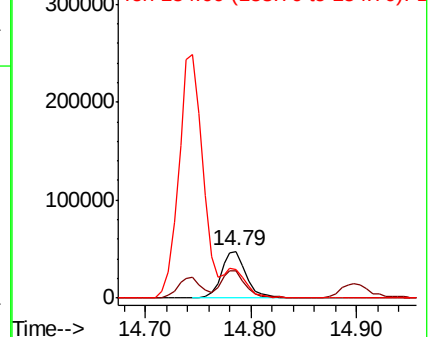
154 62.0 56.5 84.7

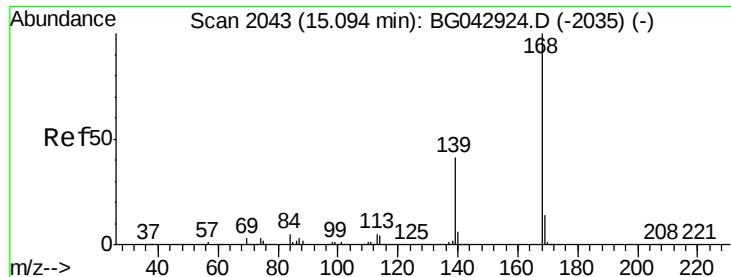


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

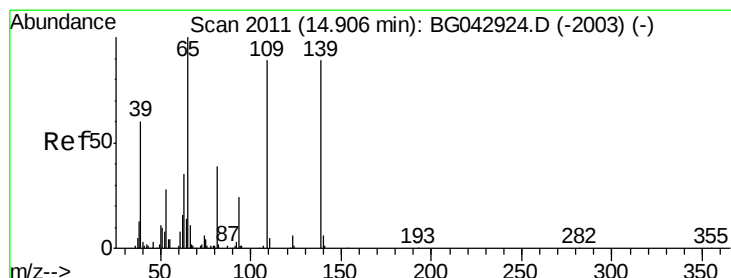
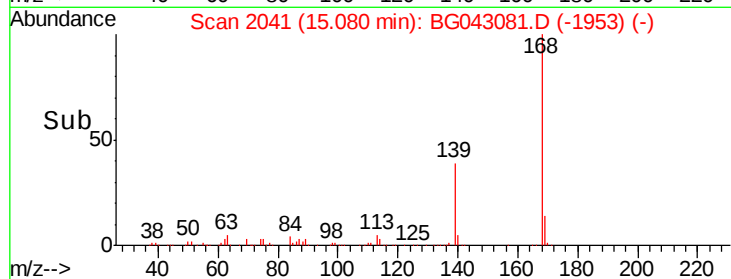
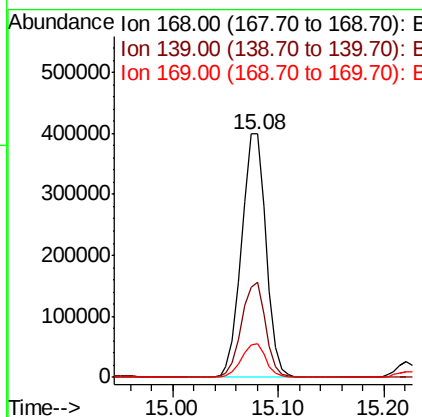
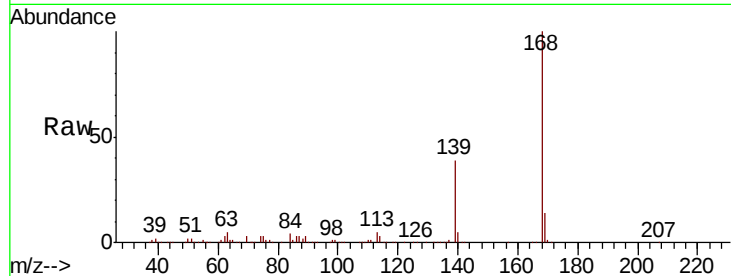




#55
Dibenzenofuran
Concen: 42.143 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG043081.D
Acq: 7 Oct 2019 23:39

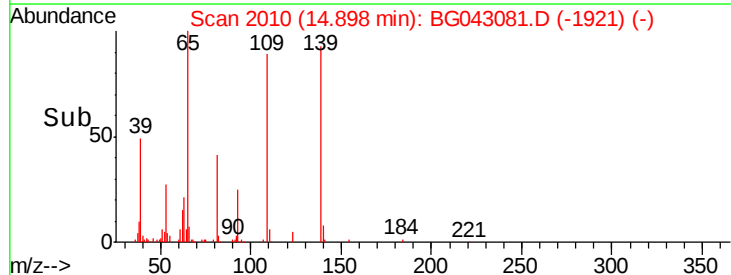
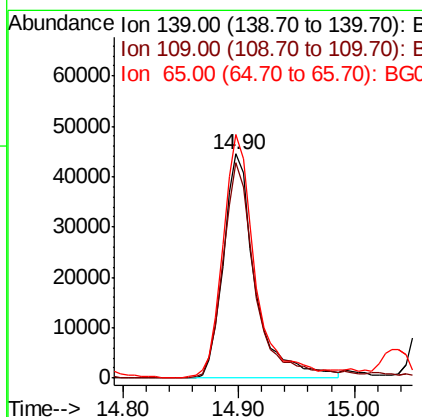
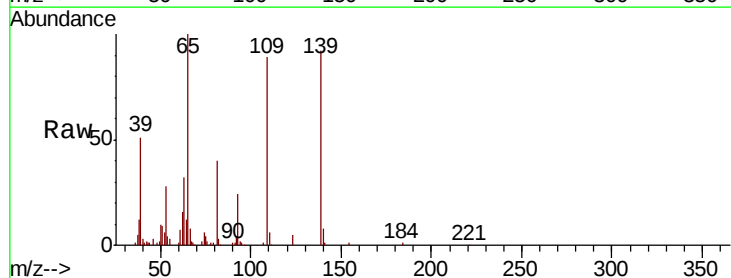
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:168 Resp: 641251
Ion Ratio Lower Upper
168 100
139 39.3 32.6 48.8
169 13.7 11.2 16.8



#56
4-Nitrophenol
Concen: 38.251 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG043081.D
Acq: 7 Oct 2019 23:39

Tgt Ion:139 Resp: 84891
Ion Ratio Lower Upper
139 100
109 96.3 79.4 119.4
65 108.6 92.5 132.5

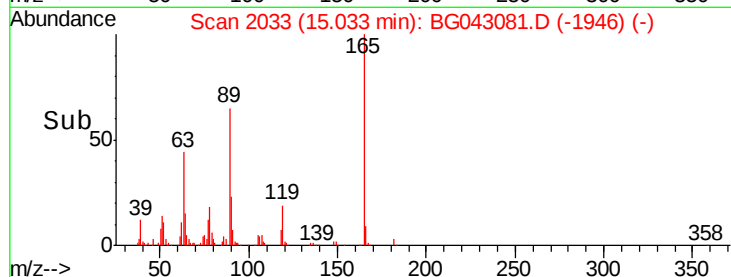
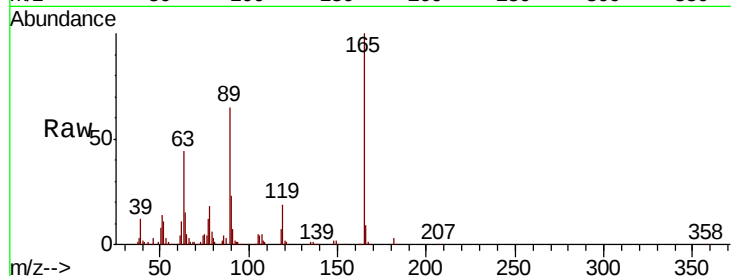




#57
2,4-Dinitrotoluene
Concen: 43.826 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.02 min
Lab File: BG043081.D
Acq: 7 Oct 2019 23:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.1	36.5	54.7
89	65.2	55.5	83.3
182	2.5	2.4	3.6

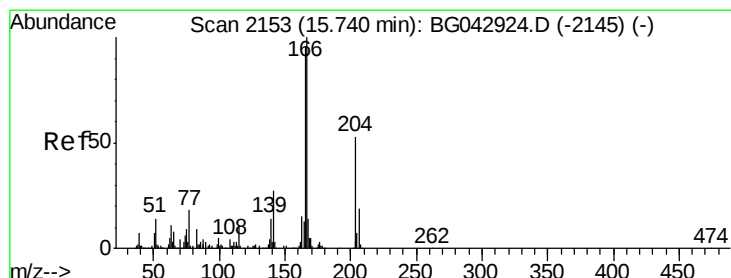
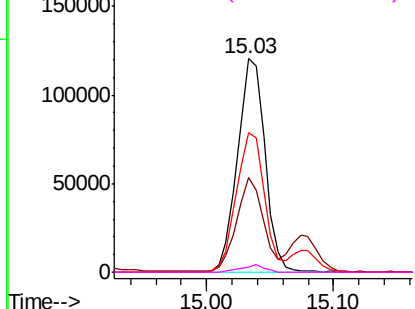


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

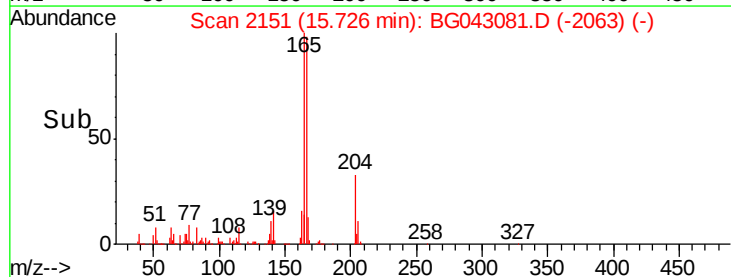
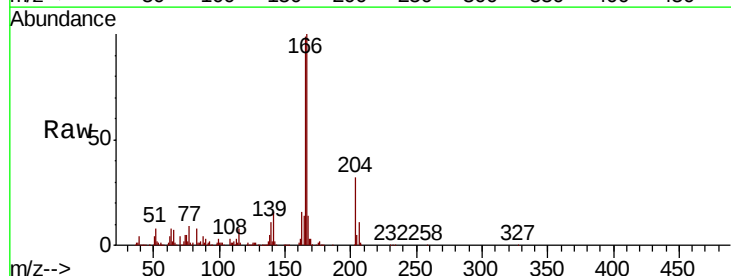
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.595 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG043081.D
Acq: 7 Oct 2019 23:39

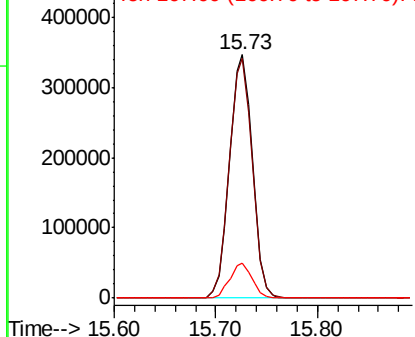
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.1	115.7
167	14.3	11.0	16.6



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

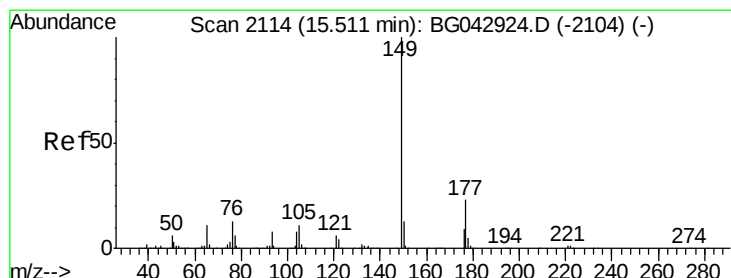
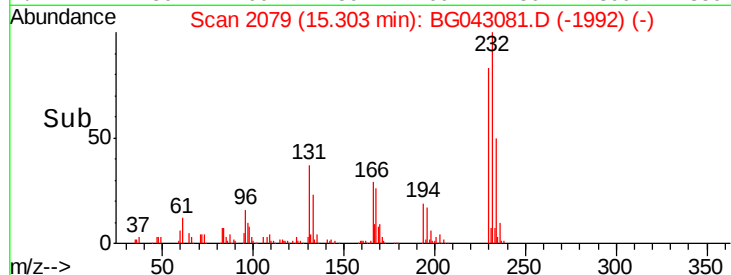
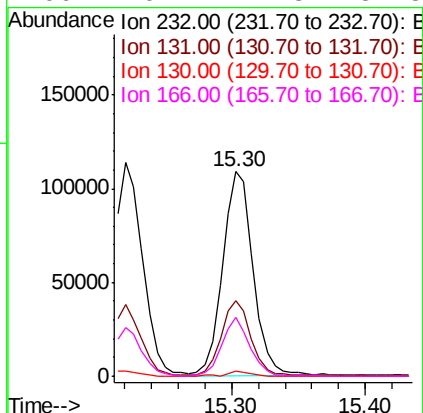
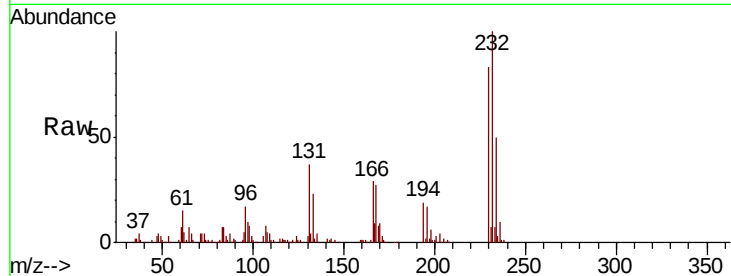




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.487 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BG043081.D
 Acq: 7 Oct 2019 23:39

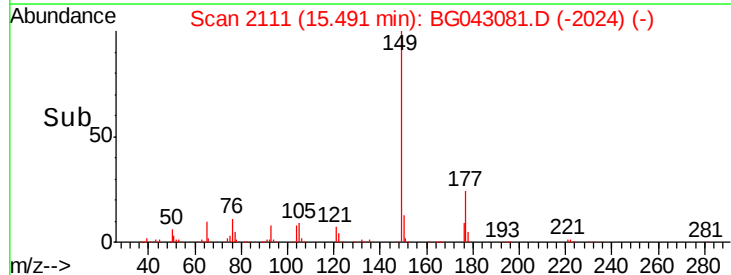
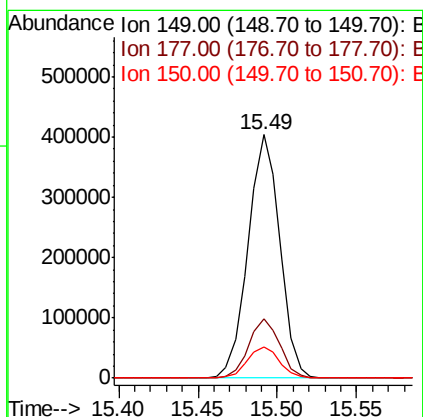
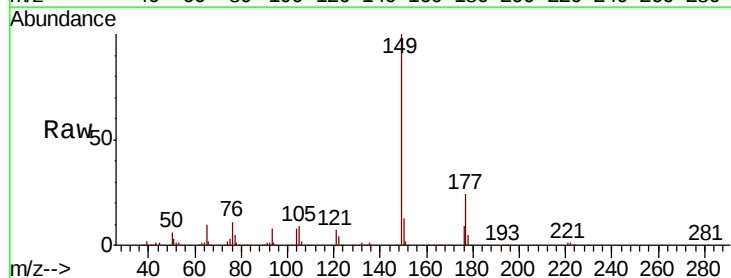
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:232	Resp:	172627
Ion Ratio	Lower	Upper
232 100		
131 36.4	29.6	44.4
130 2.1	1.9	2.9
166 26.1	21.8	32.8



#60
 Diethylphthalate
 Concen: 41.710 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.02 min
 Lab File: BG043081.D
 Acq: 7 Oct 2019 23:39

Tgt Ion	149	Resp: Lower	561795 Upper
	Ratio		
149	100		
177	24.1	18.8	28.2
150	12.9	10.6	15.8

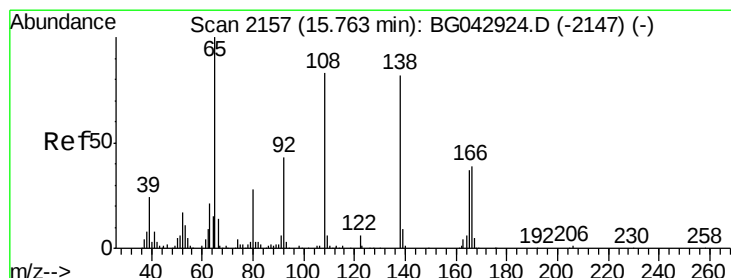
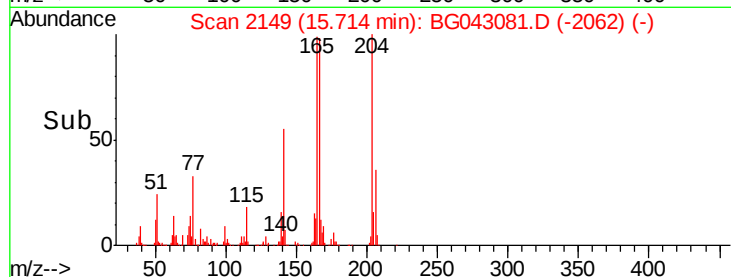
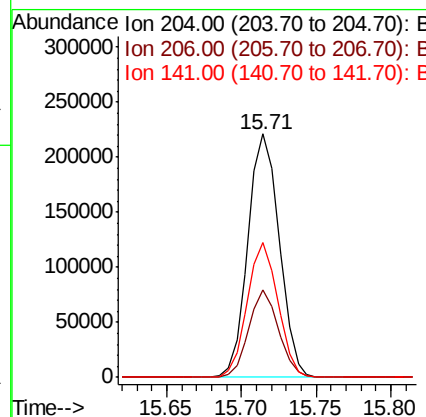
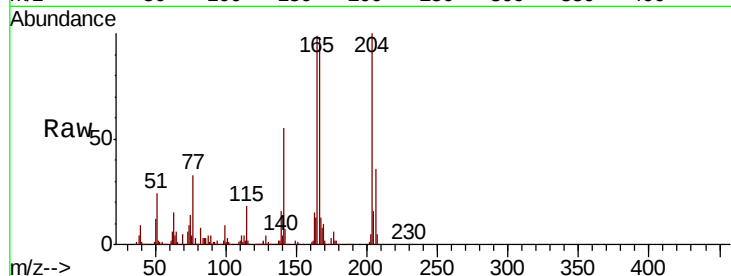




#61
4-Chlorophenyl-phenylether
Concen: 41.207 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BG043081.D
Acq: 7 Oct 2019 23:39

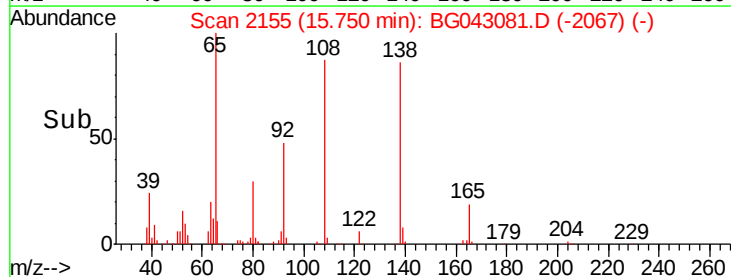
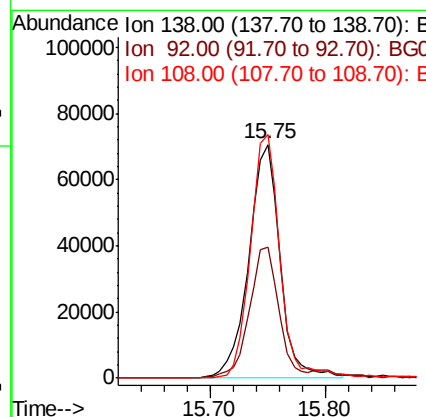
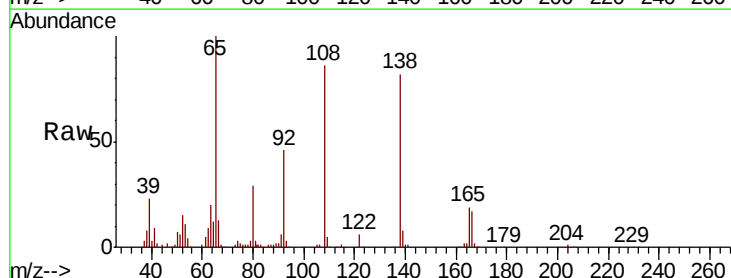
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

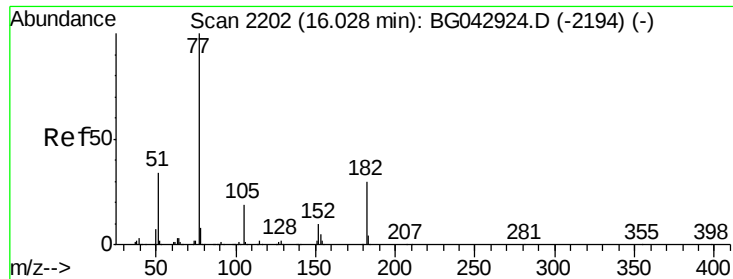
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.7	28.5	42.7
141	55.3	42.4	63.6



#62
4-Nitroaniline
Concen: 41.957 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG043081.D
Acq: 7 Oct 2019 23:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.9	32.9	72.9
108	104.2	81.3	121.3





#63

Azobenzene

Concen: 38.539 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 472593

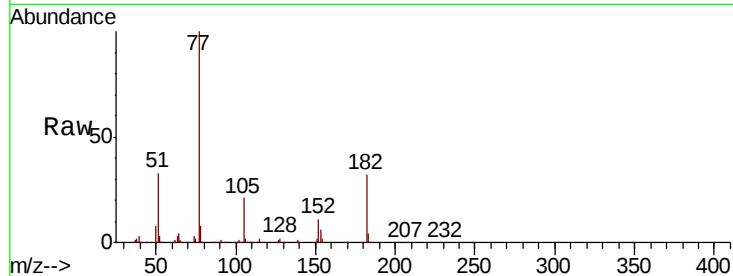
Ion Ratio Lower Upper

77 100

182 32.4 10.2 50.2

105 20.7 0.0 39.1

51 32.9 13.9 53.9

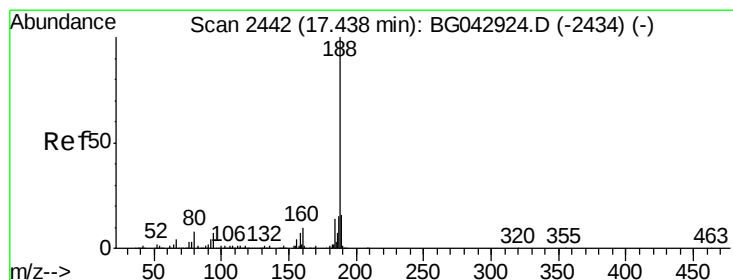
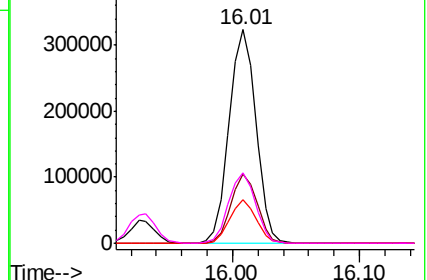
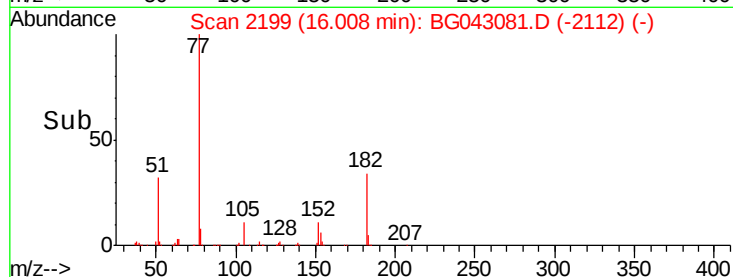


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.42 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

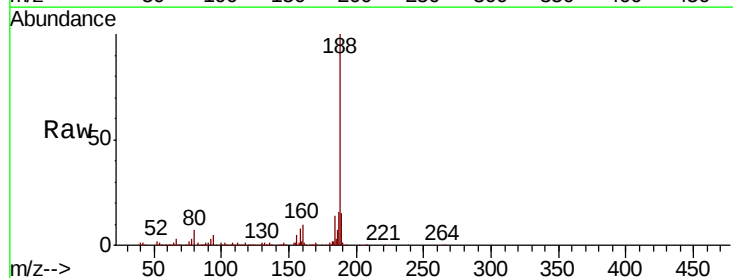
Tgt Ion: 188 Resp: 422647

Ion Ratio Lower Upper

188 100

94 5.4 5.7 8.5#

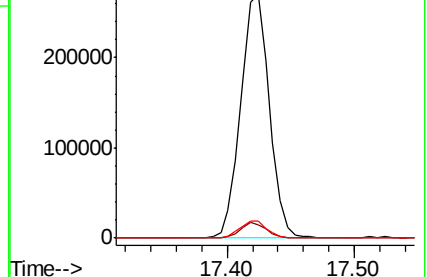
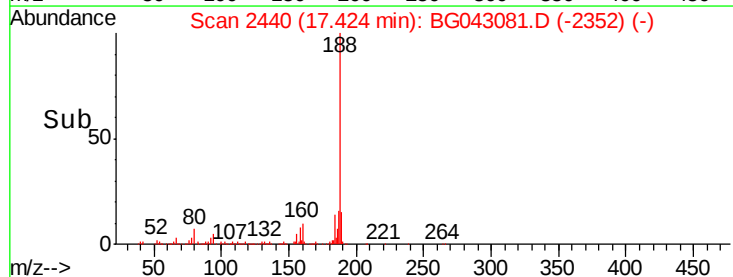
80 7.1 6.5 9.7

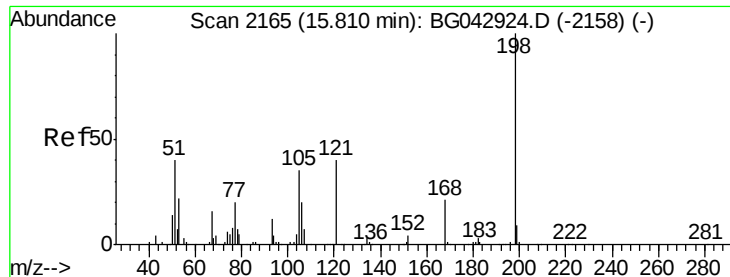


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

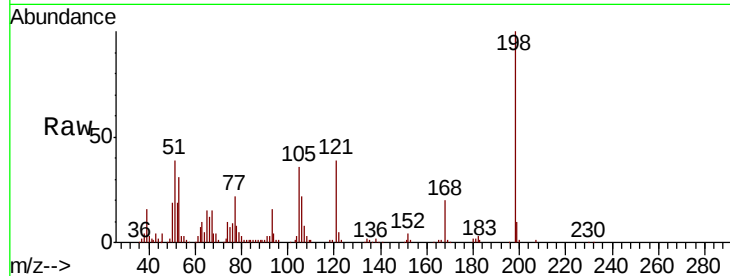




#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.259 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BG043081.D
 Acq: 7 Oct 2019 23:39

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	198	Resp	105851
Ion Ratio	Lower	Upper	
198	100		
51	39.2	25.3	65.3
105	36.0	16.6	56.6

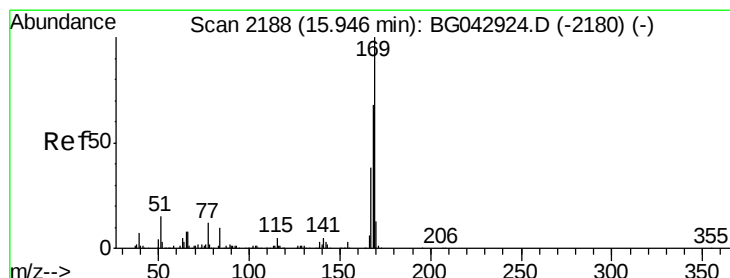
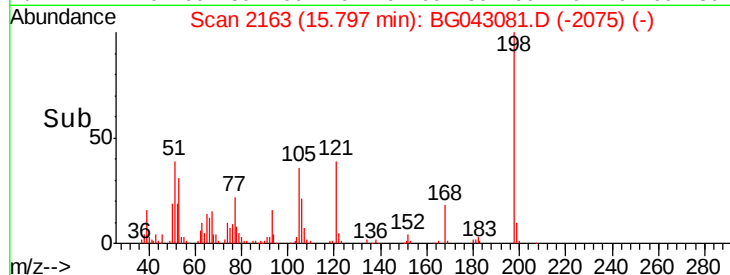
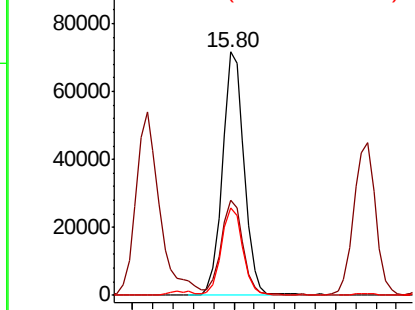


Abundance

Ion 198.00 (197.70 to 198.70): E

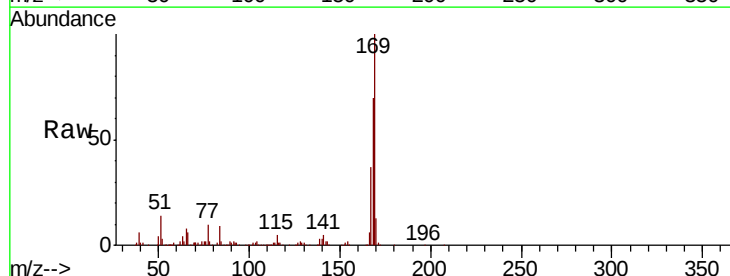
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 43.114 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG043081.D
 Acq: 7 Oct 2019 23:39

Tgt Ion	169	Resp	481037
Ion Ratio	Lower	Upper	
169	100		
168	70.2	54.8	82.2
167	37.3	30.6	46.0

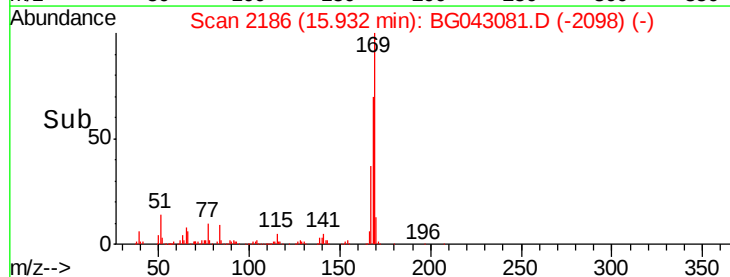
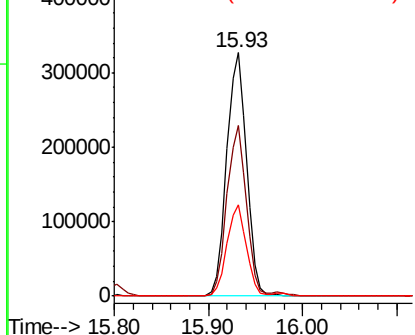


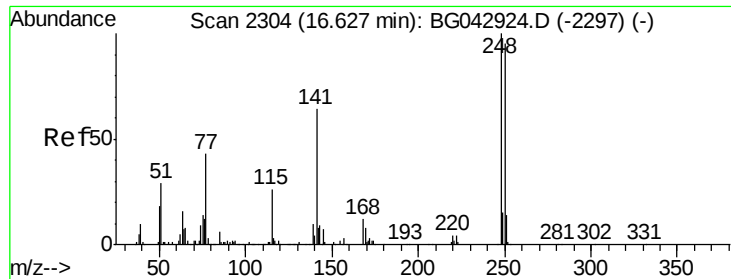
Abundance

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: 43.448 ng

RT: 16.61 min Scan# 2301

Delta R.T. -0.02 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

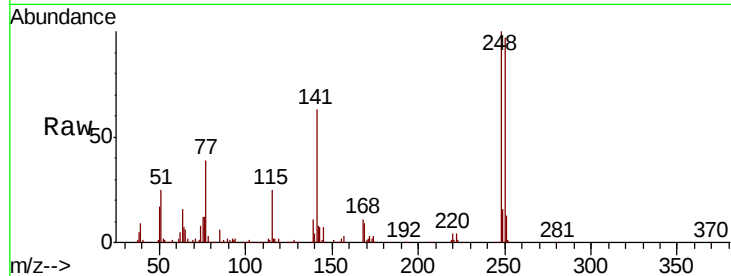
Tot Ion:248 Resp: 230475

Ion Ratio Lower Upper

248 100

250 96.9 75.8 113.8

141 62.8 51.1 76.7

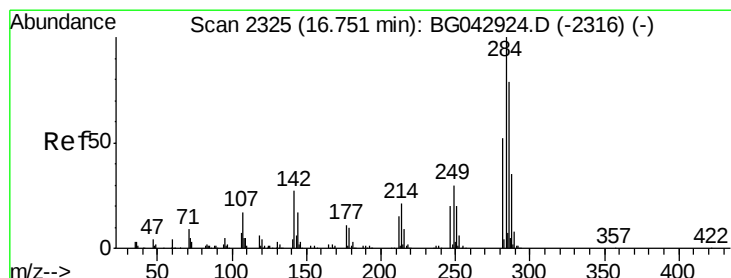
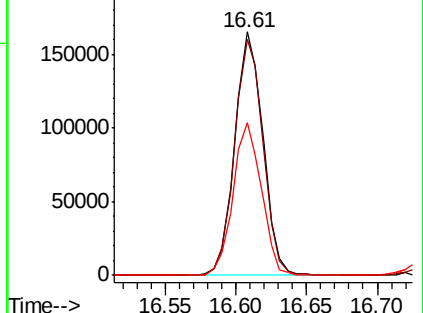
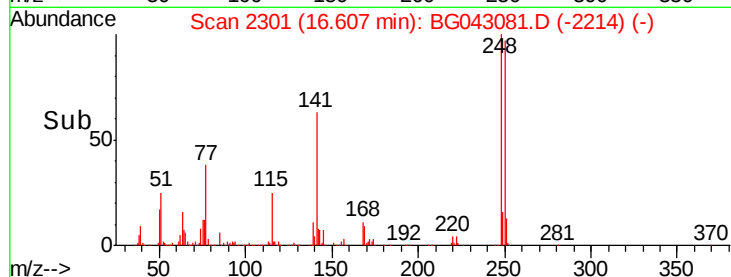


Abundance

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: 43.887 ng

RT: 16.73 min Scan# 2322

Delta R.T. -0.02 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

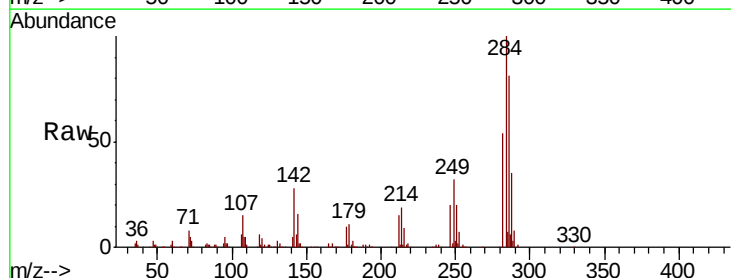
Tgt Ion:284 Resp: 259212

Ion Ratio Lower Upper

284 100

142 27.5 21.6 32.4

249 31.5 24.1 36.1

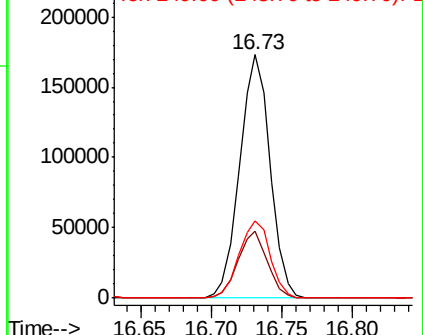
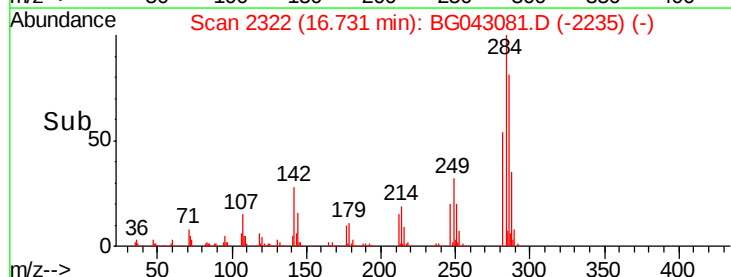


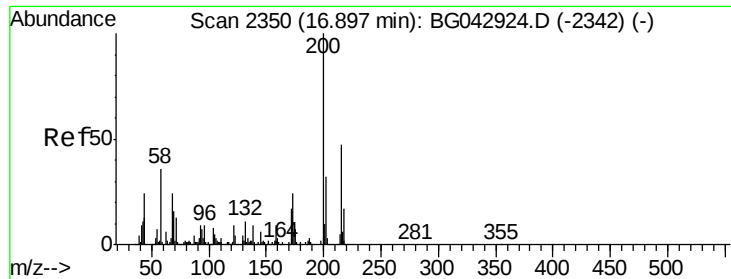
Abundance

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: 34.872 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.02 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

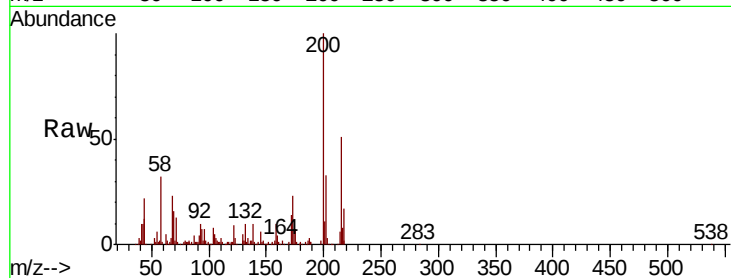
Tot Ion:200 Resp: 163837

Ion Ratio Lower Upper

200 100

173 22.8 4.0 44.0

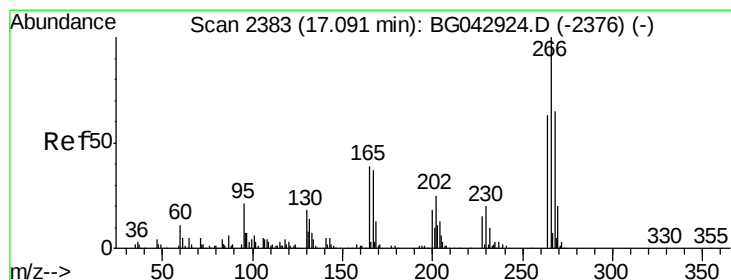
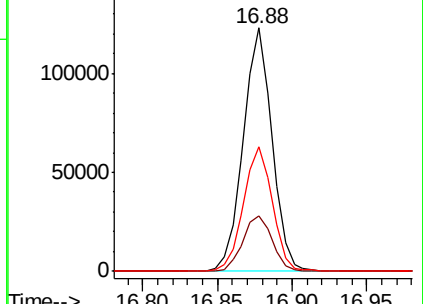
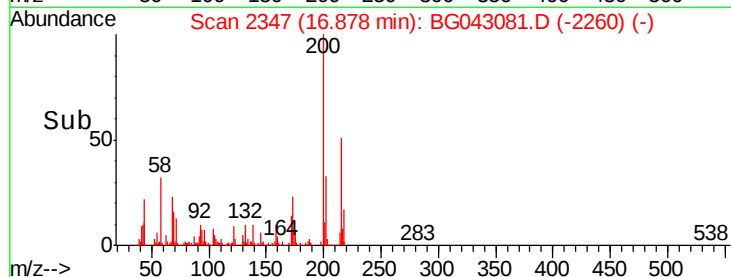
215 50.9 27.4 67.4



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: 40.729 ng

RT: 17.08 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

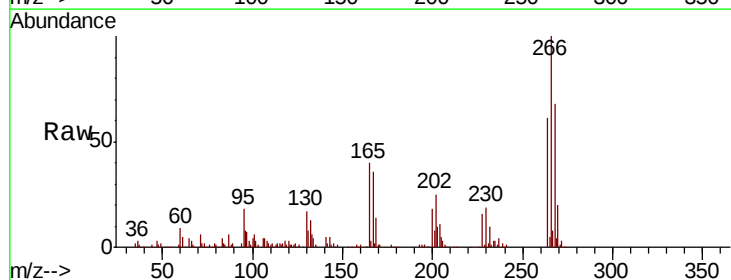
Tgt Ion:266 Resp: 138810

Ion Ratio Lower Upper

266 100

268 67.7 52.2 78.2

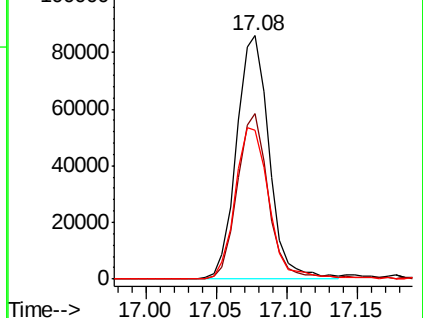
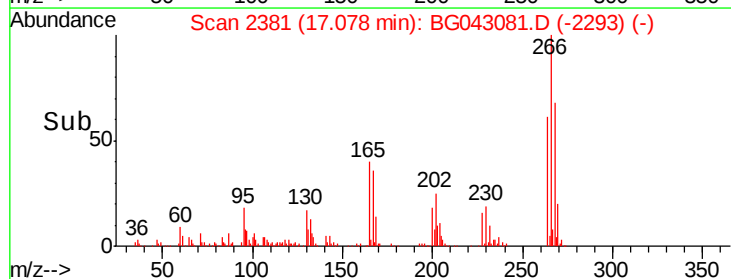
264 61.4 50.7 76.1

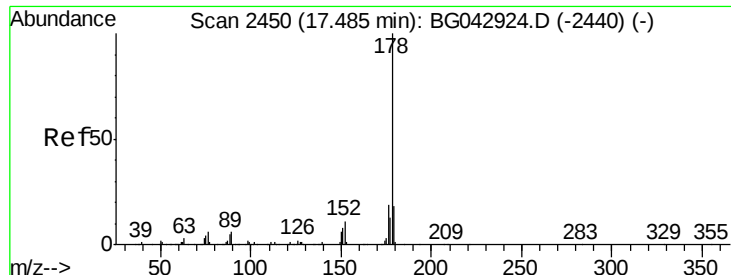


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

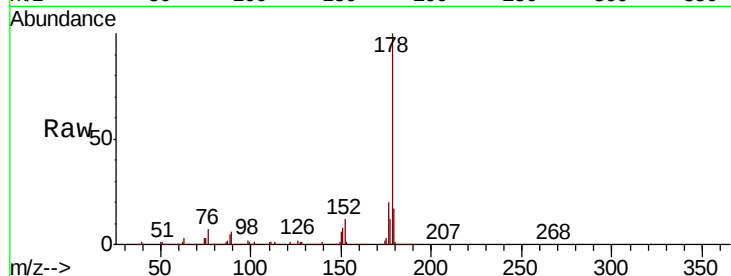




#71
Phenanthrene
Concen: 41.763 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.02 min
Lab File: BG043081.D
Acq: 7 Oct 2019 23:39

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.1	22.7
179	17.1	14.1	21.1

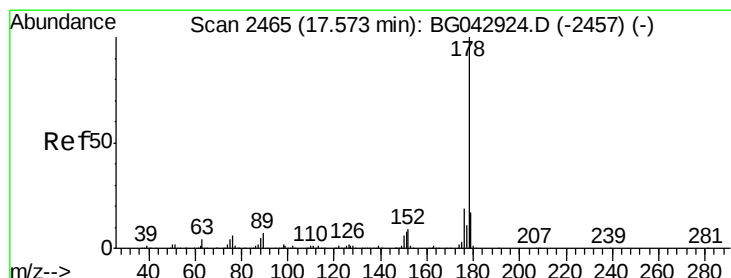
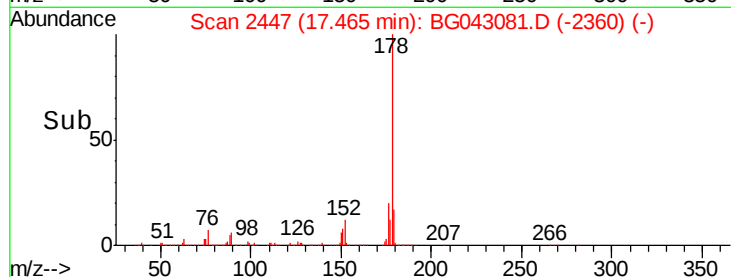
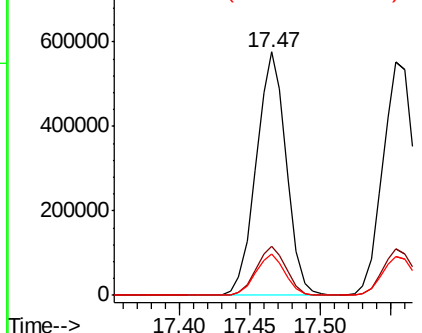


Abundance

Ion 178.00 (177.70 to 178.70): E

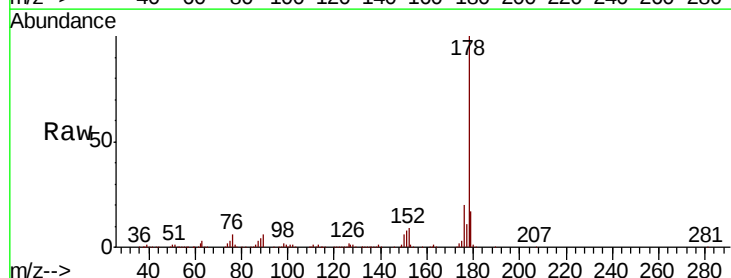
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 42.159 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.02 min
Lab File: BG043081.D
Acq: 7 Oct 2019 23:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.5	23.3
179	16.8	13.5	20.3

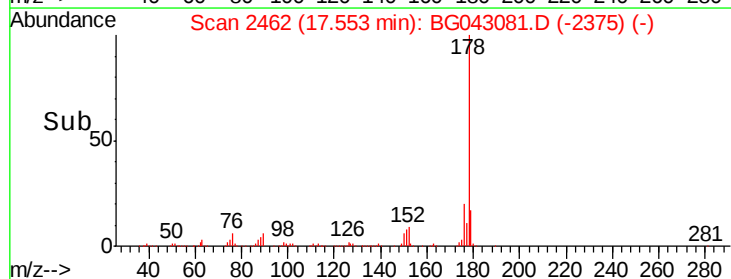
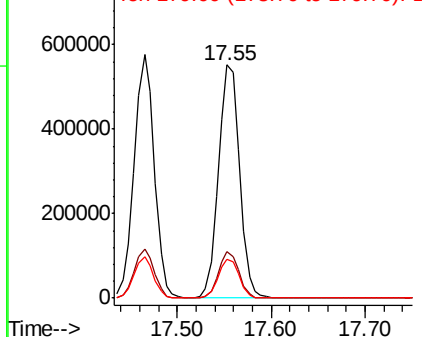


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

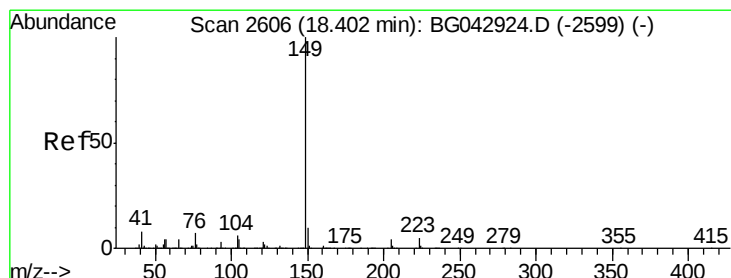
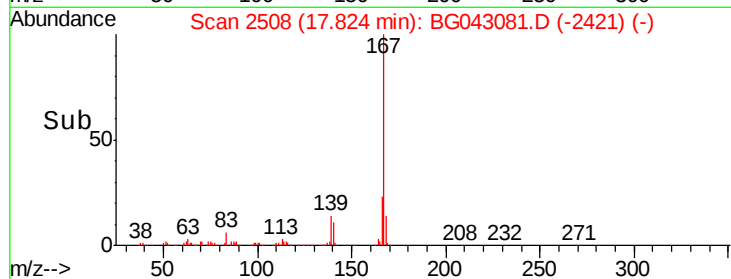
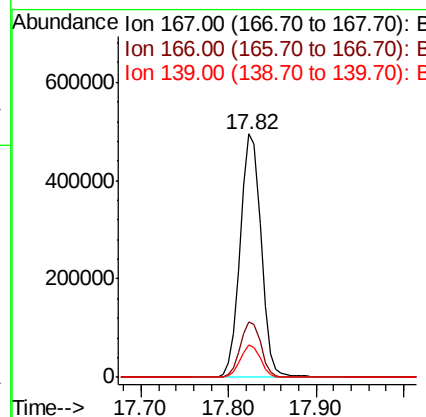
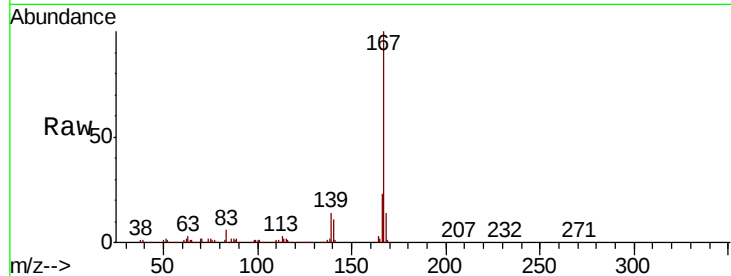




#73
 Carbazole
 Concen: 41.722 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. -0.02 min
 Lab File: BG043081.D
 Acq: 7 Oct 2019 23:39

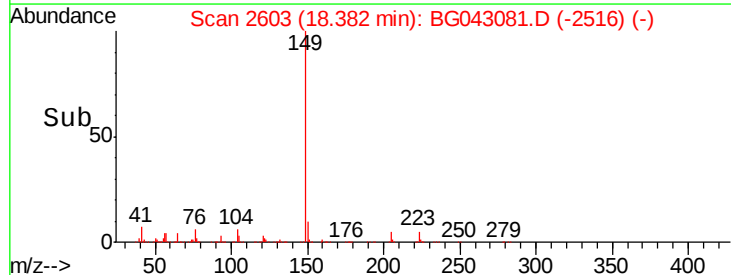
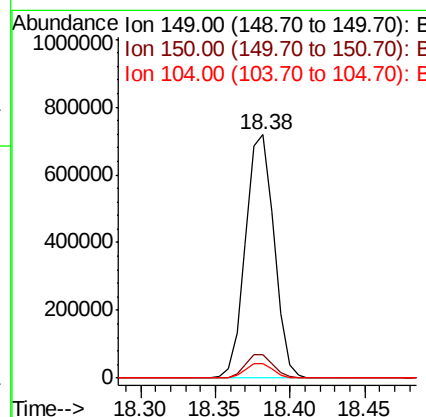
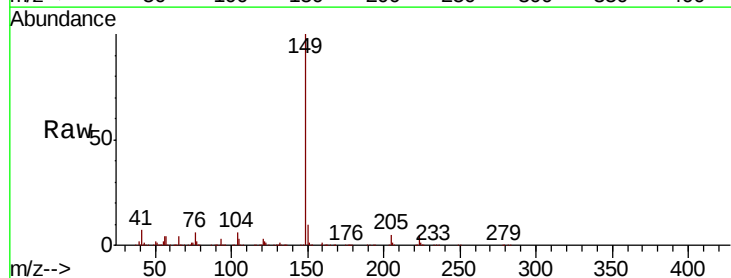
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

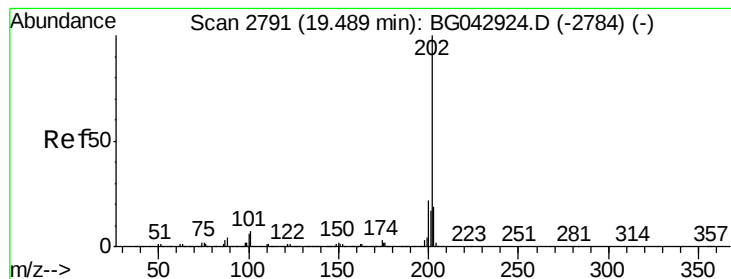
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.6	28.0
139	13.5	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 41.770 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.02 min
 Lab File: BG043081.D
 Acq: 7 Oct 2019 23:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	5.7	5.0	7.6





#75

Fluoranthene

Concen: 40.648 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.02 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

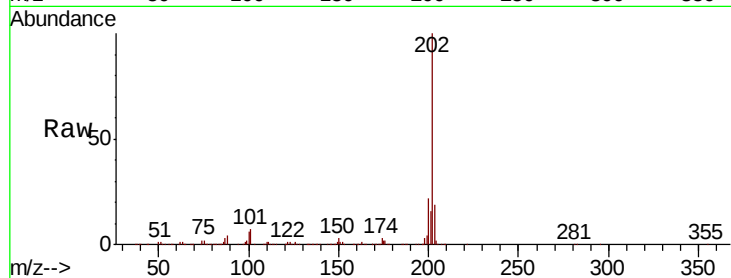
Tot Ion:202 Resp: 1109351

Ion Ratio Lower Upper

202 100

101 7.1 0.0 27.3

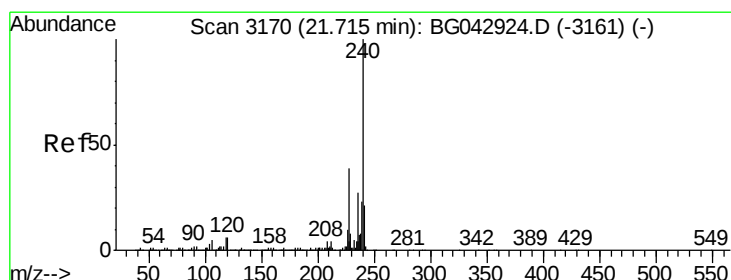
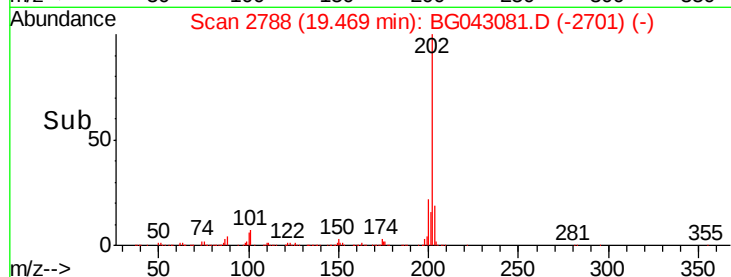
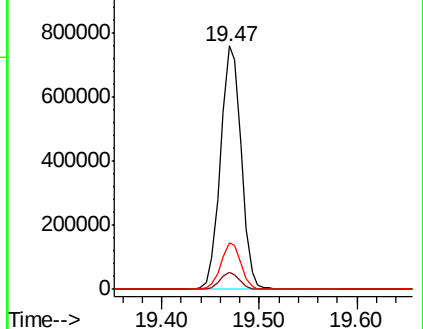
203 19.0 0.0 39.5



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: 21.69 min Scan# 3166

Delta R.T. -0.03 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

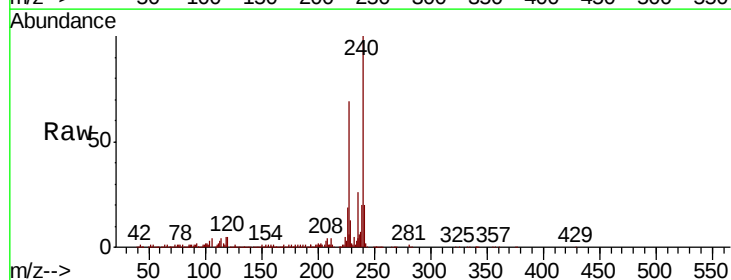
Tgt Ion:240 Resp: 436961

Ion Ratio Lower Upper

240 100

120 4.9 4.8 7.2

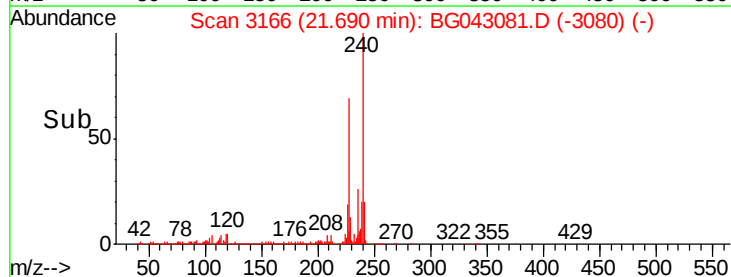
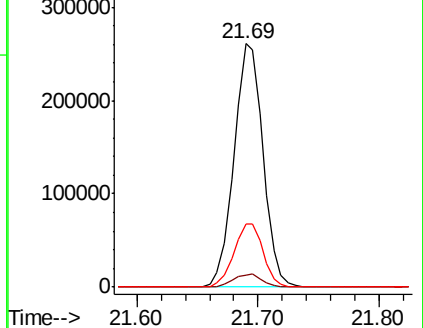
236 25.9 21.4 32.0



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: 23.369 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

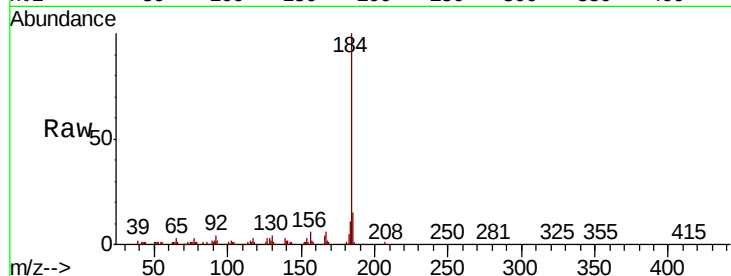
Tot Ion:184 Resp: 255681

Ion Ratio Lower Upper

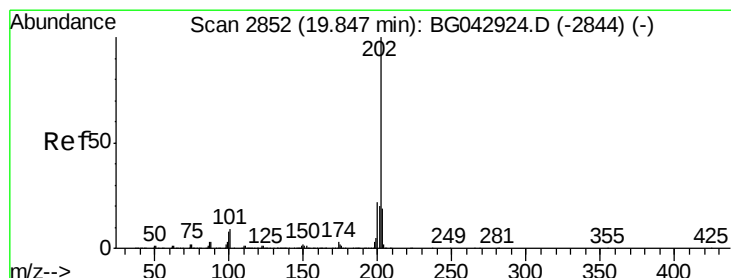
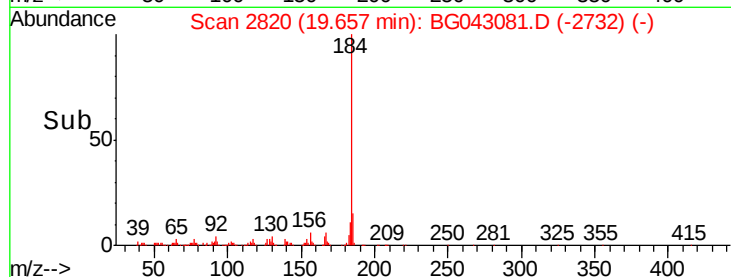
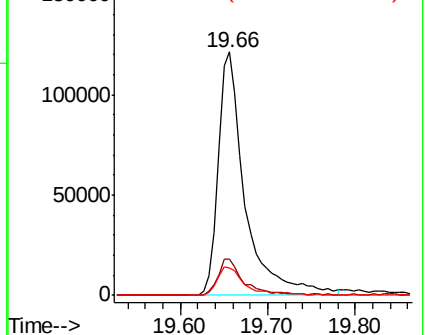
184 100

185 14.8 11.8 17.8

183 11.3 10.1 15.1



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: 42.625 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

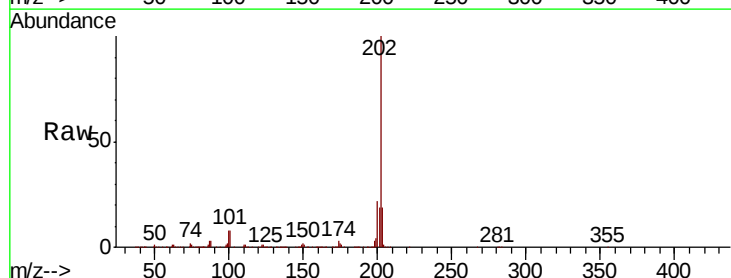
Tgt Ion:202 Resp: 1111682

Ion Ratio Lower Upper

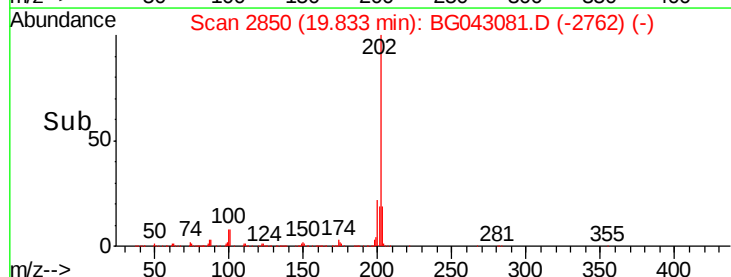
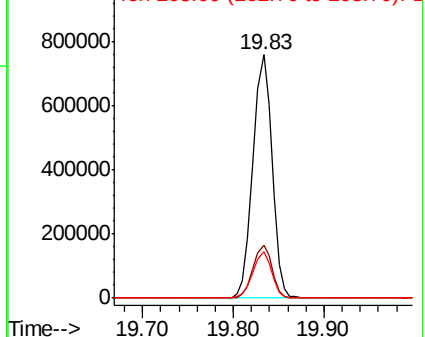
202 100

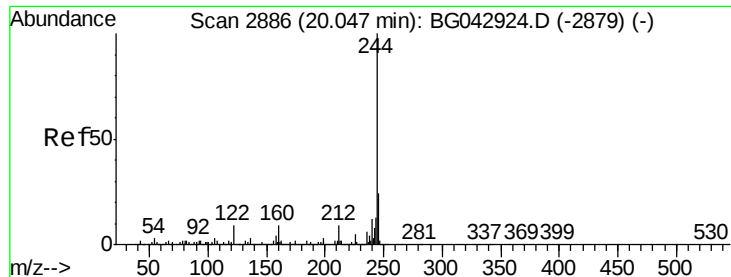
200 21.8 17.6 26.4

203 18.9 15.2 22.8



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: 90.101 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

Instrument :

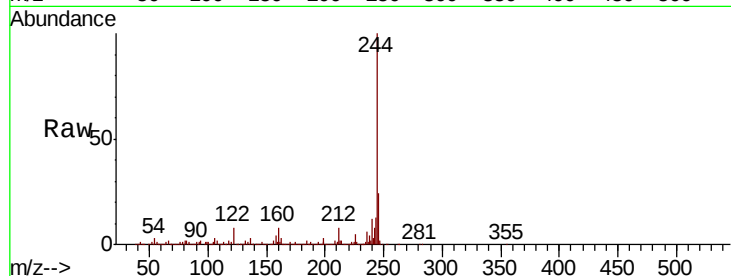
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:244 Resp: 1847622

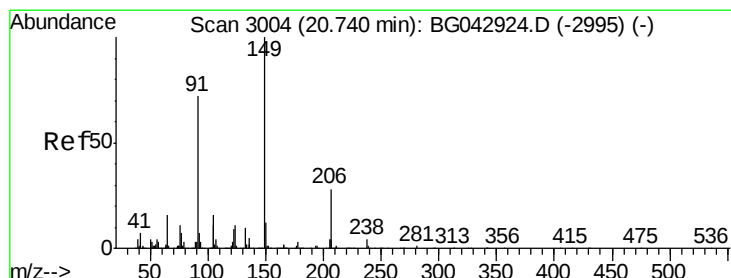
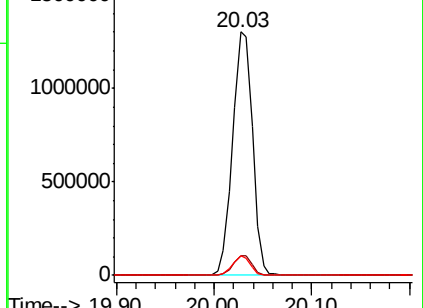
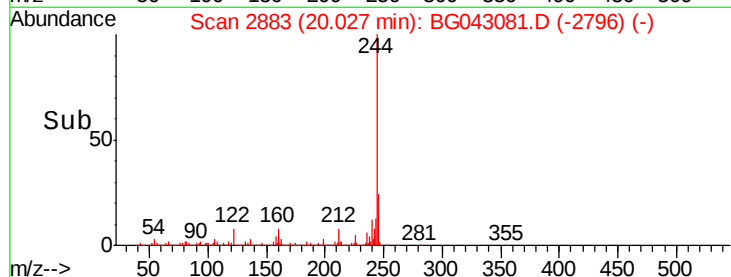
Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.4	11.0
122	7.9	7.0	10.4



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: 43.689 ng

RT: 20.71 min Scan# 3000

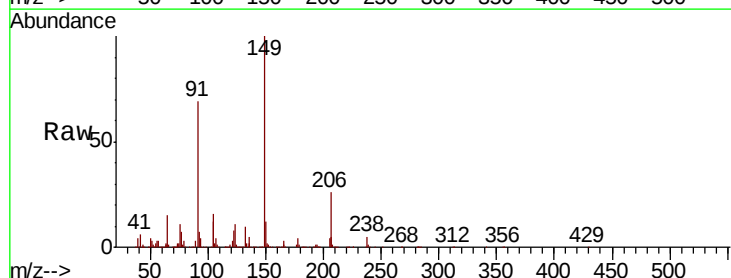
Delta R.T. -0.03 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

Tgt Ion:149 Resp: 432501

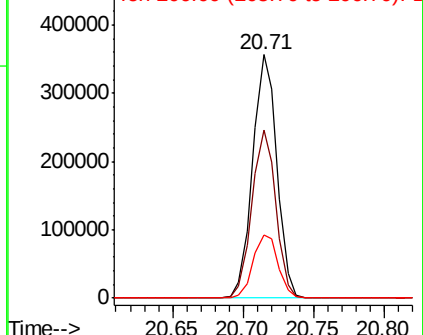
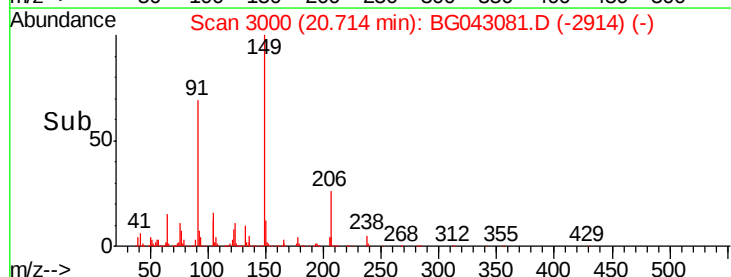
Ion	Ratio	Lower	Upper
149	100		
91	69.0	57.7	86.5
206	26.0	22.6	33.8

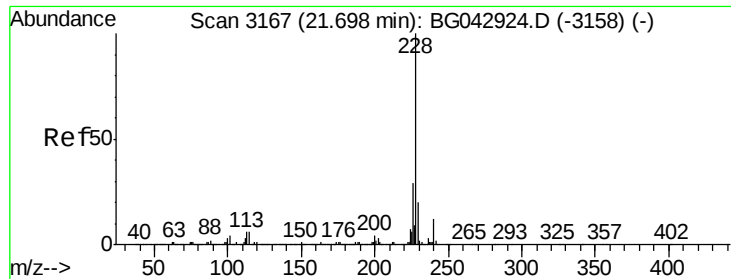


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.426 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.03 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

Instrument :

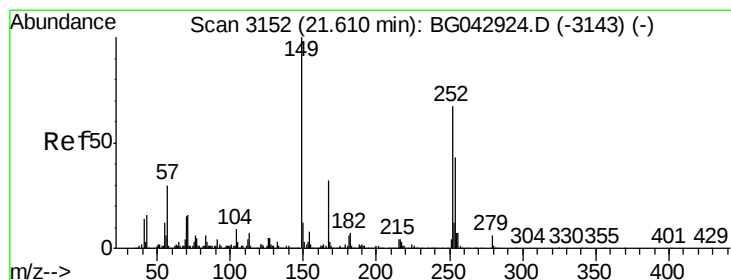
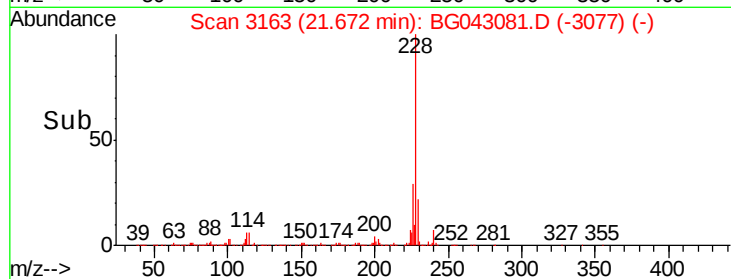
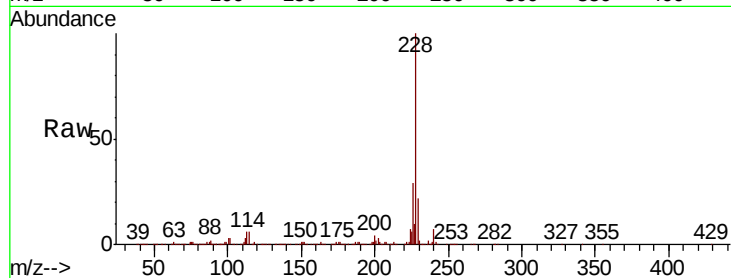
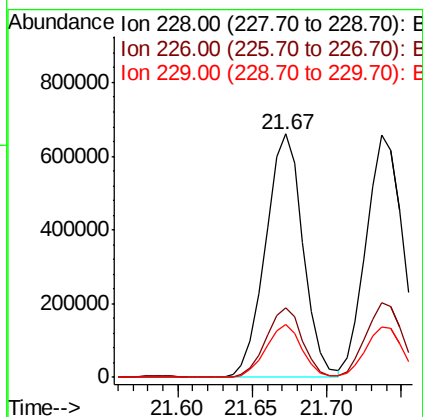
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:228 Resp: 1155125

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.4
229	21.8	16.3	24.5



#82

3,3'-Dichlorobenzidine

Concen: 44.107 ng

RT: 21.59 min Scan# 3149

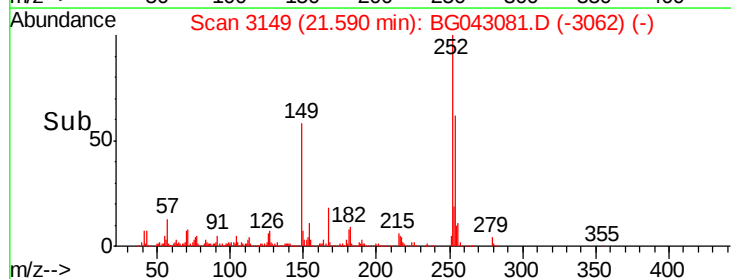
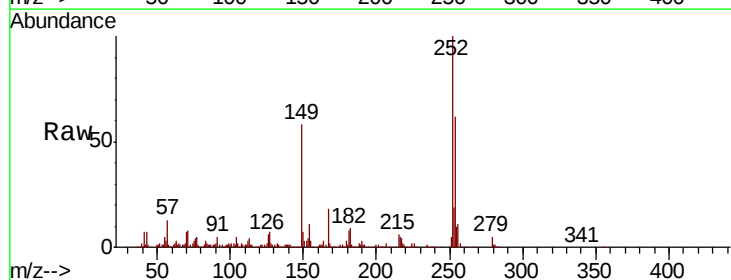
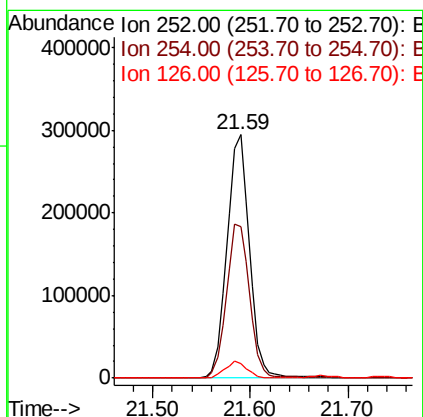
Delta R.T. -0.02 min

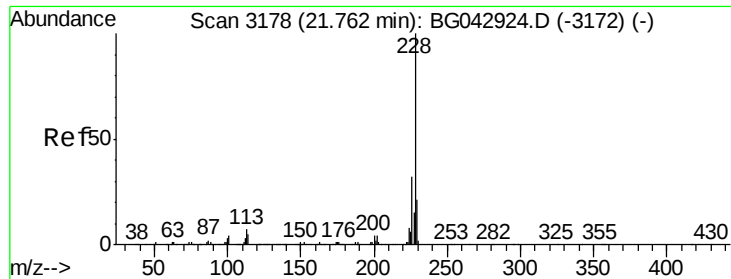
Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

Tgt Ion:252 Resp: 471001

Ion	Ratio	Lower	Upper
252	100		
254	62.1	51.9	77.9
126	5.9	6.1	9.1#





#83

Chrvsene

Concen: 41.537 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.03 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

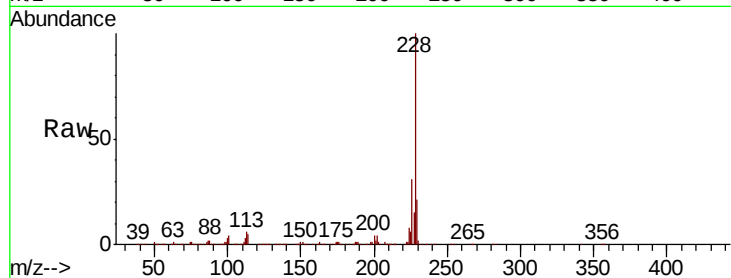
Tot Ion:228 Resp: 1097482

Ion Ratio Lower Upper

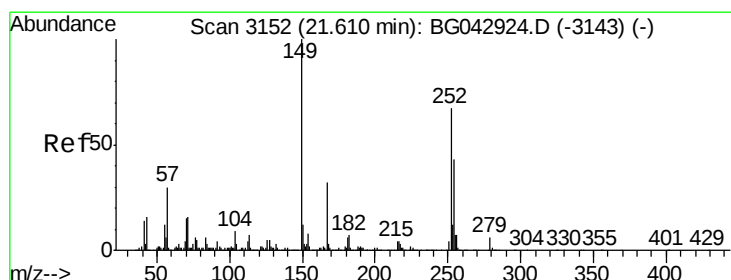
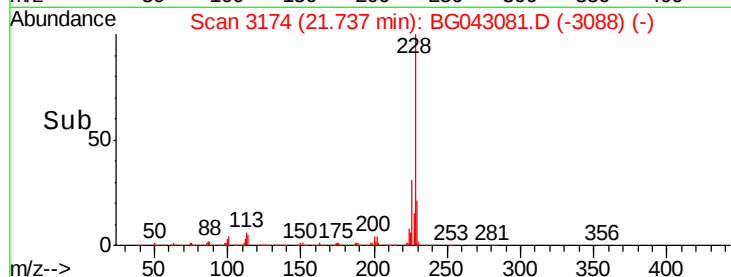
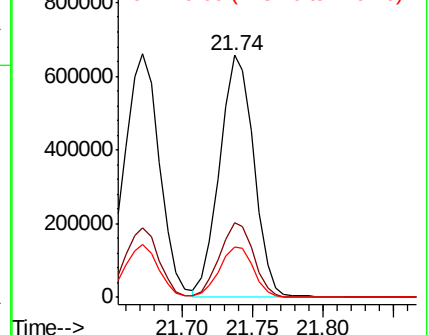
228 100

226 31.1 25.6 38.4

229 20.9 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.092 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.03 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

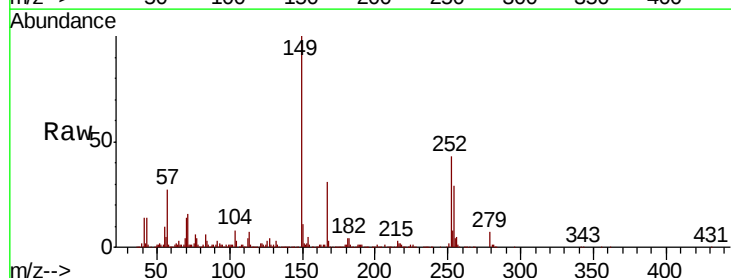
Tgt Ion:149 Resp: 607014

Ion Ratio Lower Upper

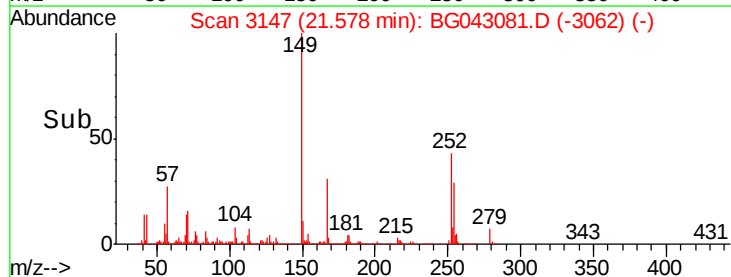
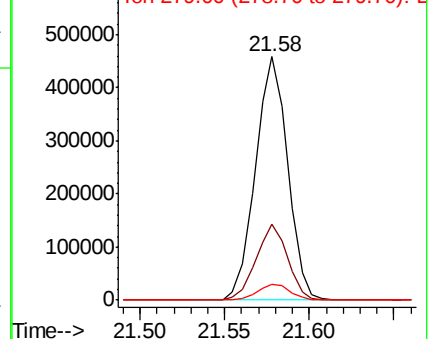
149 100

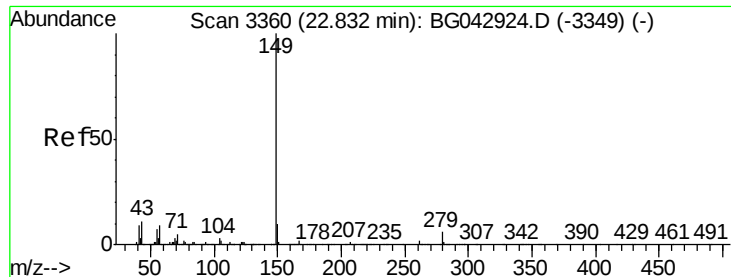
167 30.9 25.4 38.2

279 6.6 5.1 7.7



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: 44.396 ng

RT: 22.79 min Scan# 3353

Delta R.T. -0.04 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

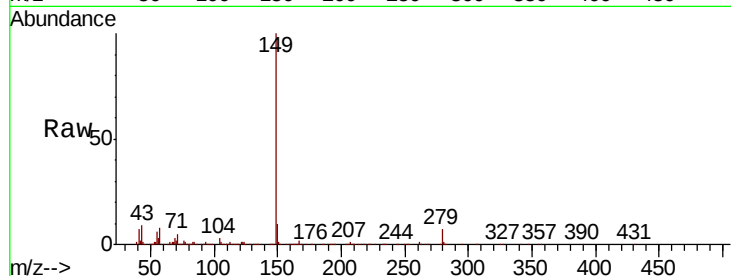
Tot Ion:149 Resp: 1022635

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

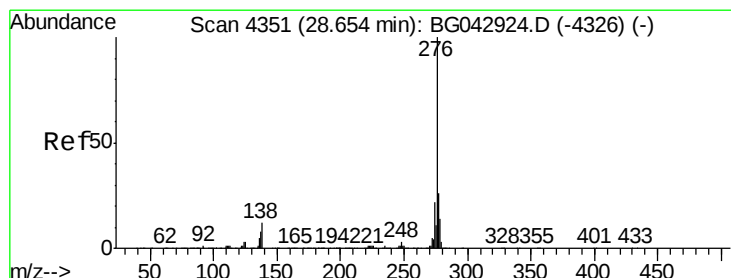
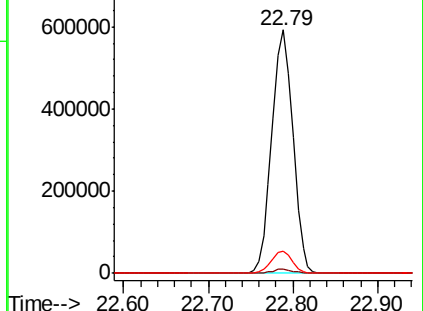
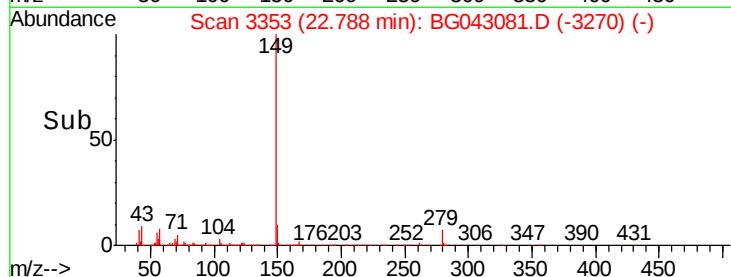
43 9.1 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.240 ng

RT: 28.57 min Scan# 4337

Delta R.T. -0.08 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

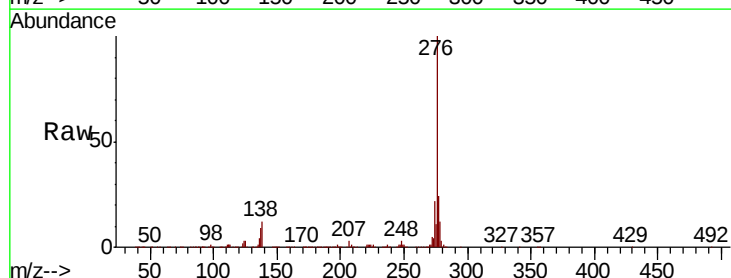
Tgt Ion:276 Resp: 1455172

Ion Ratio Lower Upper

276 100

138 6.6 7.0 10.6#

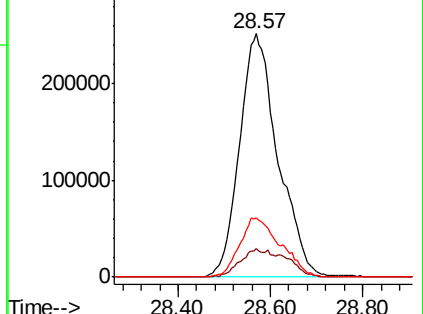
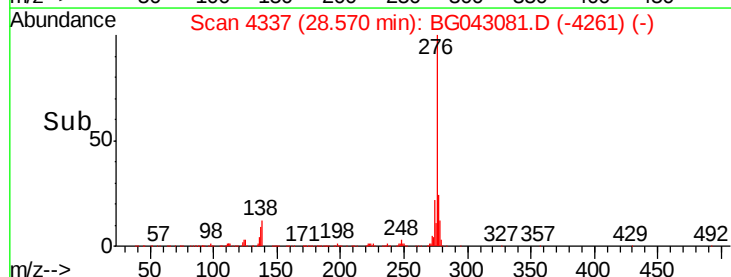
277 26.1 20.9 31.3

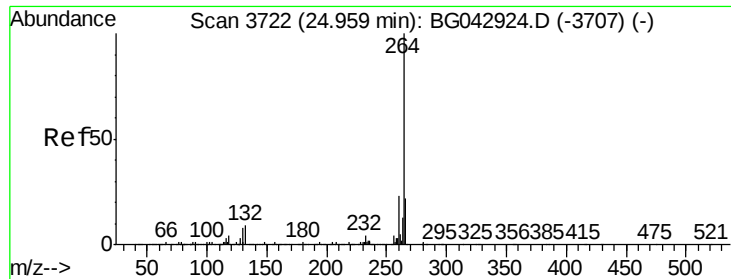


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

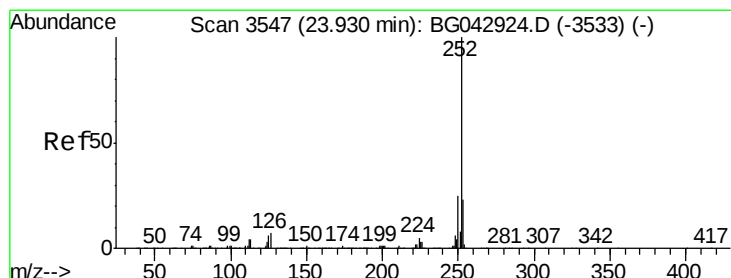
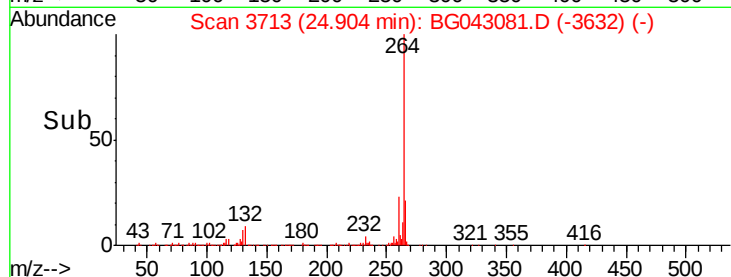
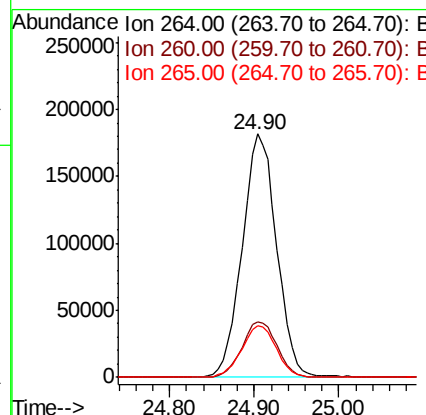
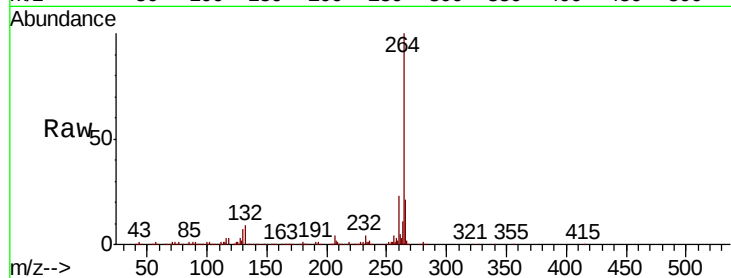




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3713
 Delta R.T. -0.05 min
 Lab File: BG043081.D
 Acq: 7 Oct 2019 23:39

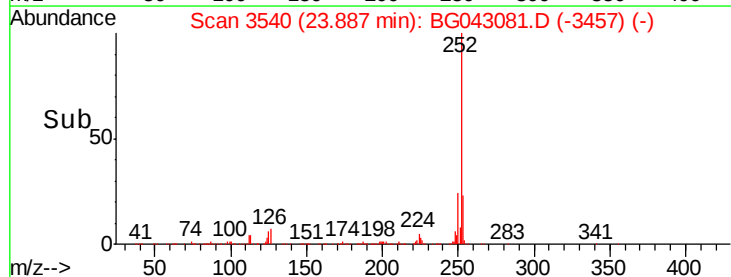
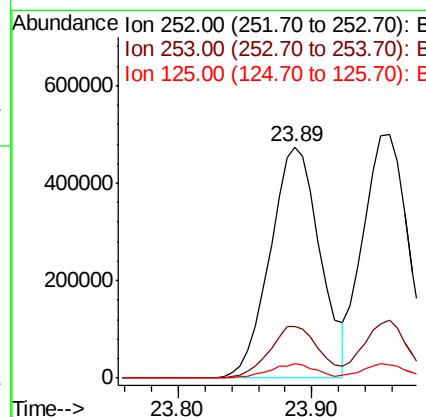
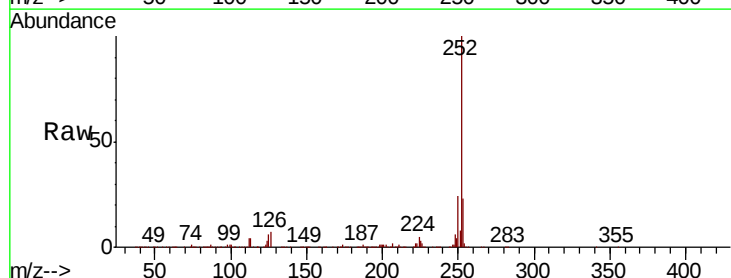
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

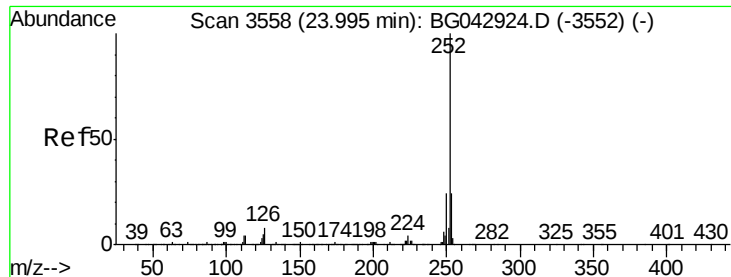
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	21.1	17.7	26.5



#88
 Benzo(b)fluoranthene
 Concen: 42.497 ng
 RT: 23.89 min Scan# 3540
 Delta R.T. -0.04 min
 Lab File: BG043081.D
 Acq: 7 Oct 2019 23:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	6.2	4.6	7.0





#89

Benzo(k)fluoranthene

Concen: 40.915 ng

RT: 23.96 min Scan# 3552

Delta R.T. -0.04 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

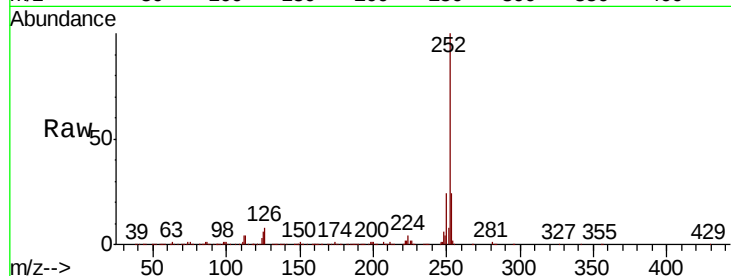
Tot Ion:252 Resp: 1173111

Ion Ratio Lower Upper

252 100

253 23.8 18.9 28.3

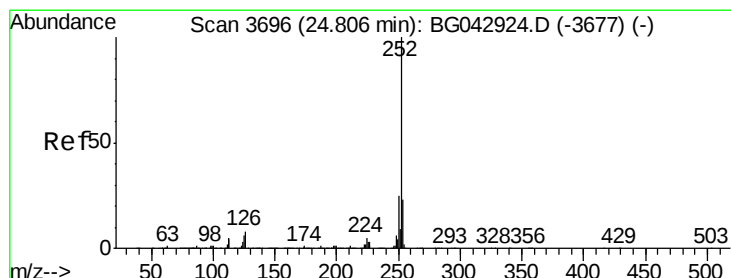
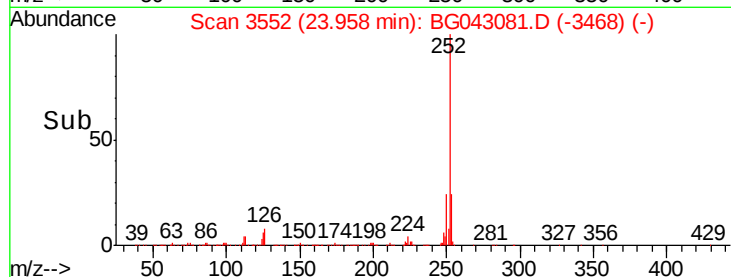
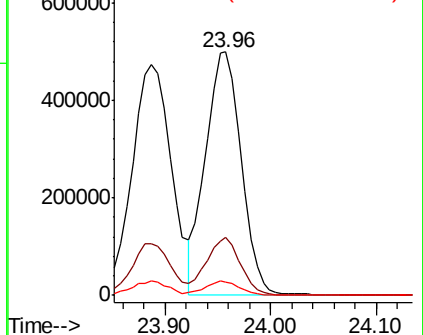
125 5.5 4.5 6.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.840 ng

RT: 24.76 min Scan# 3688

Delta R.T. -0.05 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

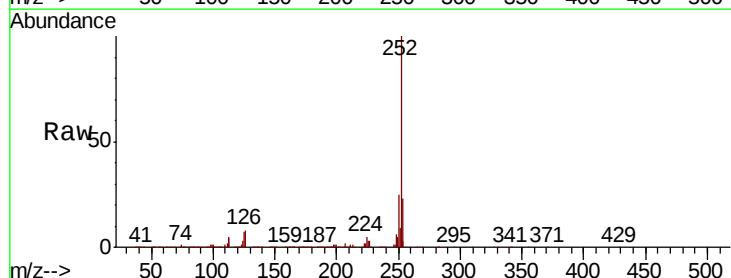
Tgt Ion:252 Resp: 1144081

Ion Ratio Lower Upper

252 100

253 23.2 18.2 27.4

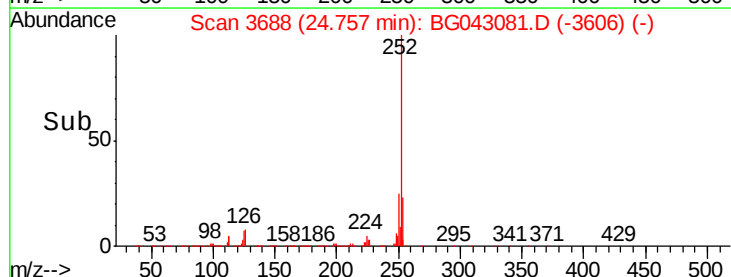
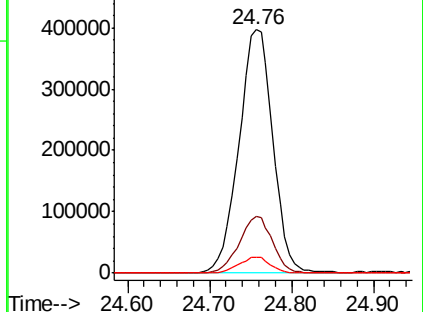
125 6.5 5.0 7.6

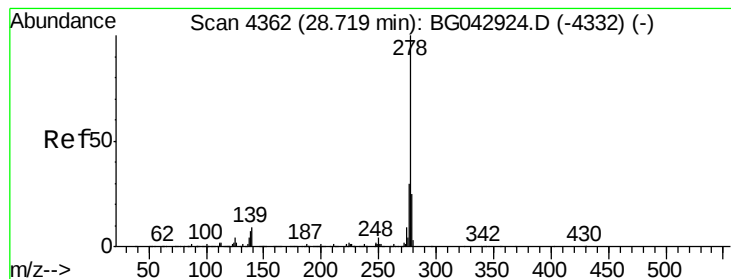


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.248 ng

RT: 28.63 min Scan# 4347

Delta R.T. -0.09 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

Instrument :

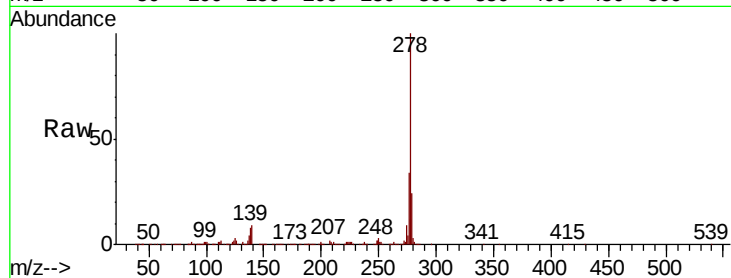
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:278 Resp: 1212650

Ion	Ratio	Lower	Upper
278	100		
139	9.2	6.8	10.2
279	23.8	20.1	30.1

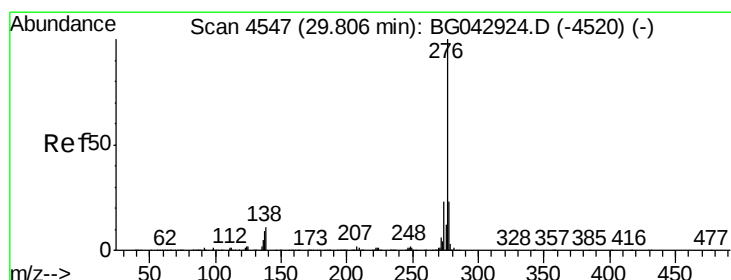
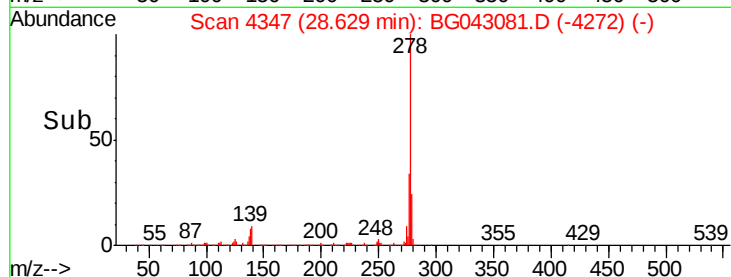
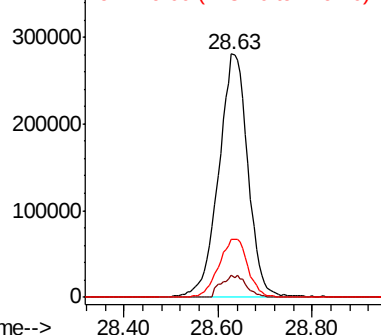


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.962 ng

RT: 29.72 min Scan# 4533

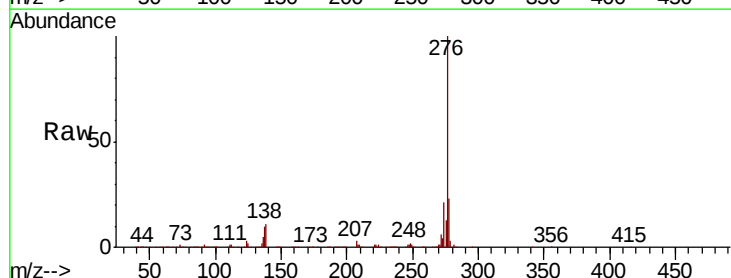
Delta R.T. -0.08 min

Lab File: BG043081.D

Acq: 7 Oct 2019 23:39

Tgt Ion:276 Resp: 1167181

Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.4	27.6
138	11.3	8.6	12.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

