

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100319\
 Data File : BG043016.D
 Acq On : 3 Oct 2019 17:48
 Operator : JU
 Sample : K5168-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13MSD

Quant Time: Oct 04 06:33:57 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	8.07	152	73782	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	273482	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	195919	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	442725	20.00	ng	0.00
76) Chrysene-d12	21.70	240	470677	20.00	ng	-0.01
87) Perylene-d12	24.93	264	549444	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	470672	113.85	ng	0.00
7) Phenol-d6	7.24	99	674408	113.28	ng	0.00
23) Nitrobenzene-d5	9.23	82	413040	73.41	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	377559	112.07	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	898586	66.49	ng	-0.01
79) Terphenyl-d14	20.04	244	1522977	68.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	58624	34.010	ng	91
3) Pyridine	3.95	79	160322	33.069	ng	91
4) n-Nitrosodimethylamine	3.86	42	95712	41.053	ng	# 79
6) Aniline	7.40	93	266147	37.033	ng	99
8) 2-Chlorophenol	7.64	128	202876	47.054	ng	98
9) Benzaldehyde	7.21	77	127933	35.165	ng	90
10) Phenol	7.27	94	281786	51.587	ng	96
11) bis(2-Chloroethyl)ether	7.49	93	179466	42.464	ng	97
12) 1,3-Dichlorobenzene	7.96	146	224089	40.742	ng	98
13) 1,4-Dichlorobenzene	8.10	146	229098	41.783	ng	98
14) 1,2-Dichlorobenzene	8.42	146	217105	41.590	ng	96
15) Benzyl Alcohol	8.31	79	197244	44.065	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	278305	34.289	ng	99
17) 2-Methylphenol	8.52	107	178182	46.620	ng	95
18) Hexachloroethane	9.15	117	81691	39.560	ng	93
19) n-Nitroso-di-n-propylamine	8.87	70	160869	41.150	ng	94
20) 3+4-Methylphenols	8.84	107	243100	46.413	ng	97
22) Acetophenone	8.89	105	302578	42.922	ng	# 96
24) Nitrobenzene	9.27	77	244158	45.493	ng	98
25) Isophorone	9.79	82	441282	44.649	ng	99
26) 2-Nitrophenol	9.98	139	119822	52.446	ng	96
27) 2,4-Dimethylphenol	10.04	122	192302	54.808	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	245149	43.718	ng	97
29) 2,4-Dichlorophenol	10.52	162	224731	51.500	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	249637	44.300	ng	96
31) Naphthalene	10.92	128	613212	45.550	ng	99
32) Benzoic acid	10.20	122	129266	47.442	ng	98
33) 4-Chloroaniline	11.03	127	163442	27.978	ng	95
34) Hexachlorobutadiene	11.21	225	175353	41.559	ng	98
35) Caprolactam	11.81	113	44023	28.608	ng	# 79
36) 4-Chloro-3-methylphenol	12.15	107	228446	48.149	ng	94
37) 2-Methylnaphthalene	12.52	142	467205	45.491	ng	94
38) 1-Methylnaphthalene	12.74	142	442096	45.493	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	309215	41.976	ng	100

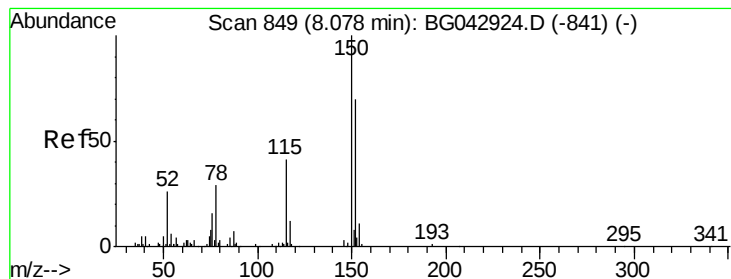
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	375188	79.937	ng	95
43) 2,4,6-Trichlorophenol	13.13	196	200761	46.563	ng	97
44) 2,4,5-Trichlorophenol	13.20	196	221634	49.900	ng	99
46) 1,1'-Biphenyl	13.52	154	632268	42.556	ng	97
47) 2-Chloronaphthalene	13.56	162	498359	44.739	ng	99
48) 2-Nitroaniline	13.77	65	161267	43.535	ng	89
49) Acenaphthylene	14.41	152	798543	46.849	ng	98
50) Dimethylphthalate	14.14	163	767542	52.287	ng	99
51) 2,6-Dinitrotoluene	14.26	165	149192	47.725	ng	94
52) Acenaphthene	14.75	154	494074	43.306	ng	97
53) 3-Nitroaniline	14.59	138	106934	33.100	ng	94
54) 2,4-Dinitrophenol	14.79	184	169055	87.001	ng	93
55) Dibenzofuran	15.08	168	763969	45.267	ng	100
56) 4-Nitrophenol	14.90	139	236551	96.098	ng	96
57) 2,4-Dinitrotoluene	15.04	165	210145	45.905	ng	95
58) Fluorene	15.73	166	638578	44.318	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.31	232	216500	45.780	ng	100
60) Diethylphthalate	15.50	149	628269	42.055	ng	98
61) 4-Chlorophenyl-phenylether	15.73	204	373137	43.179	ng	99
62) 4-Nitroaniline	15.75	138	148778	42.225	ng	97
63) Azobenzene	16.02	77	570138	41.918	ng	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	122344	48.835	ng	94
66) n-Nitrosodiphenylamine	15.94	169	569507	48.729	ng	100
67) 4-Bromophenyl-phenylether	16.62	248	257421	46.327	ng	96
68) Hexachlorobenzene	16.74	284	285874	46.206	ng	96
69) Atrazine	16.88	200	215256	43.738	ng	96
70) Pentachlorophenol	17.08	266	360943	101.104	ng	98
71) Phenanthrene	17.48	178	1022570	47.311	ng	98
72) Anthracene	17.56	178	1028953	47.686	ng	98
73) Carbazole	17.83	167	932440	46.600	ng	99
74) Di-n-butylphthalate	18.39	149	1066495	44.673	ng	99
75) Fluoranthene	19.48	202	1340413	46.887	ng	99
77) Benzidine	19.66	184	804407	68.255	ng	99
78) Pyrene	19.84	202	1350863	48.086	ng	99
80) Butylbenzylphthalate	20.73	149	499738	46.865	ng	97
81) Benzo(a)anthracene	21.68	228	1355335	46.214	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	391915	34.072	ng	99
83) Chrysene	21.75	228	1311045	46.066	ng	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	711313	46.879	ng	98
85) Di-n-octyl phthalate	22.80	149	1209771	48.758	ng	97
86) Indeno(1,2,3-cd)pyrene	28.59	276	1732490	48.898	ng	# 96
88) Benzo(b)fluoranthene	23.90	252	1447210	46.551	ng	98
89) Benzo(k)fluoranthene	23.97	252	1427997	46.430	ng	99
90) Benzo(a)pyrene	24.77	252	1439104	49.064	ng	99
91) Dibenzo(a,h)anthracene	28.66	278	1451286	48.253	ng	98
92) Benzo(g,h,i)perylene	29.74	276	1419604	48.713	ng	97

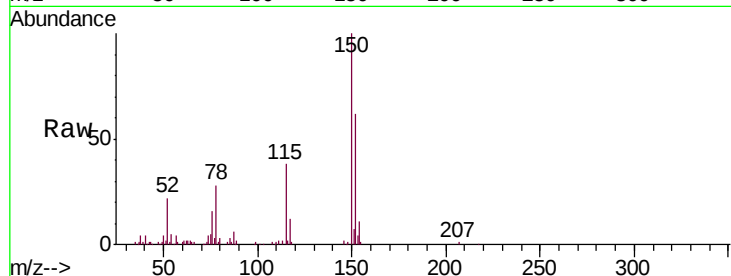
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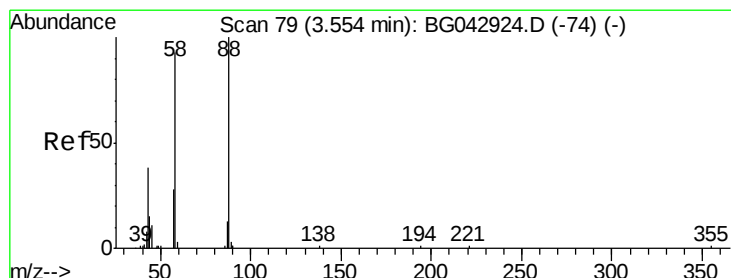
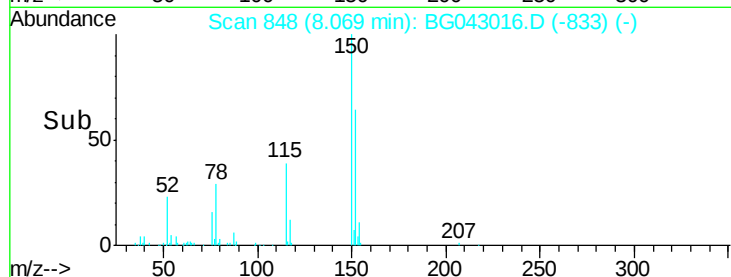
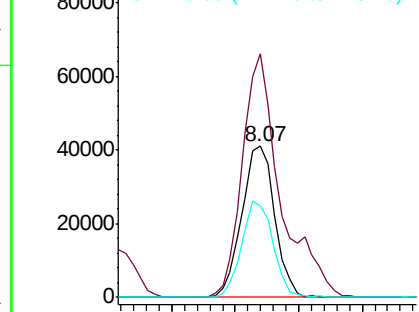
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13MSD

Tgt Ion:152 Resp: 73782
 Ion Ratio Lower Upper
 152 100
 150 161.1 115.0 172.4
 115 60.7 47.0 70.6

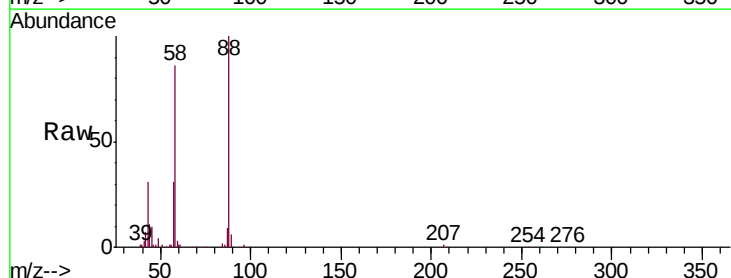


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

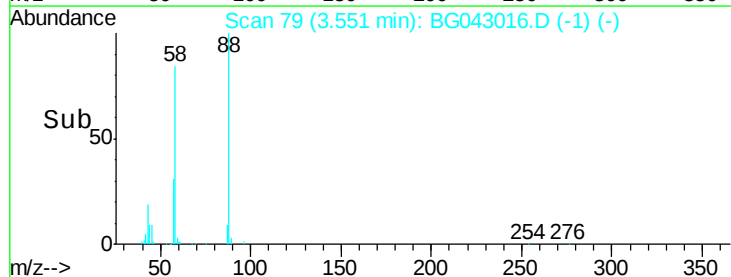
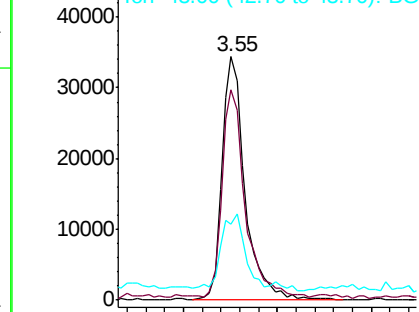


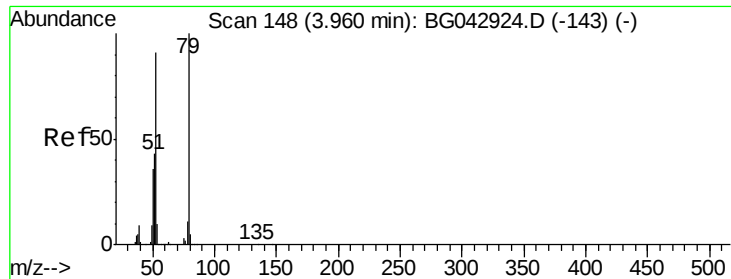
#2
 1,4-Dioxane
 Concen: 34.010 ng
 RT: 3.55 min Scan# 79
 Delta R.T. -0.00 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

Tgt Ion: 88 Resp: 58624
 Ion Ratio Lower Upper
 88 100
 58 84.7 74.3 111.5
 43 31.2 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

Pyridine

Concen: 33.069 ng

RT: 3.95 min Scan# 147

Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Instrument :

BNA_G

ClientSampleId :

2019073-SS-COMPOSITE-13MSD

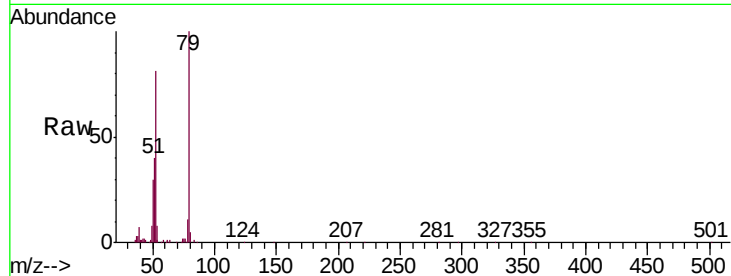
Tgt Ion: 79 Resp: 160322

Ion Ratio Lower Upper

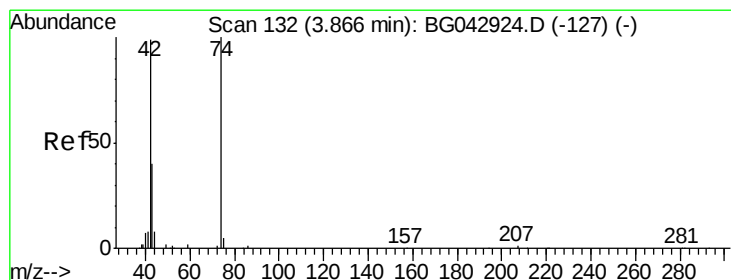
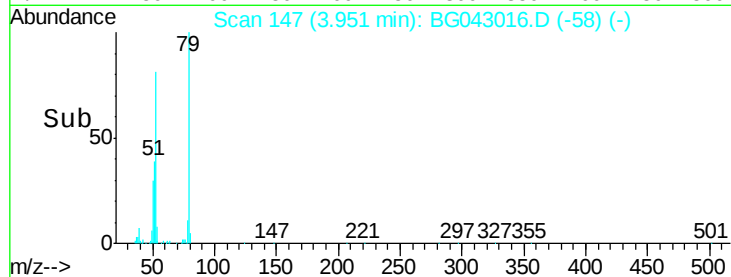
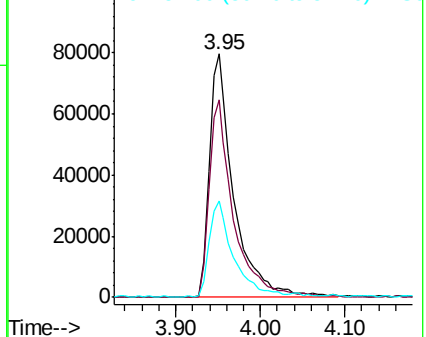
79 100

52 80.9 73.0 109.4

51 39.8 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: 41.053 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.00 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

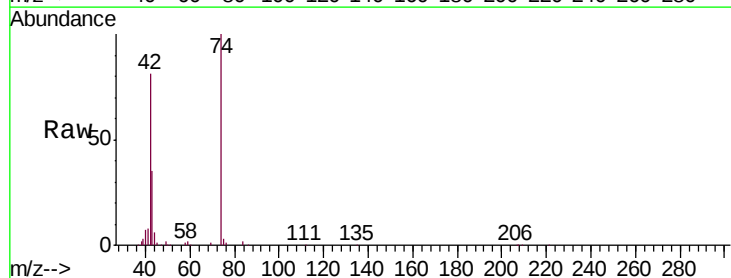
Tgt Ion: 42 Resp: 95712

Ion Ratio Lower Upper

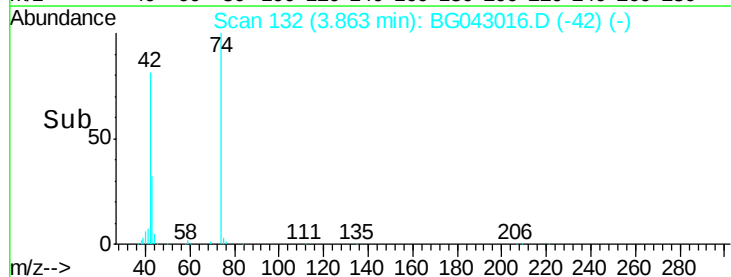
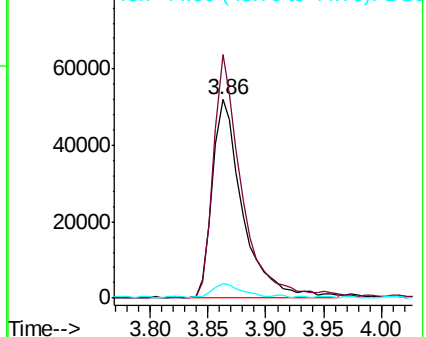
42 100

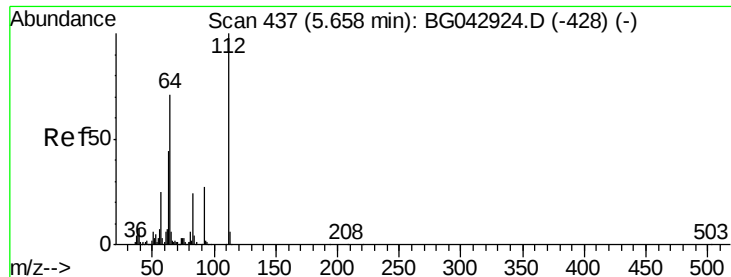
74 122.7 80.5 120.7#

44 7.1 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: 113.845 ng

RT: 5.65 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Instrument :

BNA_G

ClientSampleId :

2019073-SS-COMPOSITE-13MSD

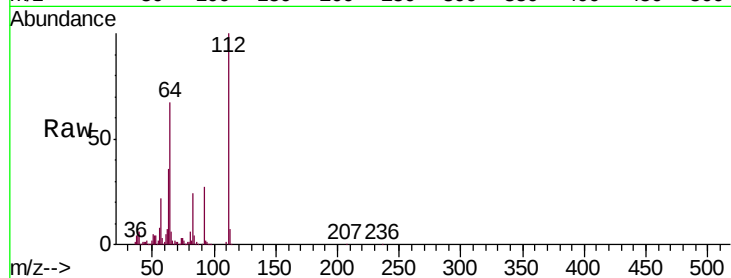
Tgt Ion: 112 Resp: 470672

Ion Ratio Lower Upper

112 100

64 66.5 56.6 84.8

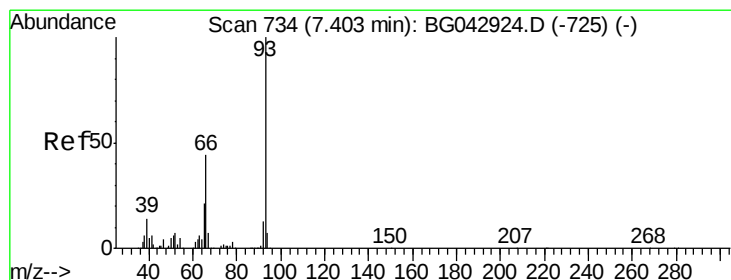
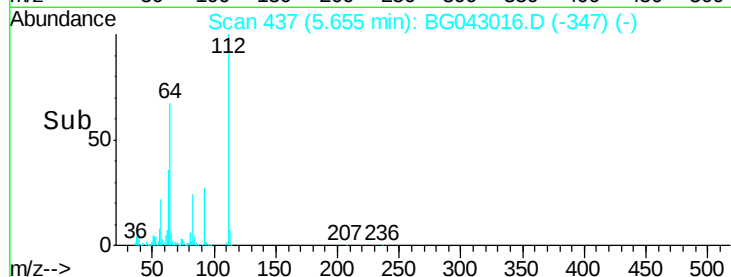
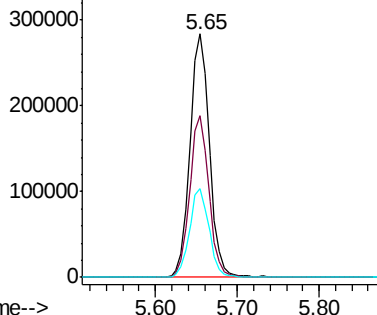
63 36.3 35.1 52.7



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: 37.033 ng

RT: 7.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

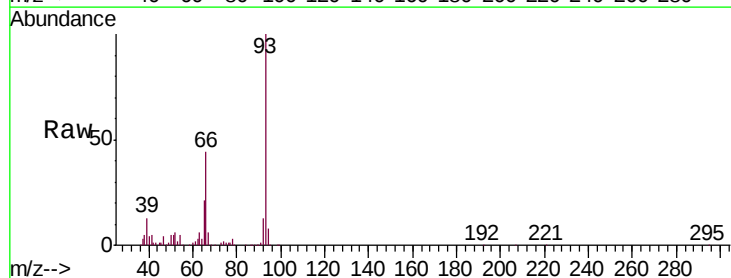
Tgt Ion: 93 Resp: 266147

Ion Ratio Lower Upper

93 100

66 44.0 35.0 52.6

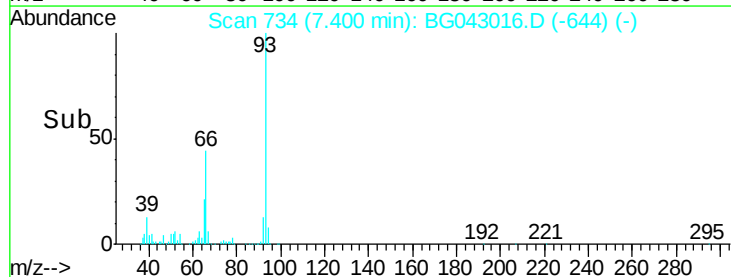
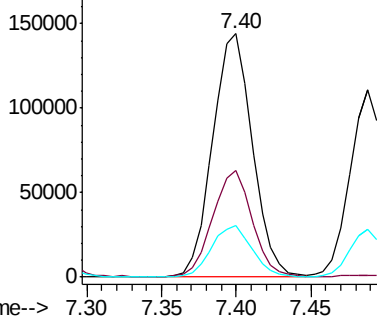
65 21.2 17.4 26.0

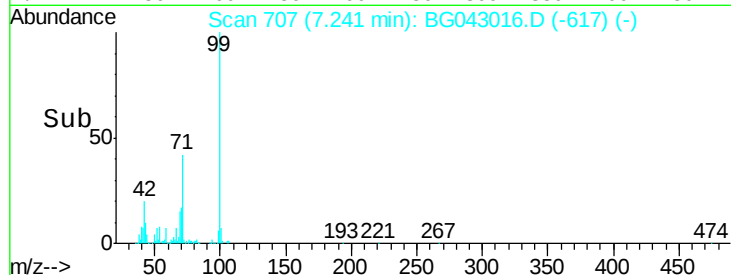
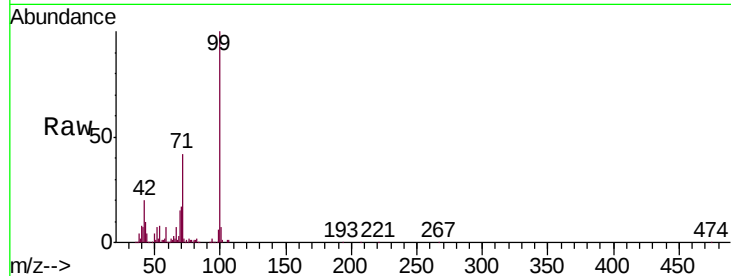
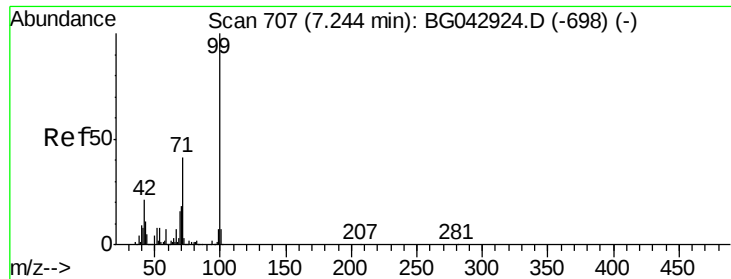


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 113.276 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG043016.D

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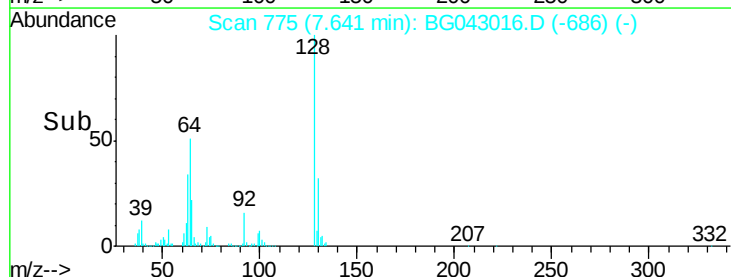
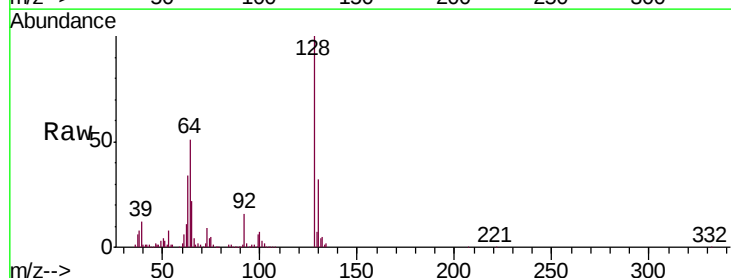
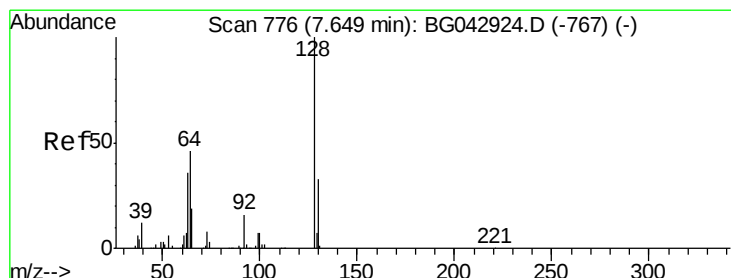
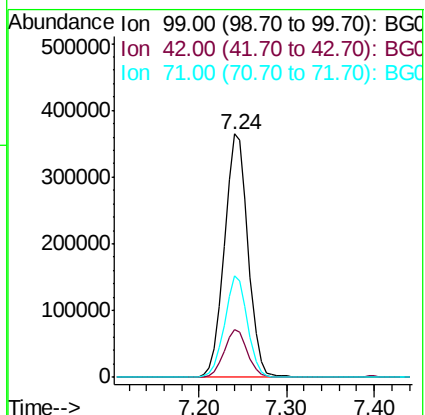
Tgt Ion: 99 Resp: 674408

Ion Ratio Lower Upper

99 100

42 19.8 17.2 25.8

71 41.5 33.1 49.7



#8

2-Chlorophenol

Concen: 47.054 ng

RT: 7.64 min Scan# 775

Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

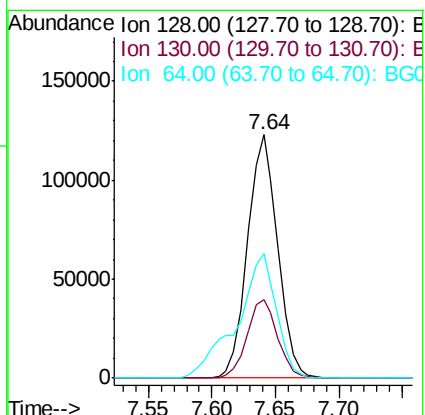
Tgt Ion: 128 Resp: 202876

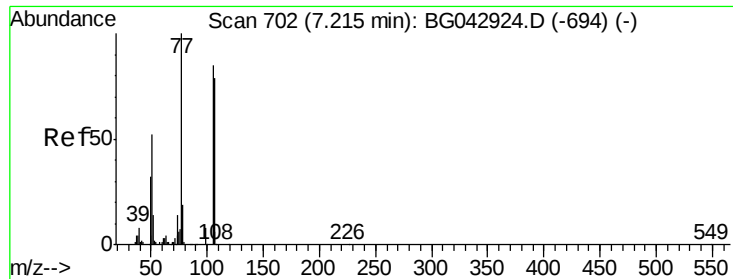
Ion Ratio Lower Upper

128 100

130 32.1 12.5 52.5

64 51.3 32.8 72.8





#9

Benzaldehyde

Concen: 35.165 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Instrument :

BNA_G

ClientSampleId :

2019073-SS-COMPOSITE-13MSD

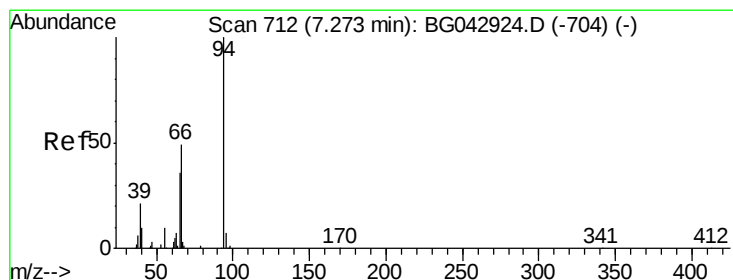
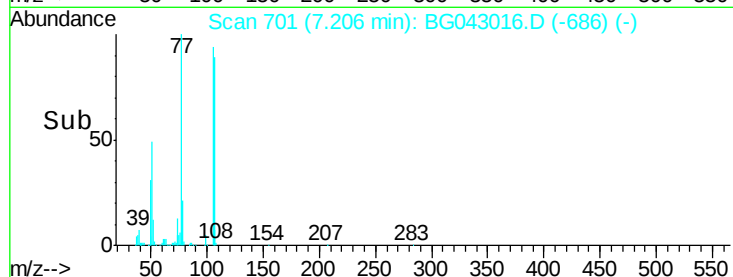
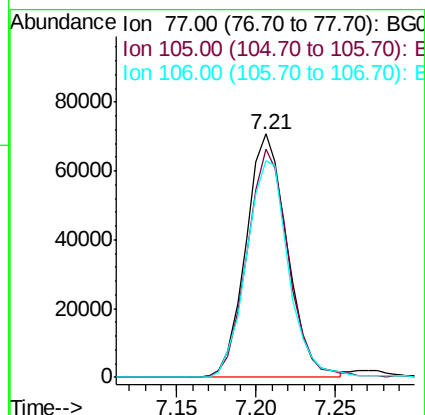
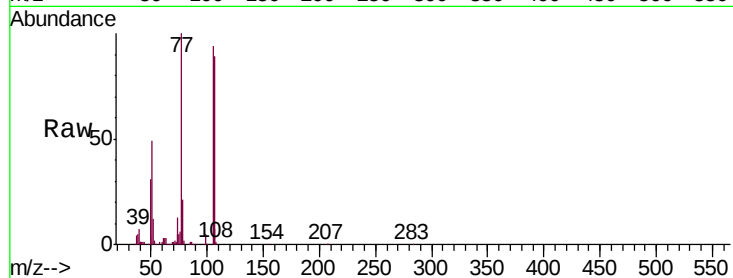
Tgt Ion: 77 Resp: 127933

Ion Ratio Lower Upper

77 100

105 93.7 64.6 104.6

106 89.1 59.4 99.4



#10

Phenol

Concen: 51.587 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

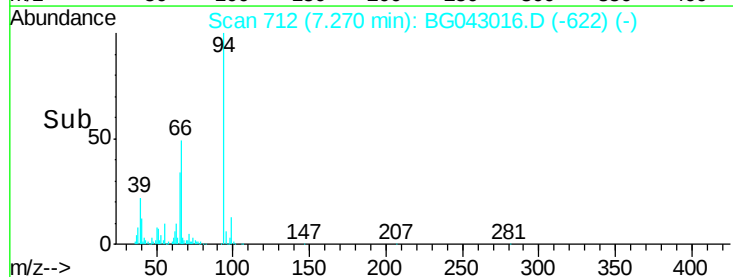
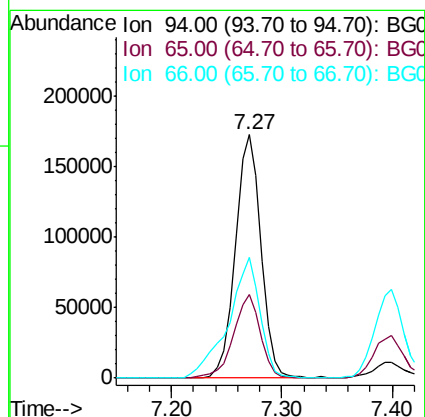
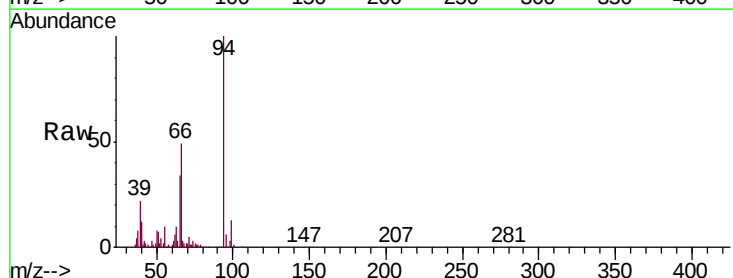
Tgt Ion: 94 Resp: 281786

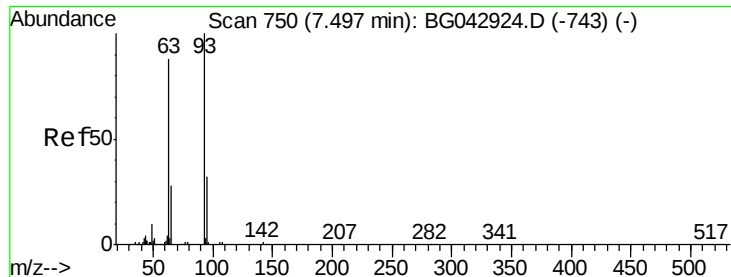
Ion Ratio Lower Upper

94 100

65 34.5 16.6 56.6

66 49.4 32.4 72.4

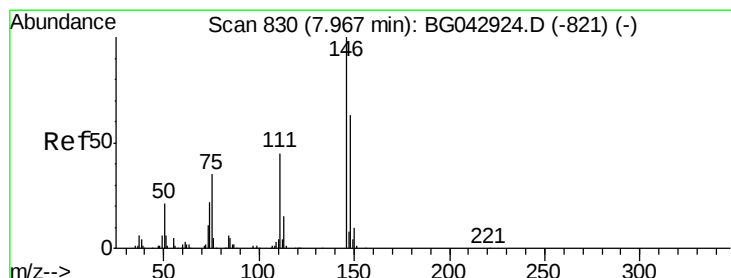
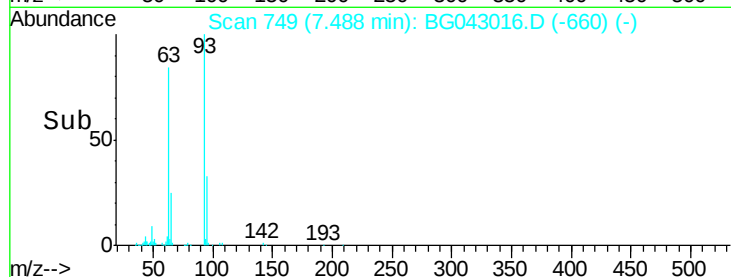
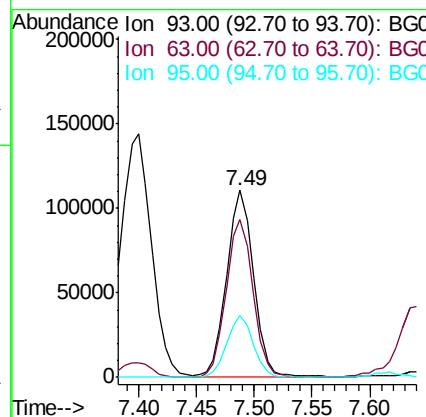
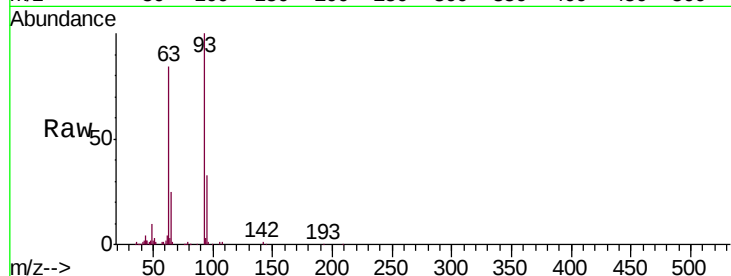




#11
 bis(2-Chloroethyl)ether
 Concen: 42.464 ng
 RT: 7.49 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

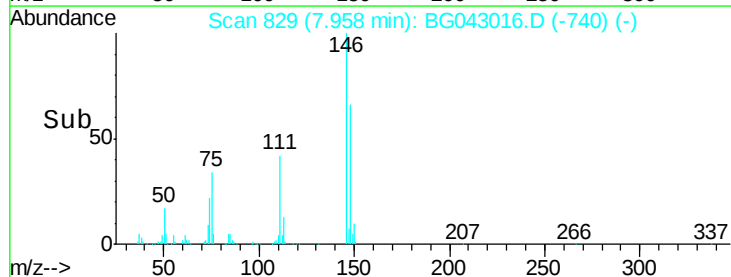
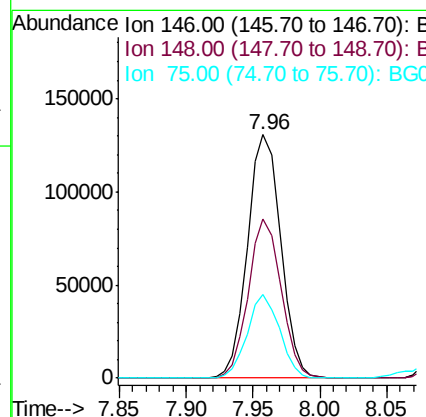
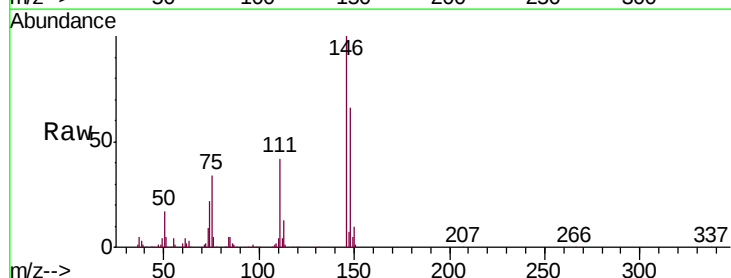
Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13MSD

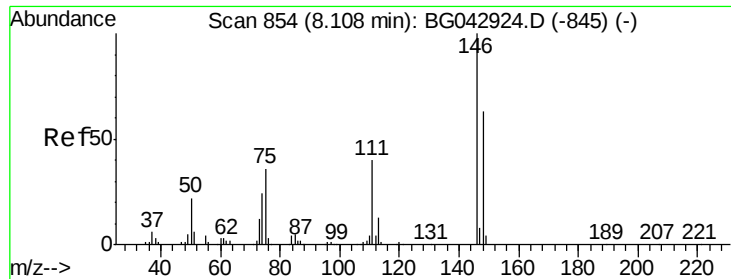
Tgt Ion: 93 Resp: 179466
 Ion Ratio Lower Upper
 93 100
 63 84.3 67.4 107.4
 95 33.3 11.9 51.9



#12
 1,3-Dichlorobenzene
 Concen: 40.742 ng
 RT: 7.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

Tgt Ion: 146 Resp: 224089
 Ion Ratio Lower Upper
 146 100
 148 65.6 50.7 76.1
 75 34.4 27.7 41.5

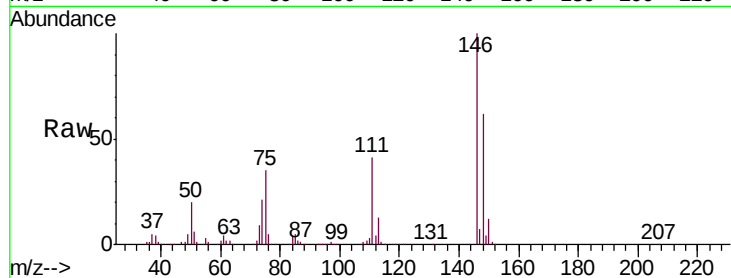




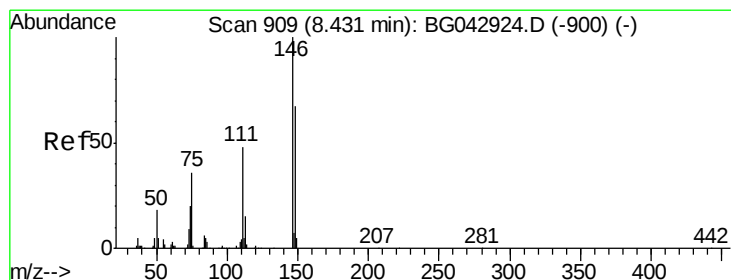
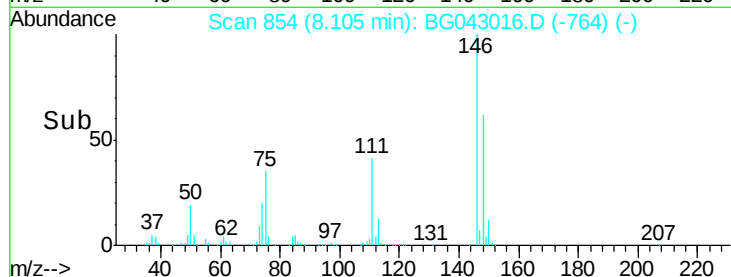
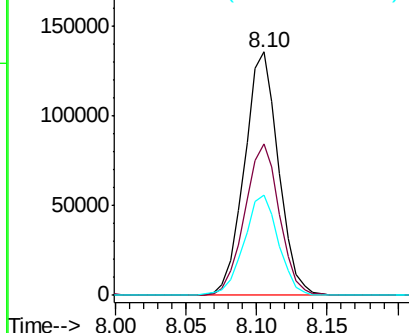
#13
 1,4-Dichlorobenzene
 Concen: 41.783 ng
 RT: 8.10 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13MSD

Tgt Ion:146 Resp: 229098
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.9 76.3
 111 40.9 31.8 47.8

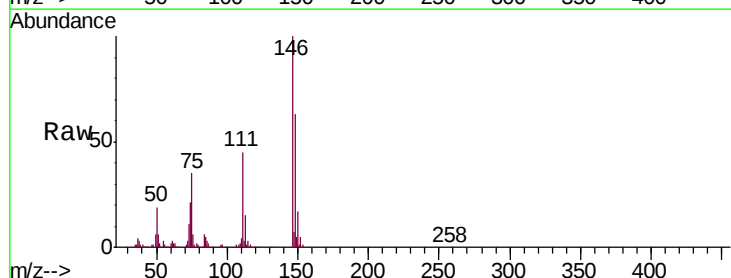


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

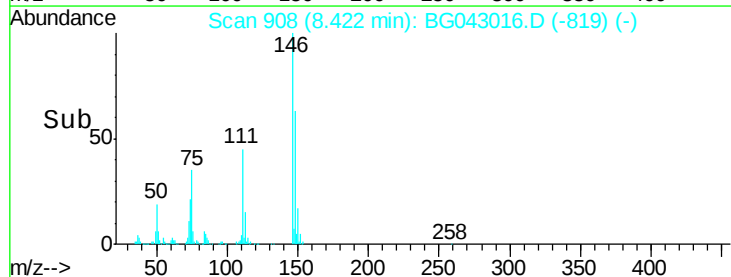
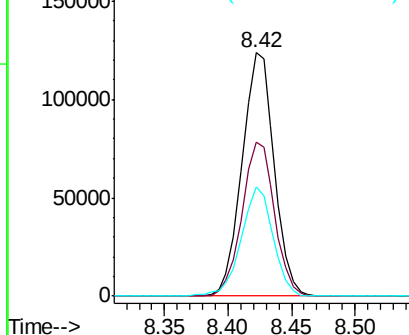


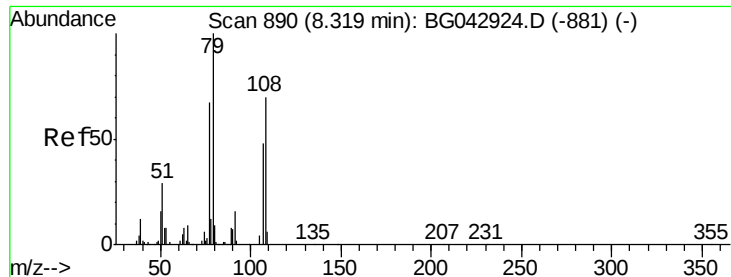
#14
 1,2-Dichlorobenzene
 Concen: 41.590 ng
 RT: 8.42 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

Tgt Ion:146 Resp: 217105
 Ion Ratio Lower Upper
 146 100
 148 63.4 53.4 80.2
 111 44.8 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: 44.065 ng

RT: 8.31 min Scan# 889

Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Instrument :

BNA_G

ClientSampleId :

2019073-SS-COMPOSITE-13MSD

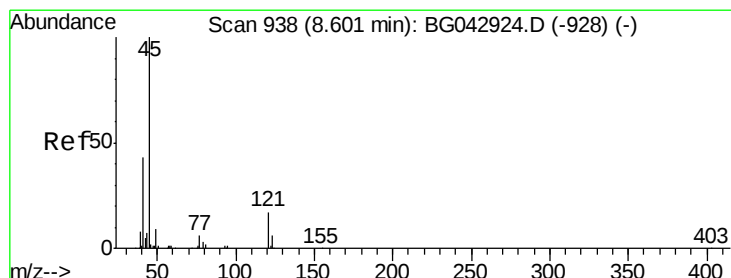
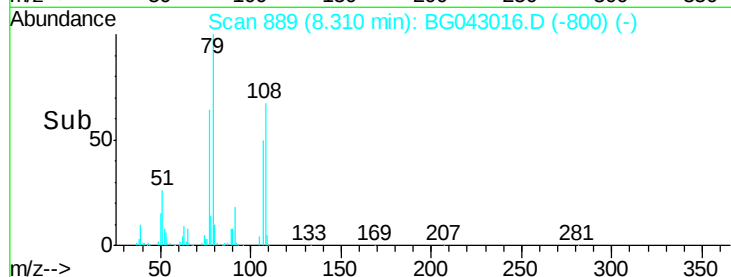
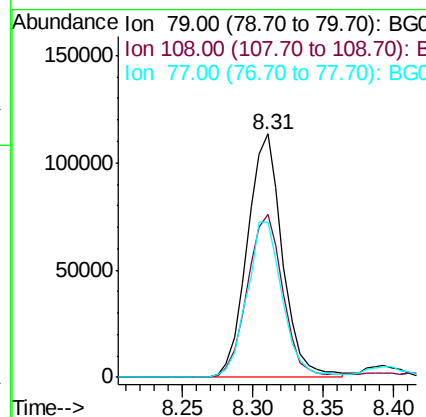
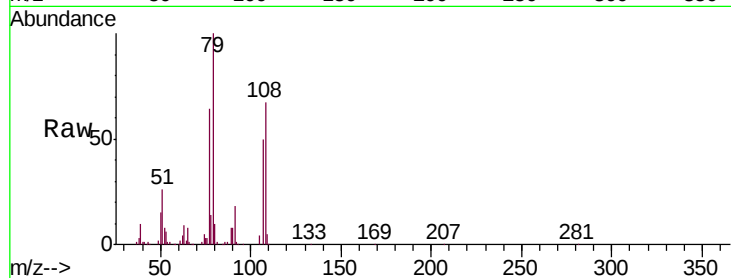
Tgt Ion: 79 Resp: 197244

Ion Ratio Lower Upper

79 100

108 66.9 55.7 83.5

77 63.6 53.3 79.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.289 ng

RT: 8.59 min Scan# 937

Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

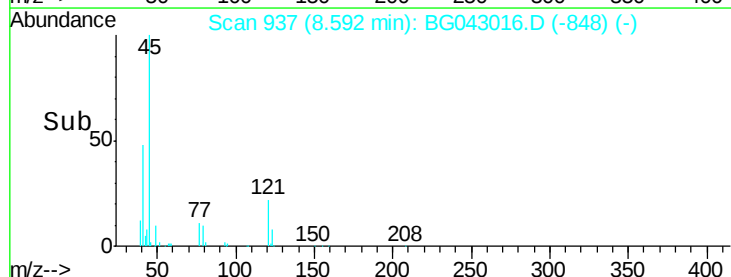
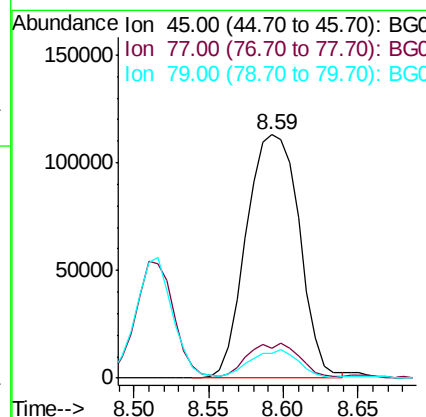
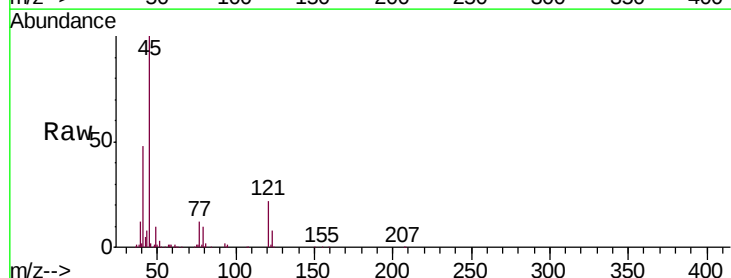
Tgt Ion: 45 Resp: 278305

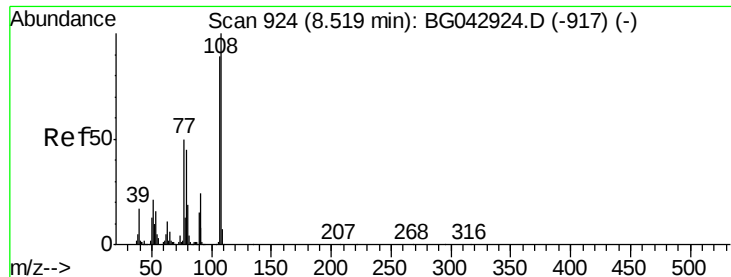
Ion Ratio Lower Upper

45 100

77 12.5 0.0 32.8

79 10.3 0.0 29.4

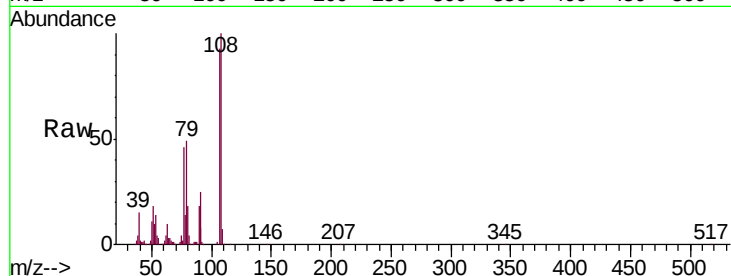




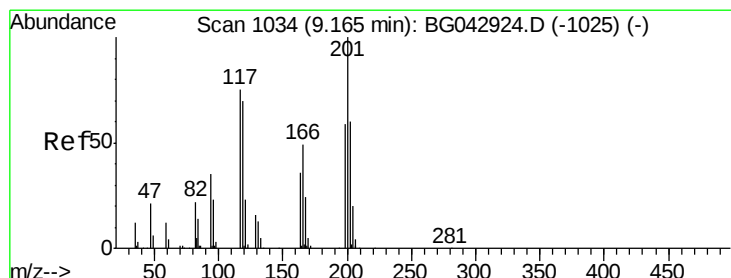
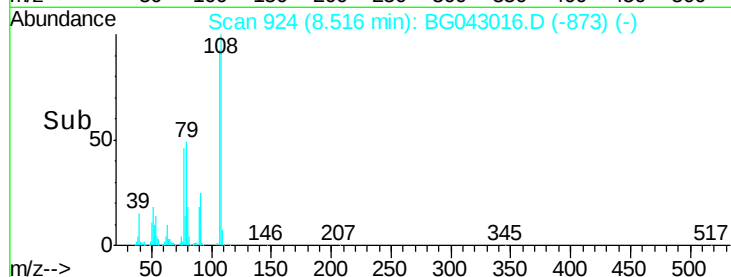
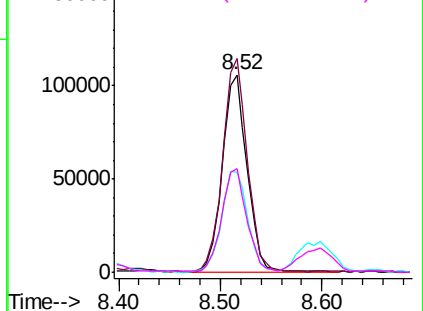
#17
2-Methylphenol
Concen: 46.620 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tgt Ion:107 Resp: 178182
Ion Ratio Lower Upper
107 100
108 108.0 89.9 134.9
77 50.2 45.4 68.2
79 52.8 41.4 62.0

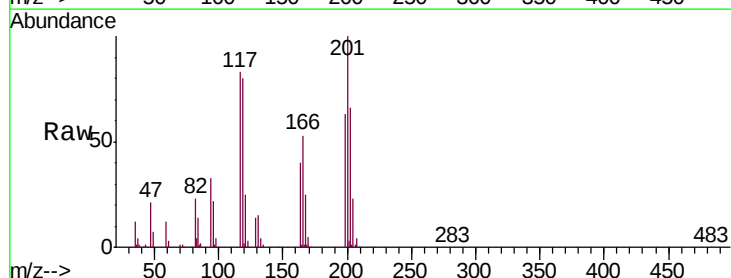


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

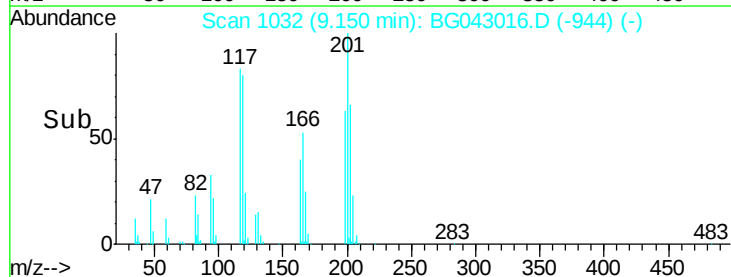
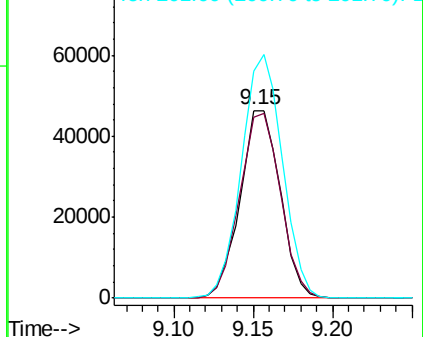


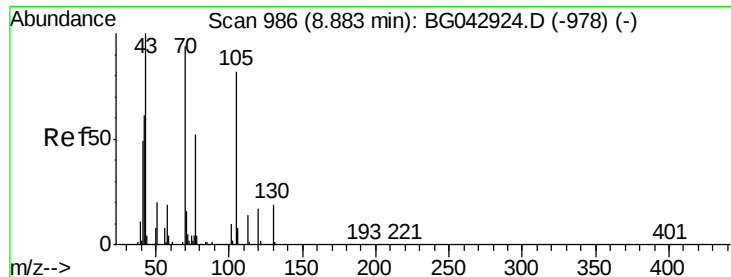
#18
Hexachloroethane
Concen: 39.560 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion:117 Resp: 81691
Ion Ratio Lower Upper
117 100
119 96.4 74.6 111.8
201 121.0 106.0 159.0



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

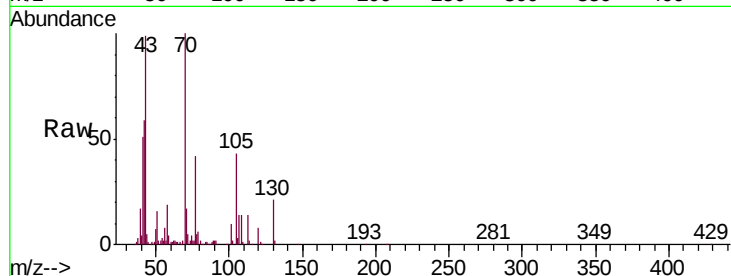




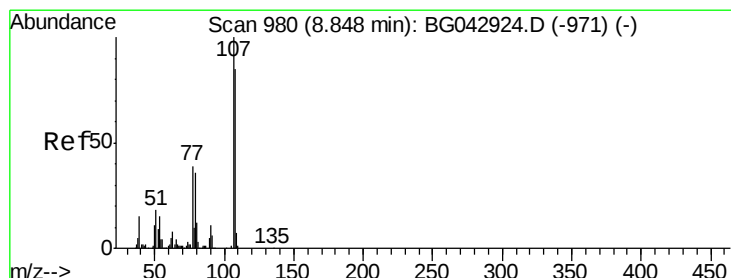
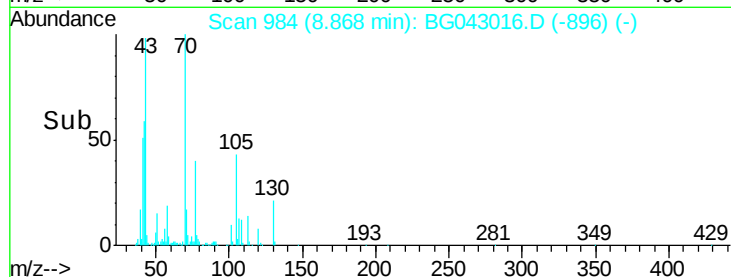
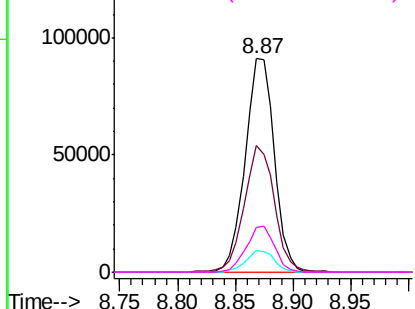
#19
n-Nitroso-di-n-propylamine
Concen: 41.150 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tgt Ion: 70 Resp: 160869
Ion Ratio Lower Upper
70 100
42 59.3 52.6 79.0
101 10.2 8.7 13.1
130 21.0 15.8 23.8

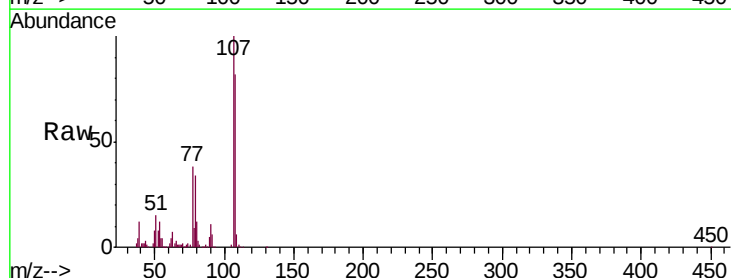


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

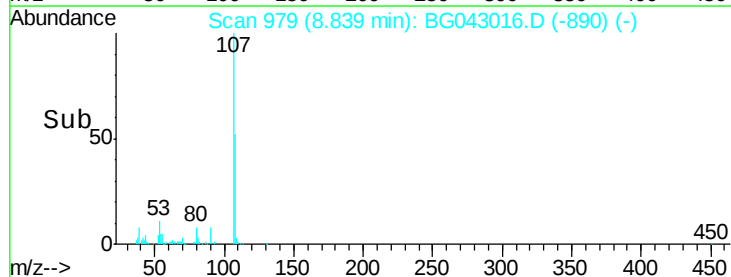
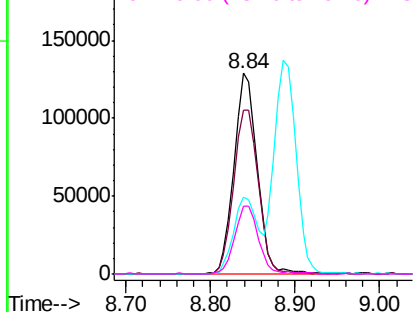


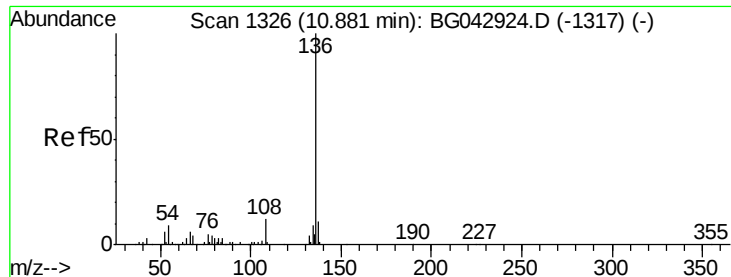
#20
3+4-Methylphenols
Concen: 46.413 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion: 107 Resp: 243100
Ion Ratio Lower Upper
107 100
108 81.8 64.9 104.9
77 38.2 19.4 59.4
79 33.8 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

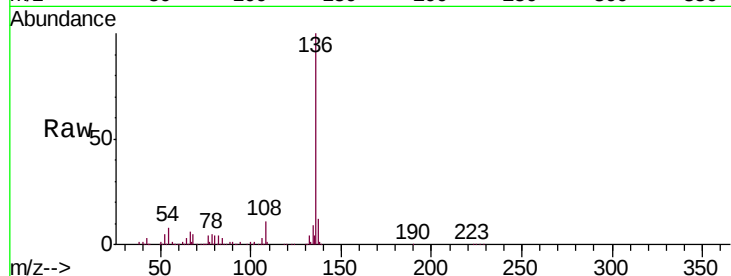




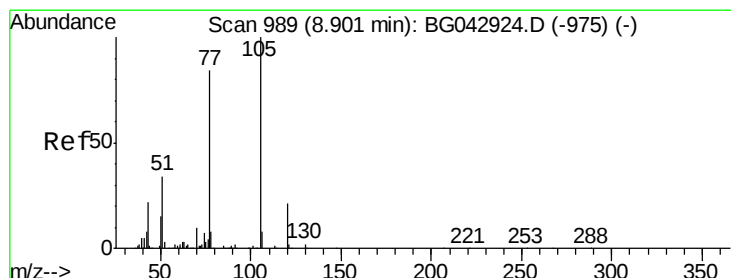
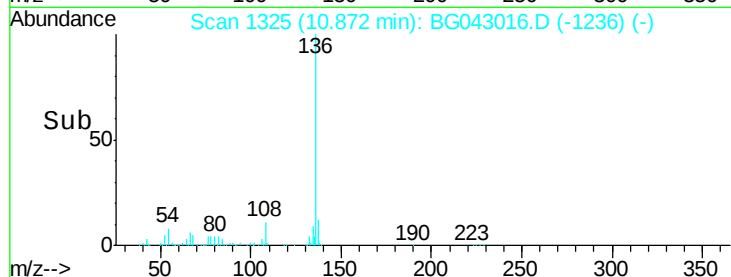
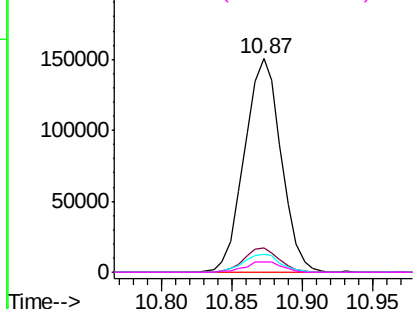
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tgt Ion:	136	Resp:	273482
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.5	12.7
54	8.3	7.4	11.2
68	5.1	3.6	5.4

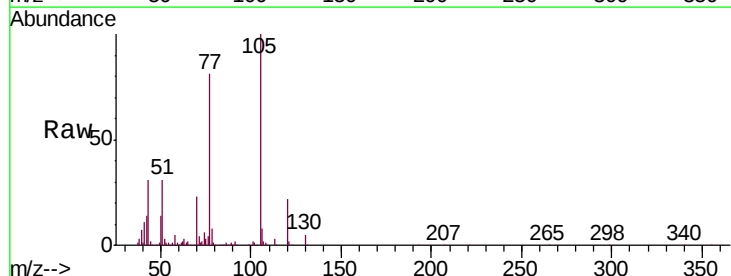


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

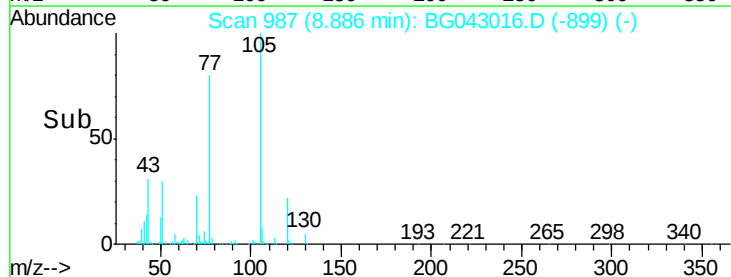
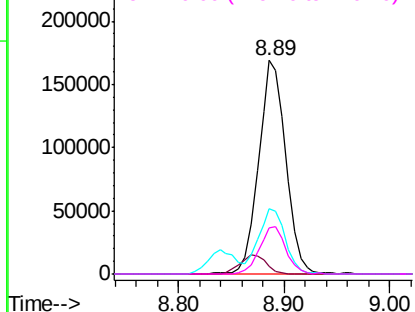


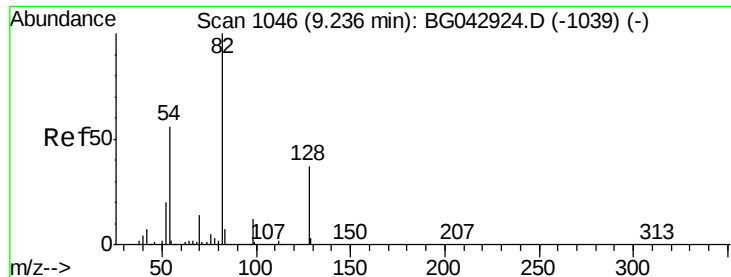
#22
Acetophenone
Concen: 42.922 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion:	105	Resp:	302578
Ion	Ratio	Lower	Upper
105	100		
71	3.6	1.2	1.8#
51	30.6	27.2	40.8
120	21.6	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

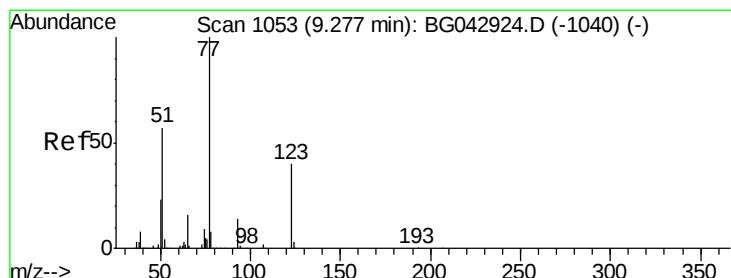
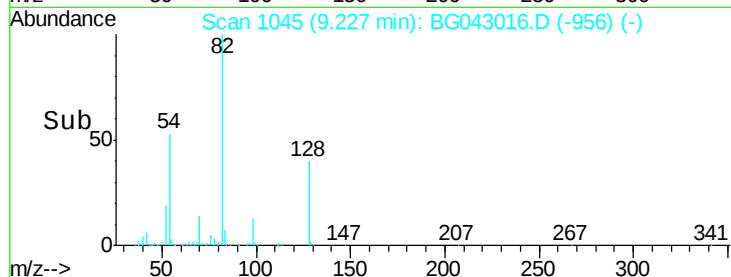
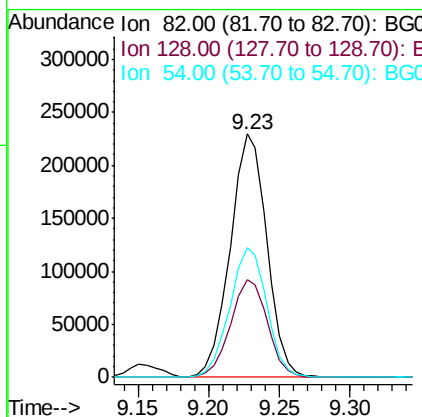
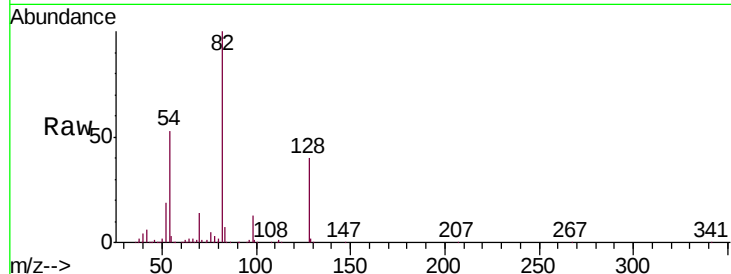




#23
 Nitrobenzene-d5
 Concen: 73.408 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

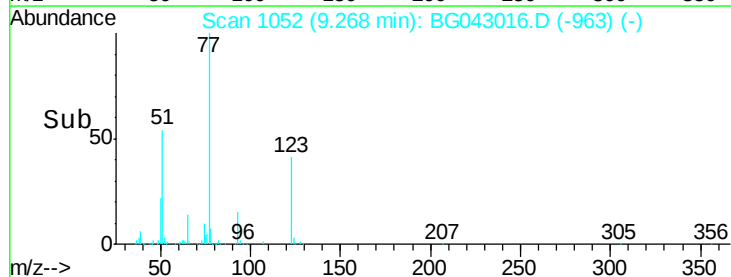
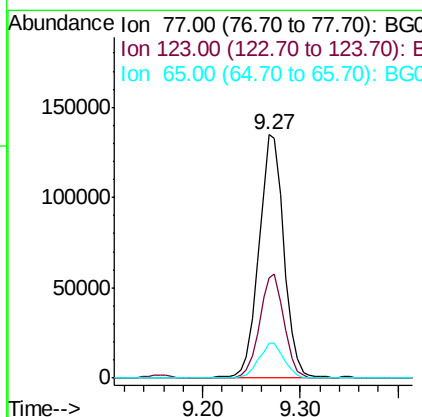
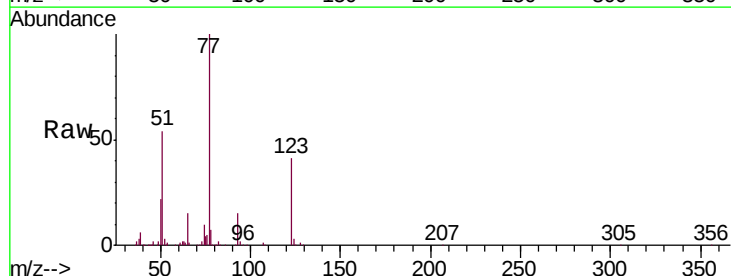
Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13MSD

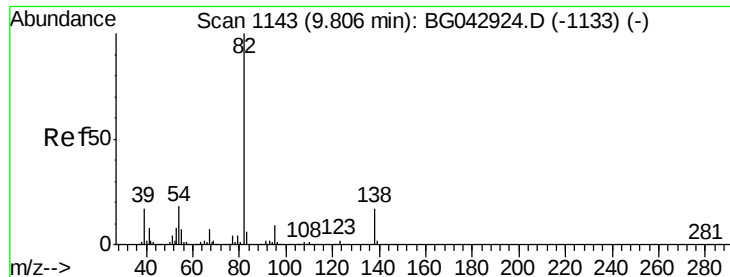
Tgt Ion: 82 Resp: 413040
 Ion Ratio Lower Upper
 82 100
 128 40.0 29.5 44.3
 54 53.4 44.6 67.0



#24
 Nitrobenzene
 Concen: 45.493 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

Tgt Ion: 77 Resp: 244158
 Ion Ratio Lower Upper
 77 100
 123 41.3 31.9 47.9
 65 14.6 12.4 18.6





#25

Isophorone

Concen: 44.649 ng

RT: 9.79 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Instrument :

BNA_G

ClientSampleId :

2019073-SS-COMPOSITE-13MSD

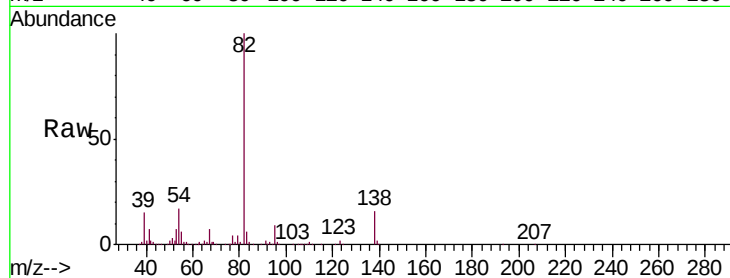
Tgt Ion: 82 Resp: 441282

Ion Ratio Lower Upper

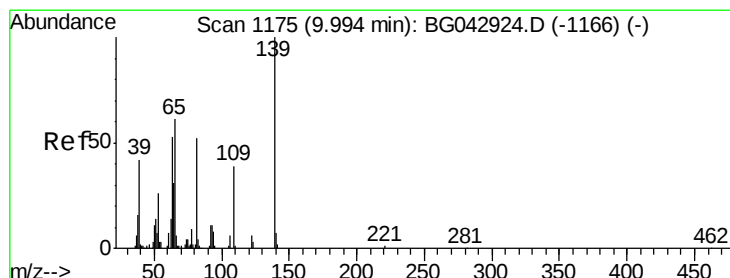
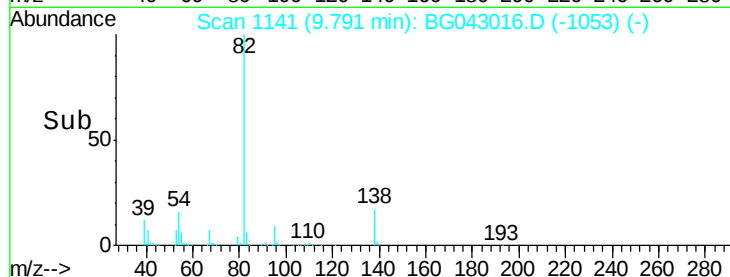
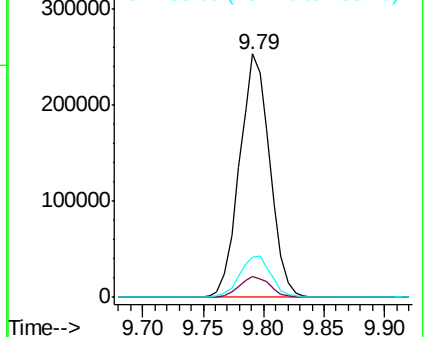
82 100

95 8.7 7.0 10.4

138 16.5 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: 52.446 ng

RT: 9.98 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

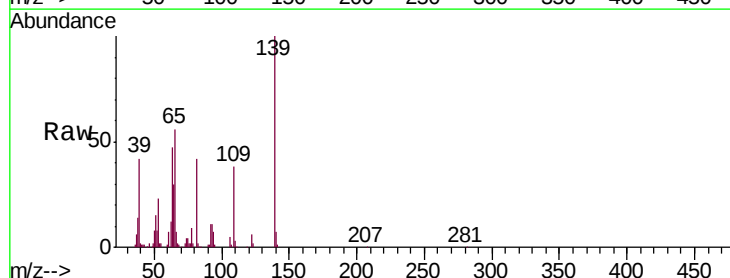
Tgt Ion: 139 Resp: 119822

Ion Ratio Lower Upper

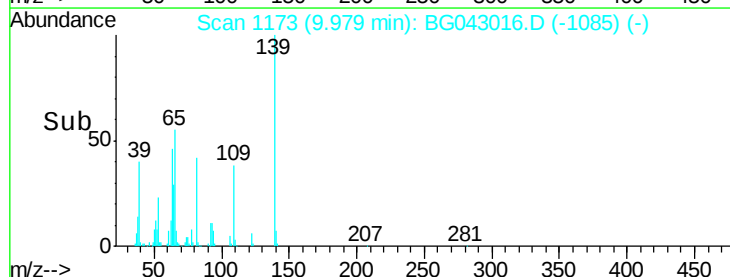
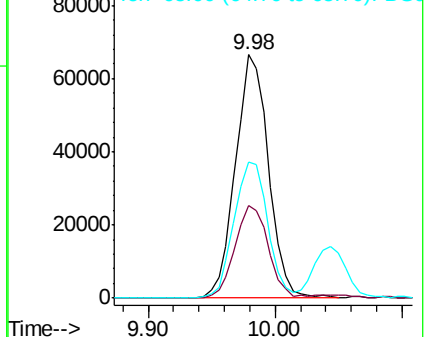
139 100

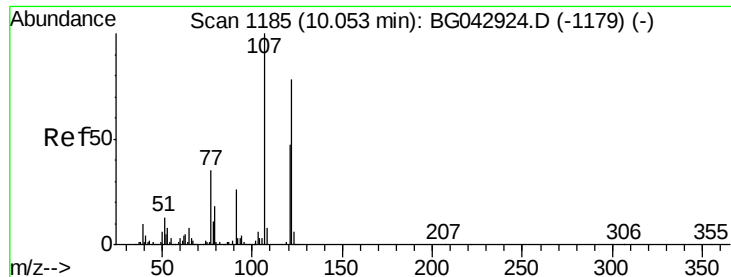
109 38.3 31.0 46.6

65 55.8 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

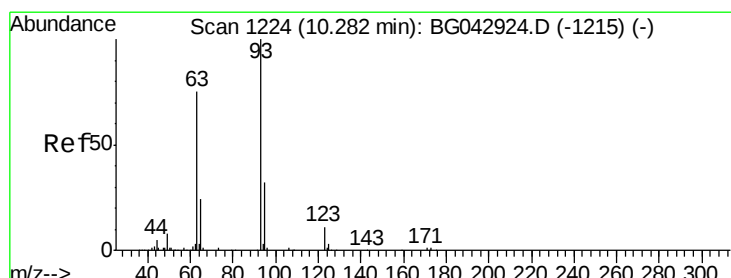
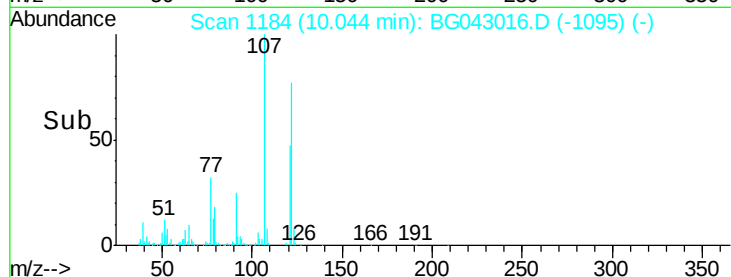
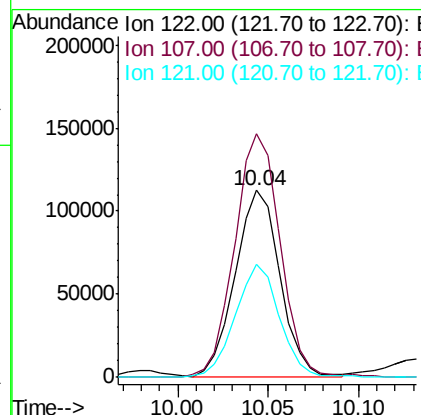
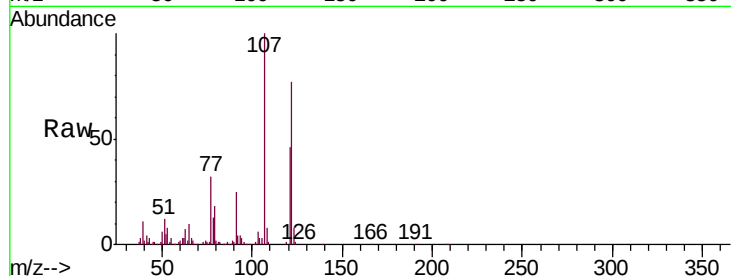




#27
 2,4-Dimethylphenol
 Concen: 54.808 ng
 RT: 10.04 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

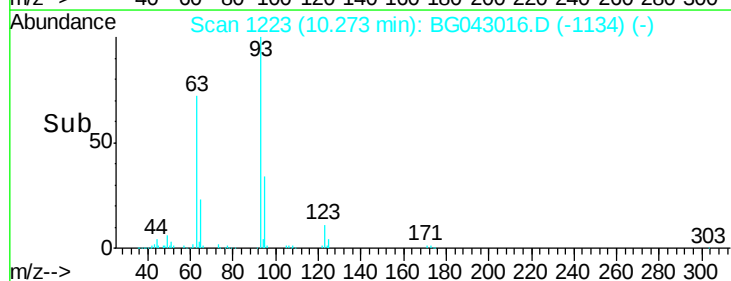
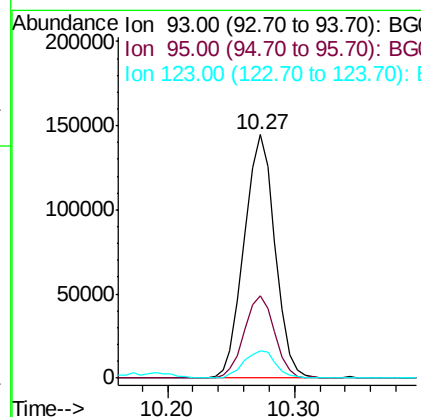
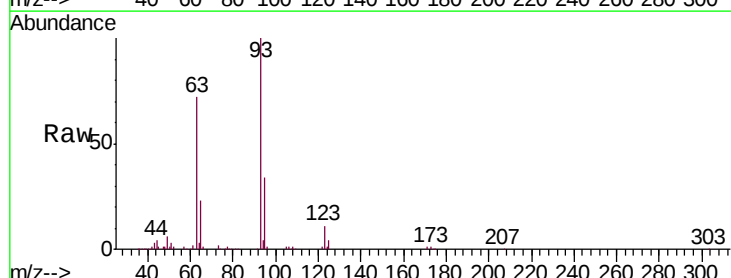
Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13MSD

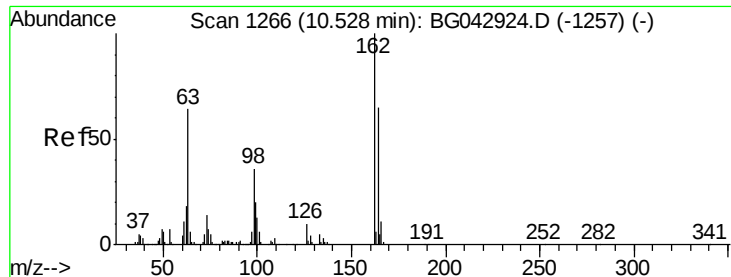
Tgt Ion	Ratio	Lower	Upper
122	100		
107	130.3	102.2	153.2
121	60.5	48.5	72.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.718 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	25.4	38.0
123	11.2	9.3	13.9

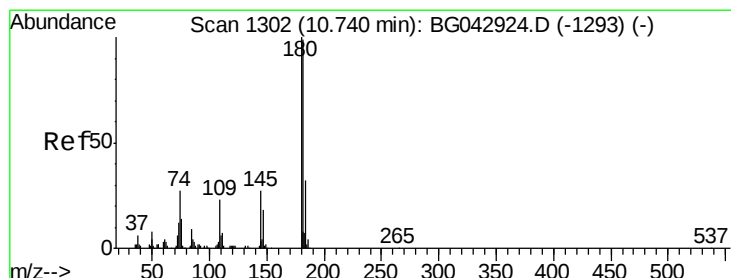
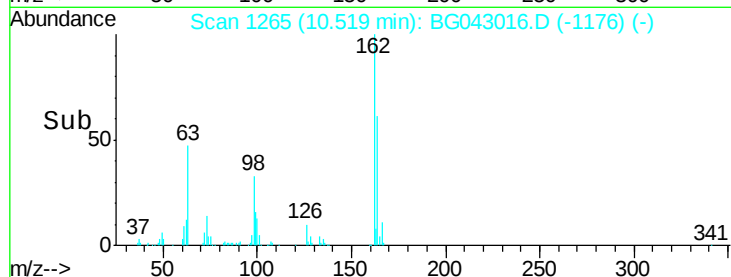
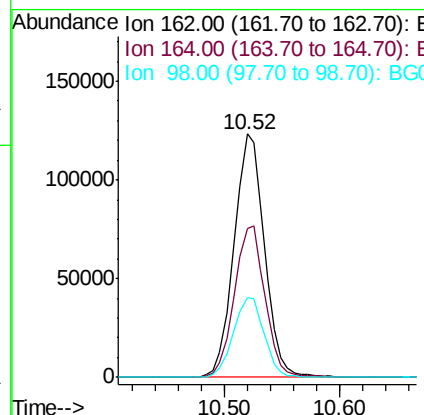
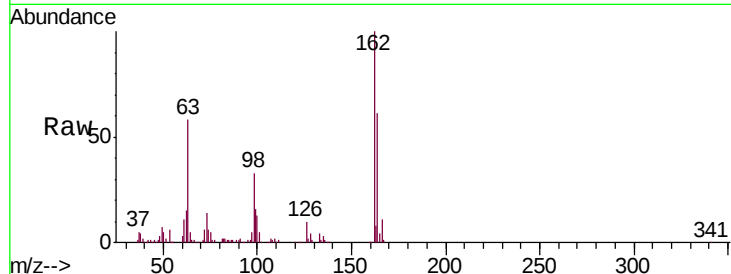




#29
 2,4-Dichlorophenol
 Concen: 51.500 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

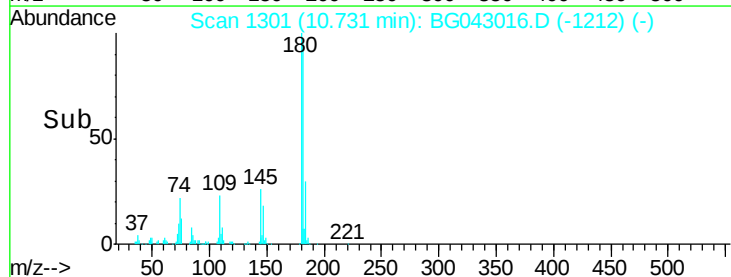
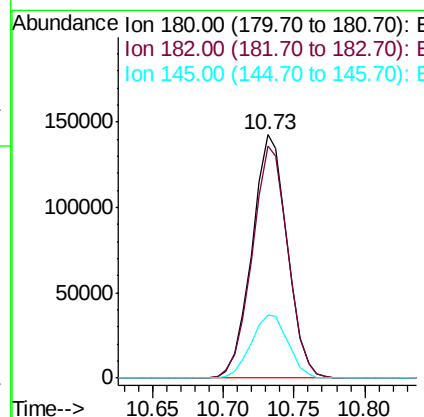
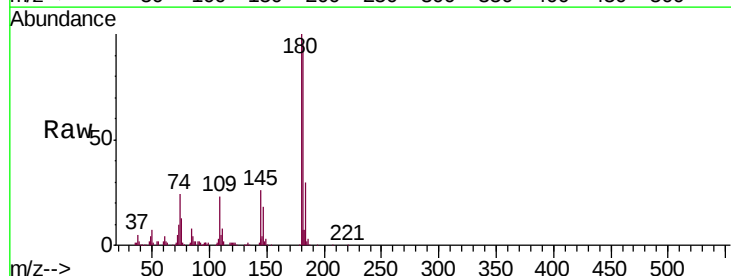
Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13MSD

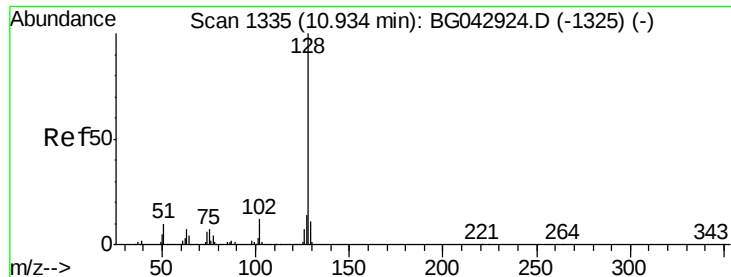
Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.4	44.7	84.7
98	32.7	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 44.300 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	79.3	118.9
145	26.0	22.0	33.0

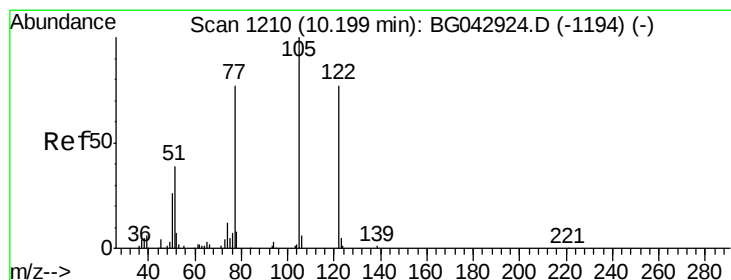
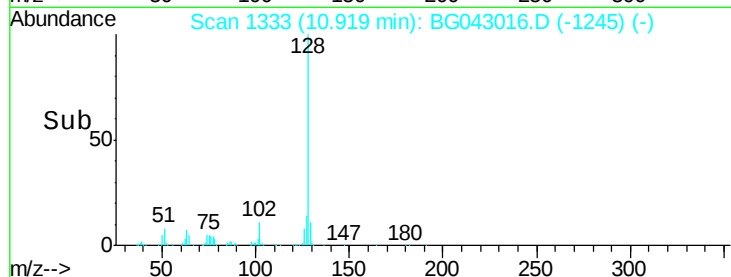
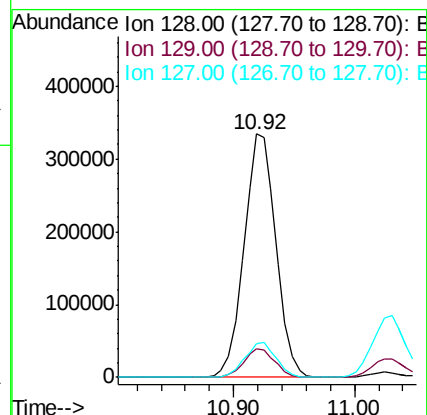
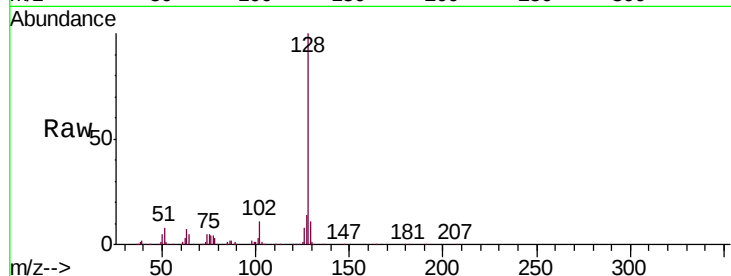




#31
Naphthalene
Concen: 45.550 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

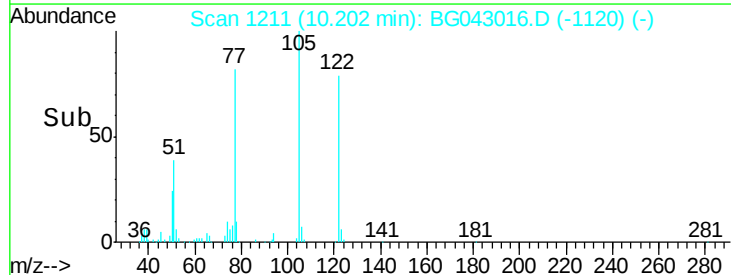
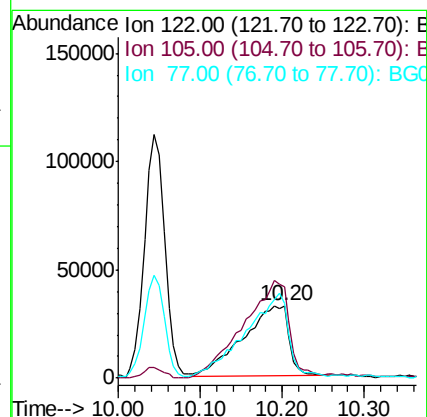
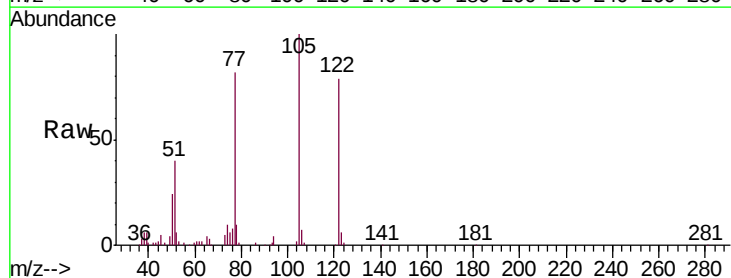
Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

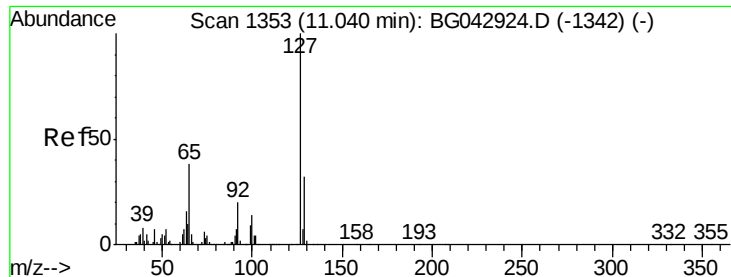
Tgt Ion:128 Resp: 613212
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.8 11.3 16.9



#32
Benzoic acid
Concen: 47.442 ng
RT: 10.20 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion:122 Resp: 129266
Ion Ratio Lower Upper
122 100
105 126.4 107.5 147.5
77 103.6 79.8 119.8

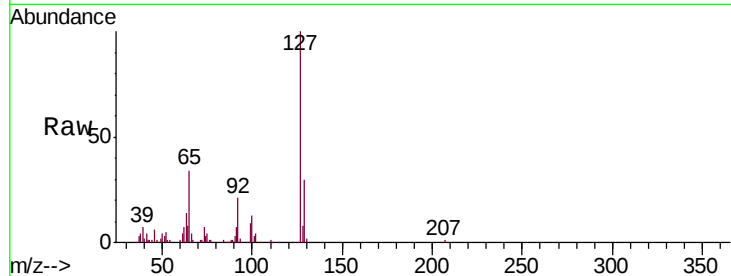




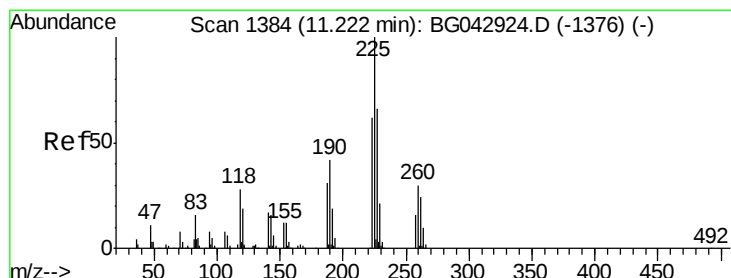
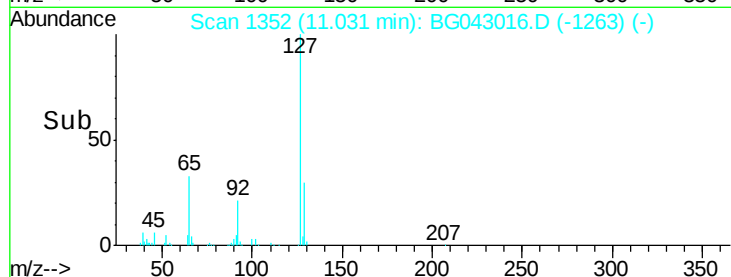
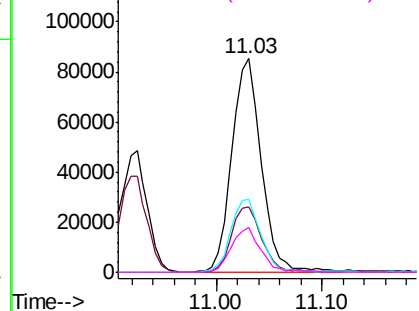
#33
4-Chloroaniline
Concen: 27.978 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Tgt Ion:	127	Resp:	163442
Ion	Ratio	Lower	Upper
127	100		
129	30.4	26.2	39.2
65	33.9	30.6	45.8
92	20.8	16.2	24.4

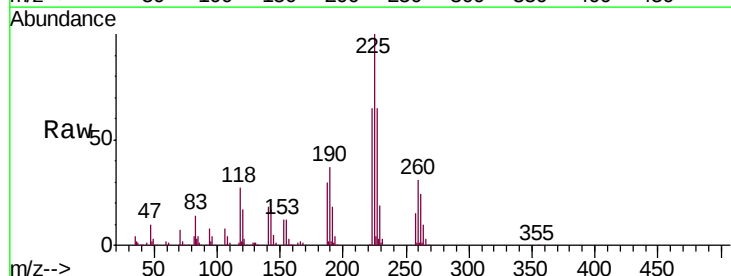


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

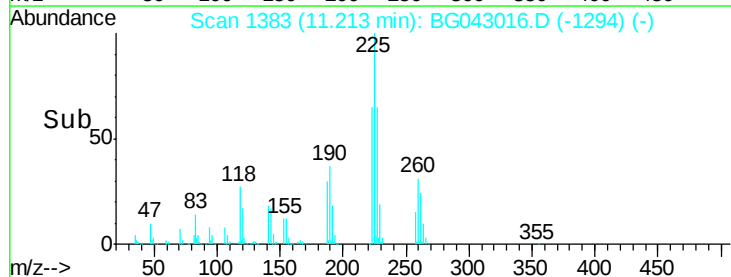
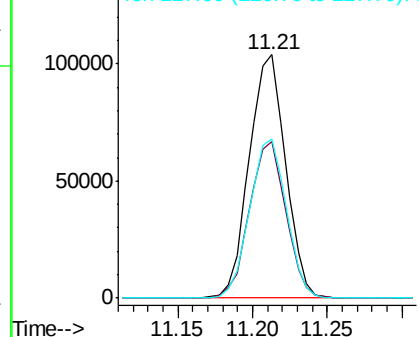


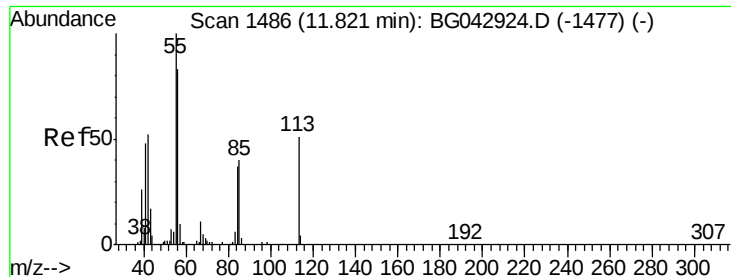
#34
Hexachlorobutadiene
Concen: 41.559 ng
RT: 11.21 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion:	225	Resp:	175353
Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.3	73.9
227	65.4	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: 28.608 ng

RT: 11.81 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Instrument :

BNA_G

ClientSampleId :

2019073-SS-COMPOSITE-13MSD

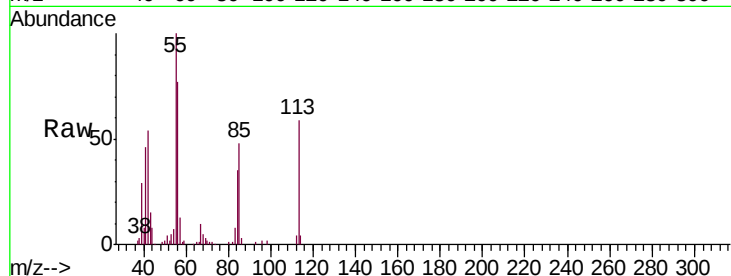
Tgt Ion:113 Resp: 44023

Ion Ratio Lower Upper

113 100

55 168.8 175.5 215.5#

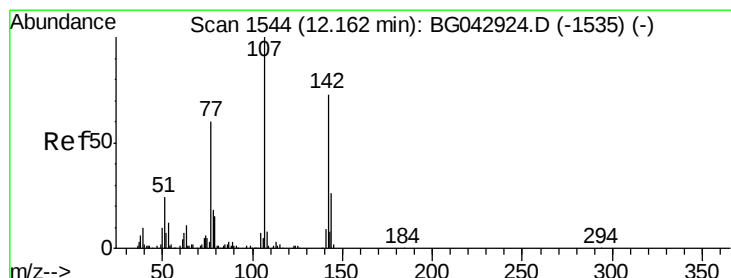
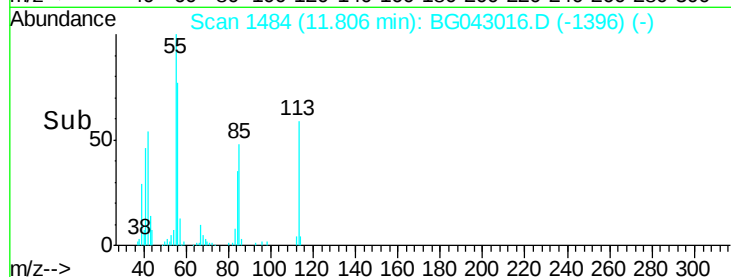
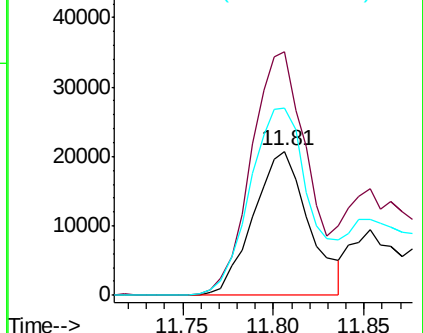
56 130.2 142.3 182.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 48.149 ng

RT: 12.15 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

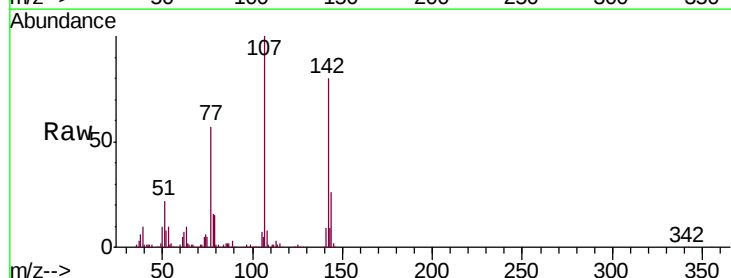
Tgt Ion:107 Resp: 228446

Ion Ratio Lower Upper

107 100

144 25.6 20.7 31.1

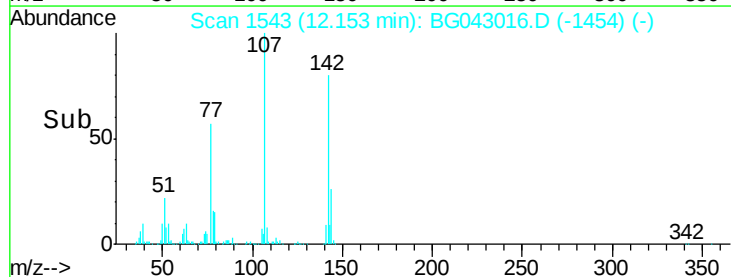
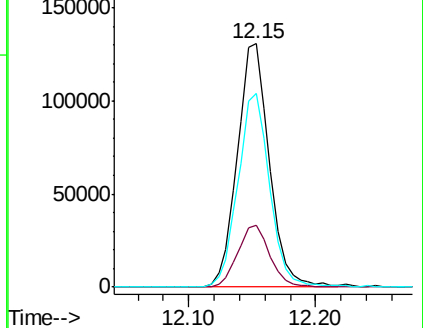
142 79.7 58.6 87.8

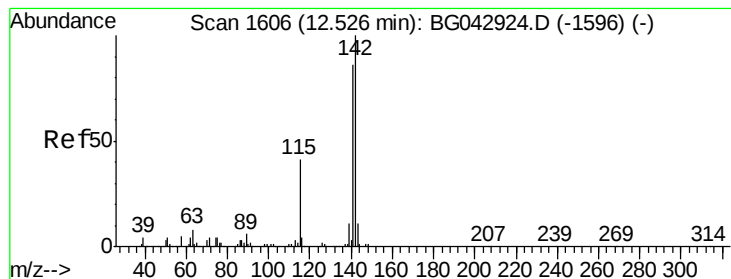


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.491 ng

RT: 12.52 min Scan# 1606

Delta R.T. -0.00 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

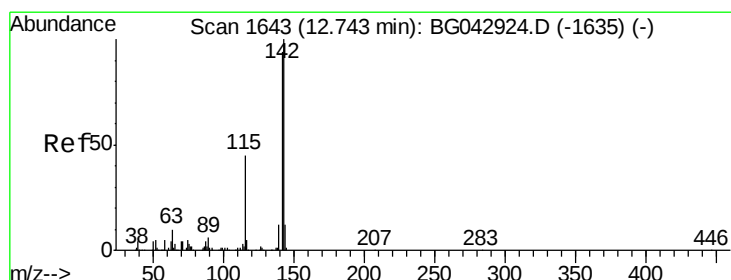
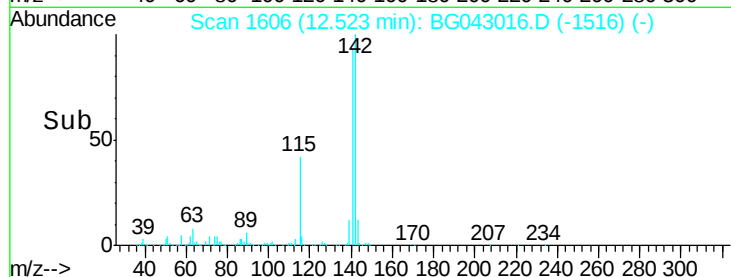
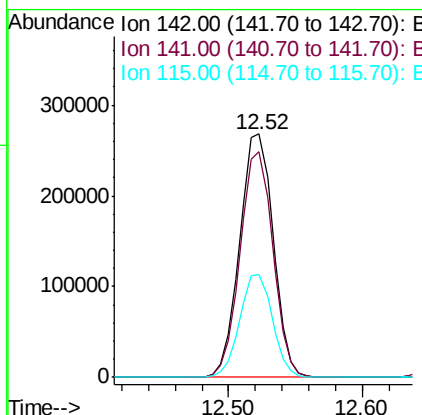
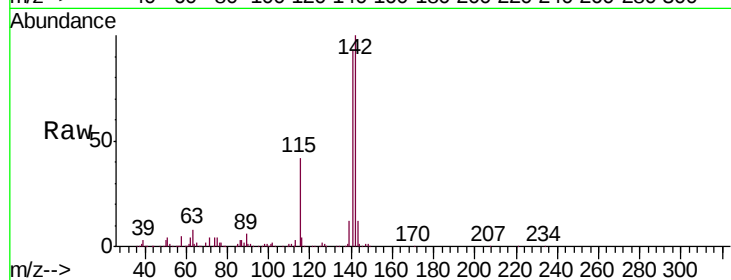
Instrument :

BNA_G

ClientSampleId :

2019073-SS-COMPOSITE-13MSD

Tgt Ion:	142	Resp:	467205
Ion Ratio	Lower	Upper	
142	100		
141	92.8	69.0	103.4
115	42.3	32.8	49.2



#38

1-Methylnaphthalene

Concen: 45.493 ng

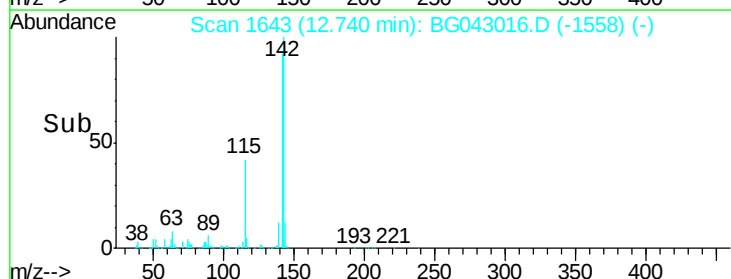
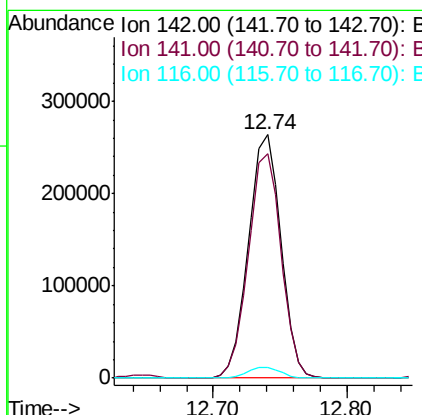
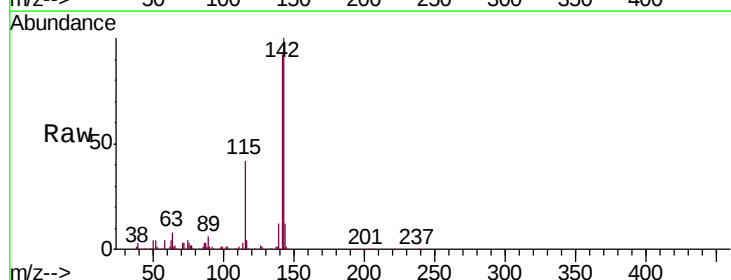
RT: 12.74 min Scan# 1643

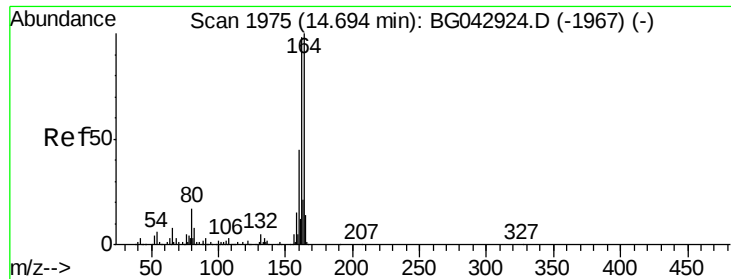
Delta R.T. -0.00 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Tgt Ion:	142	Resp:	442096
Ion Ratio	Lower	Upper	
142	100		
141	92.0	74.9	112.3
116	4.5	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Instrument :

BNA_G

ClientSampleId :

2019073-SS-COMPOSITE-13MSD

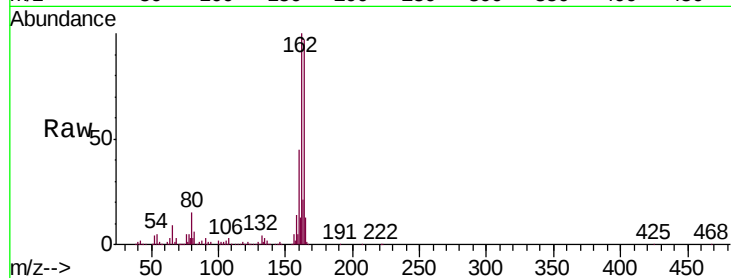
Tgt Ion:164 Resp: 195919

Ion Ratio Lower Upper

164 100

162 102.6 78.5 117.7

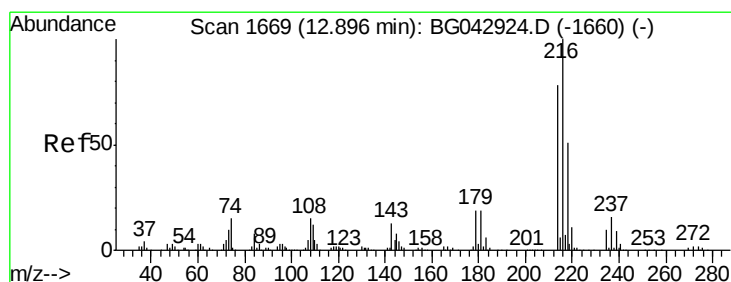
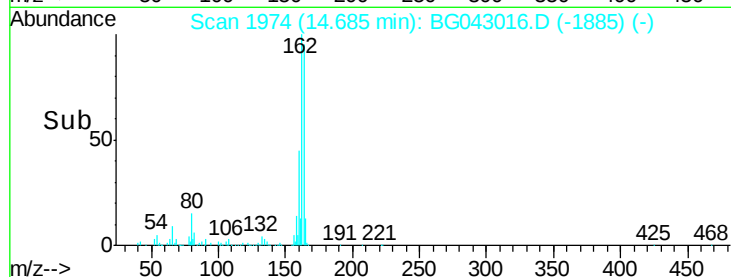
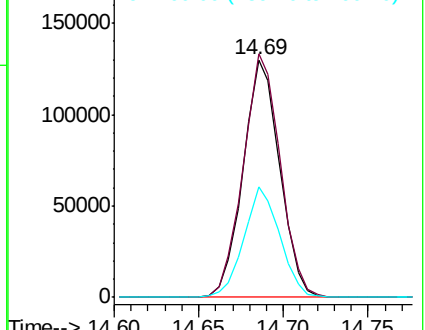
160 46.3 35.9 53.9



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: 41.976 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Tgt Ion:216 Resp: 309215

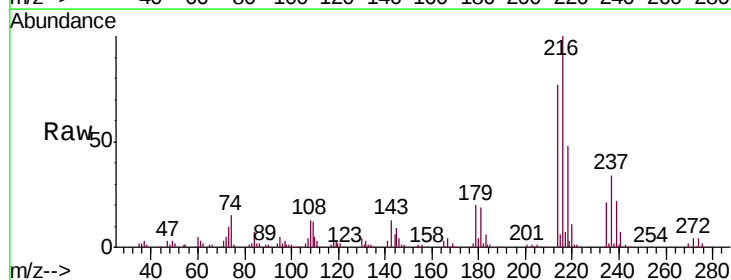
Ion Ratio Lower Upper

216 100

214 78.0 62.4 93.6

179 19.8 15.4 23.2

108 16.3 12.6 19.0

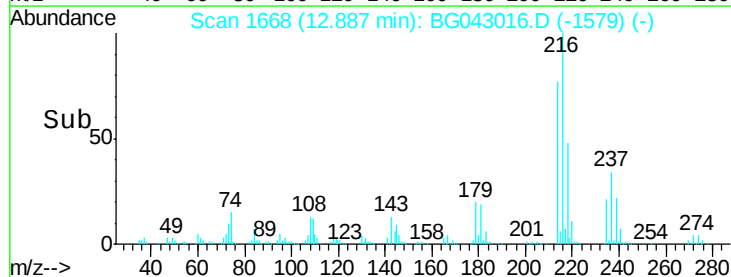
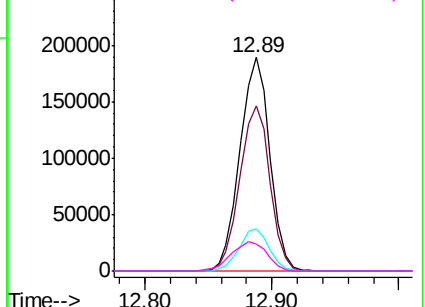


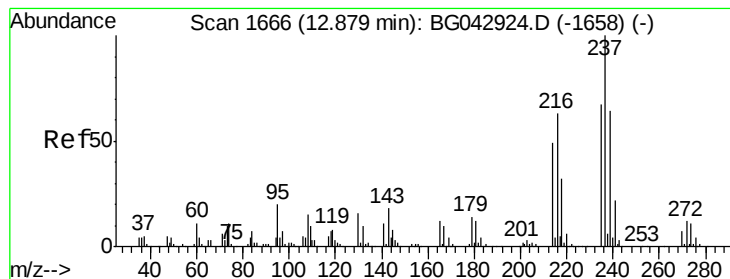
Abundance Ion 216.00 (215.70 to 216.70): E

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: 79.937 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Instrument :

BNA_G

ClientSampleId :

2019073-SS-COMPOSITE-13MSD

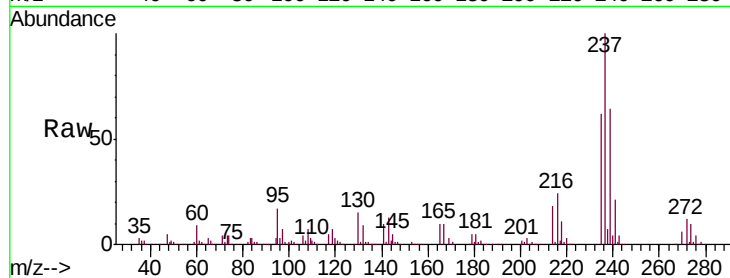
Tgt Ion:237 Resp: 375188

Ion Ratio Lower Upper

237 100

235 62.3 46.7 86.7

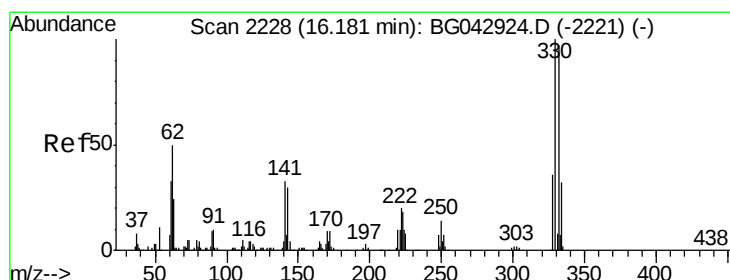
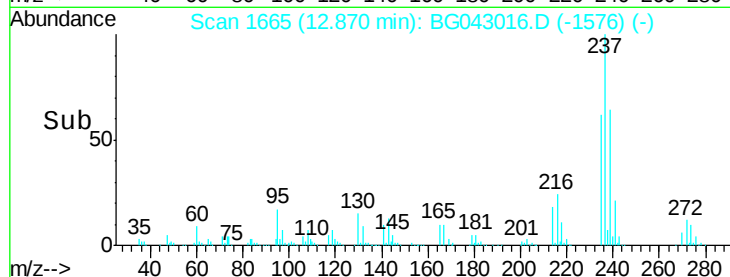
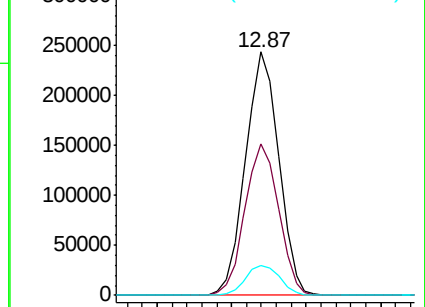
272 12.2 0.0 32.3



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: 112.070 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

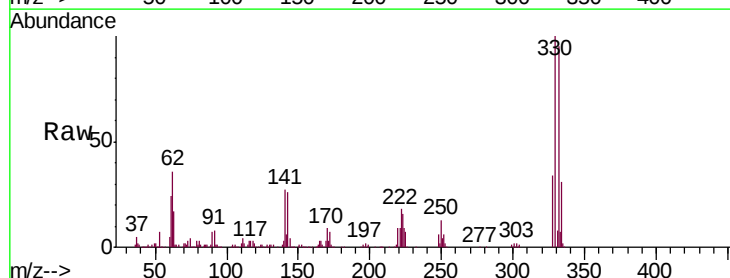
Tgt Ion:330 Resp: 377559

Ion Ratio Lower Upper

330 100

332 95.6 78.2 117.2

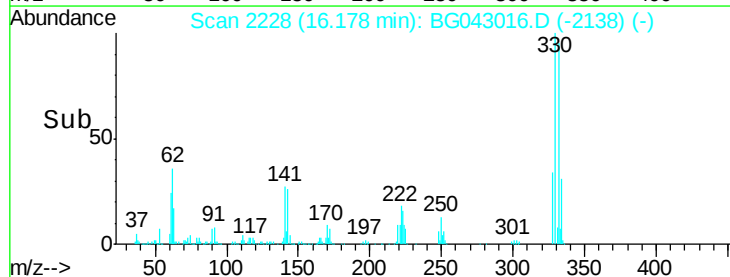
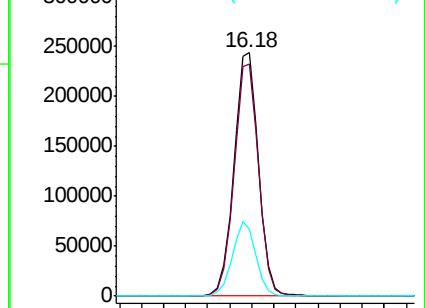
141 29.6 26.0 39.0

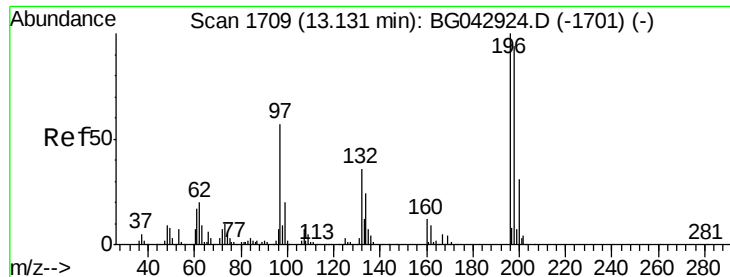


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

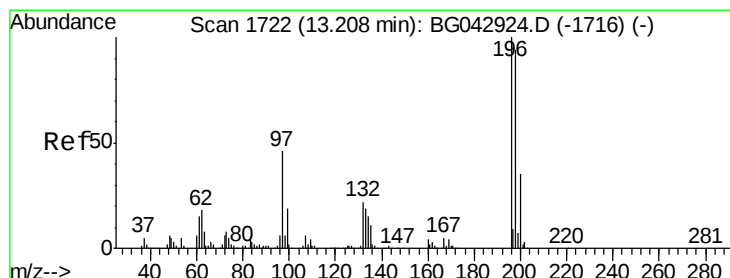
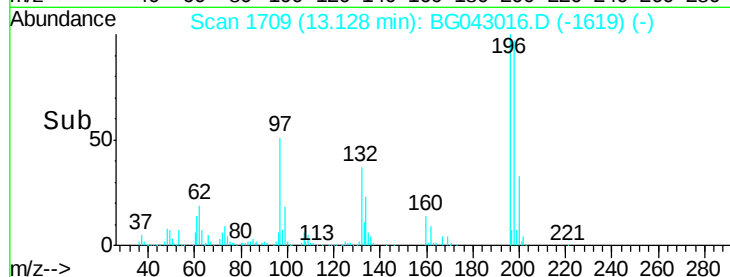
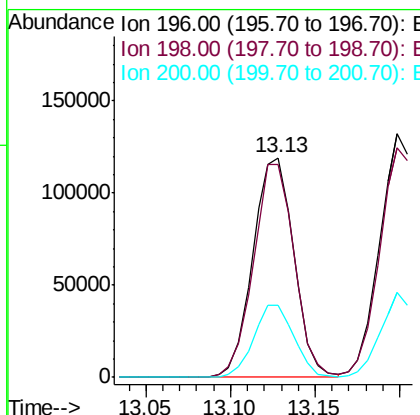
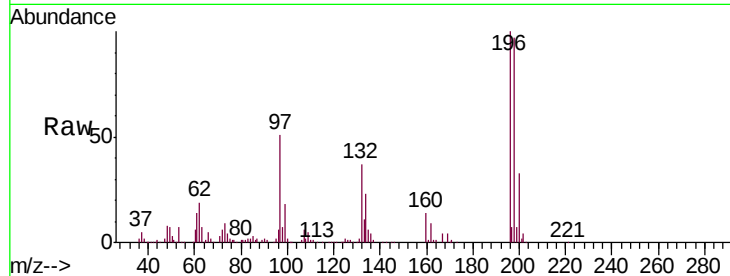




#43
 2,4,6-Trichlorophenol
 Concen: 46.563 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

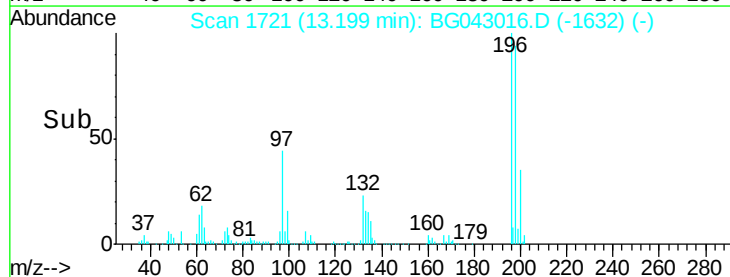
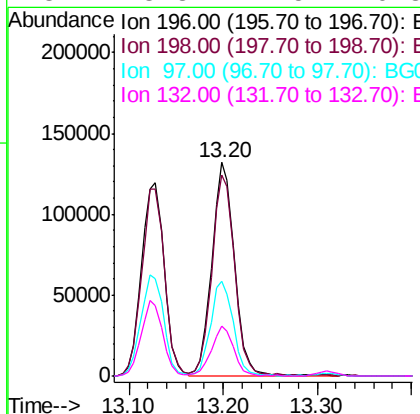
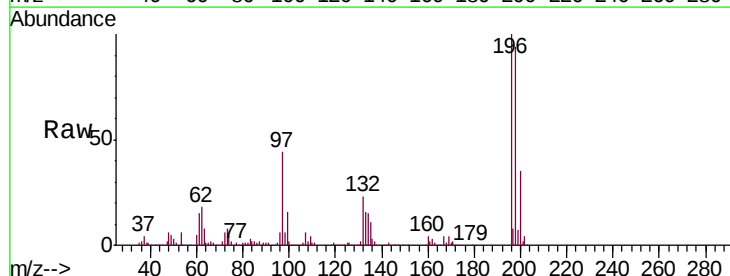
Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13MSD

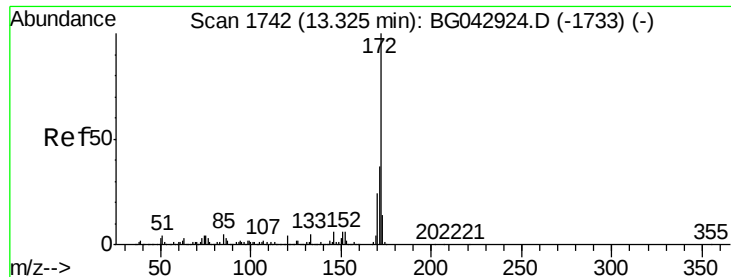
Tgt Ion:196 Resp: 200761
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.5 113.3
 200 33.0 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 49.900 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

Tgt Ion:196 Resp: 221634
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.1 112.7
 97 44.3 37.0 55.4
 132 23.3 17.5 26.3

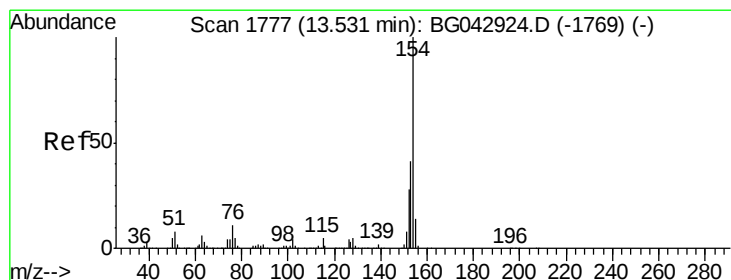
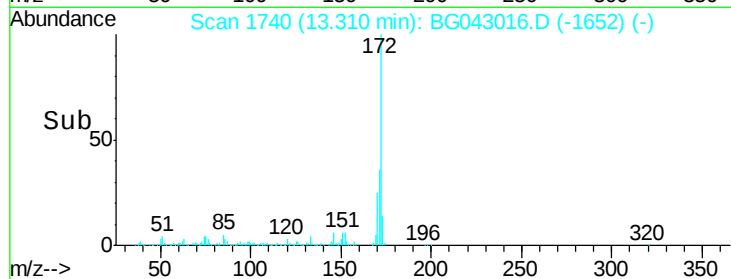
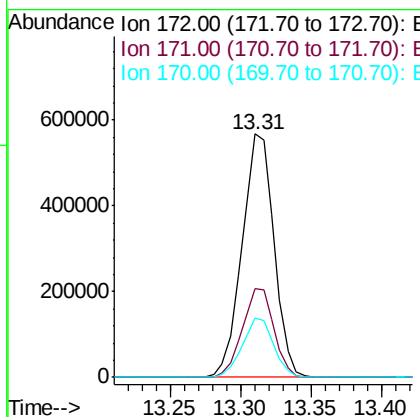
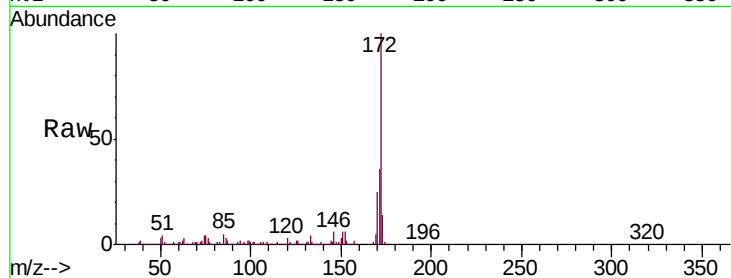




#45
 2-Fluorobiphenyl
 Concen: 66.491 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

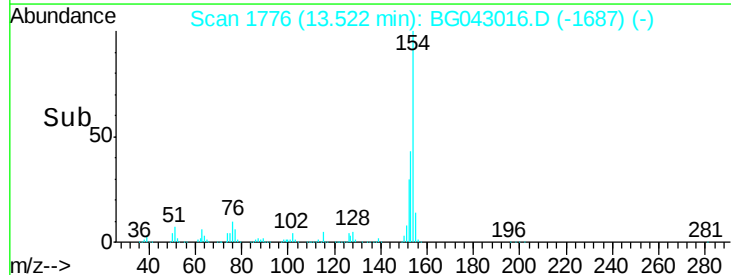
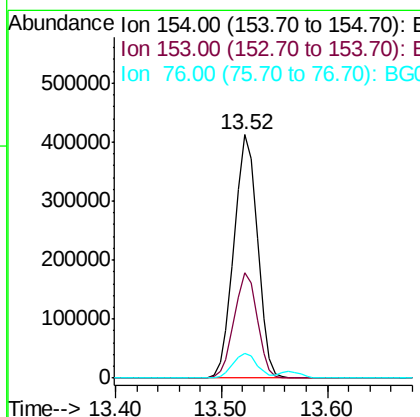
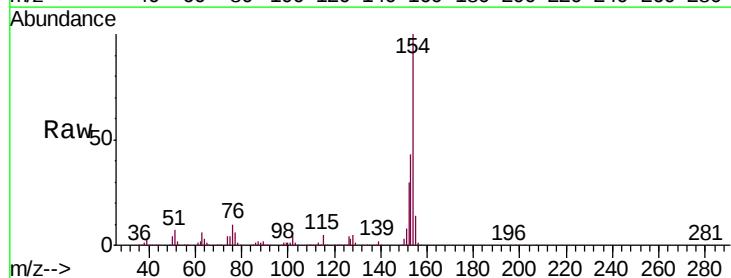
Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13MSD

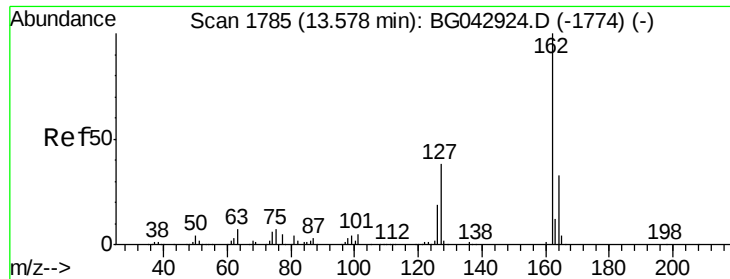
Tgt Ion:	172	Resp:	898586
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.6	19.6	29.4



#46
 1,1'-Biphenyl
 Concen: 42.556 ng
 RT: 13.52 min Scan# 1776
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

Tgt Ion:	154	Resp:	632268
Ion	Ratio	Lower	Upper
154	100		
153	43.2	21.4	61.4
76	10.2	0.0	31.3

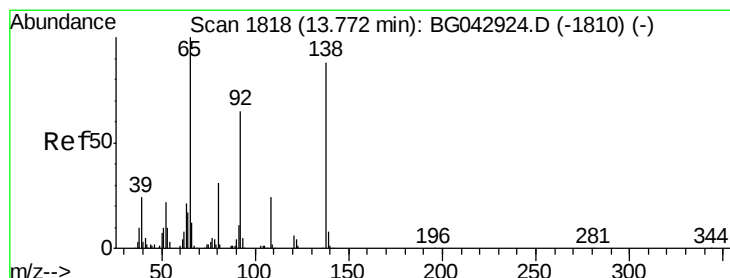
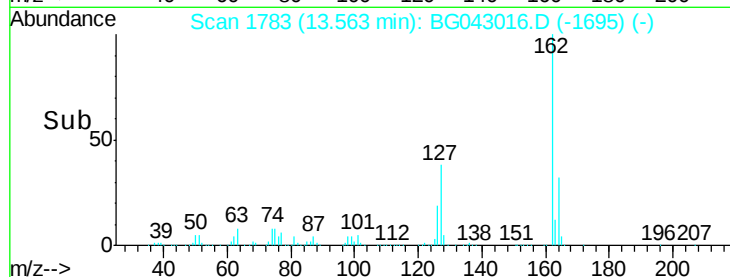
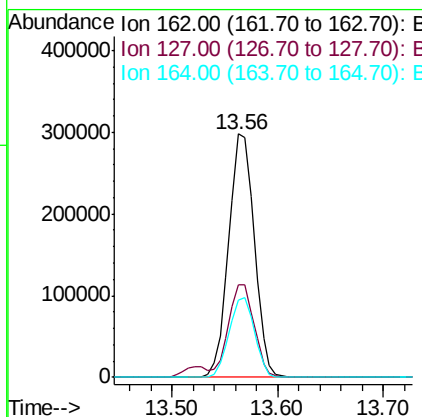
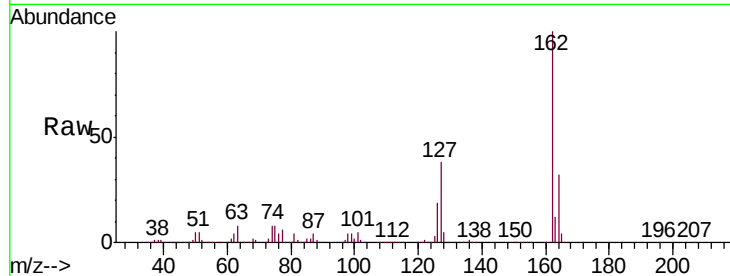




#47
 2-Chloronaphthalene
 Concen: 44.739 ng
 RT: 13.56 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

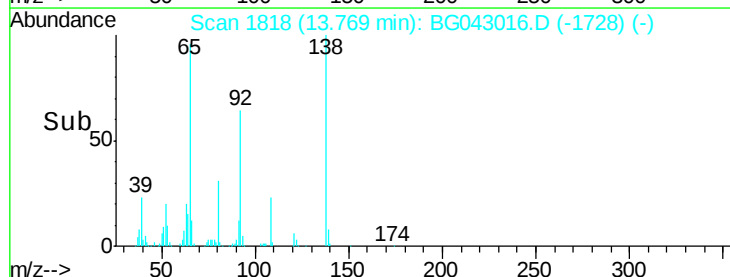
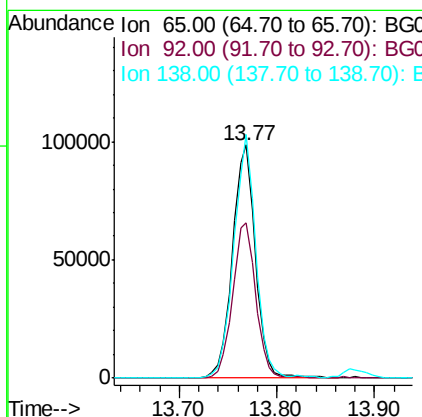
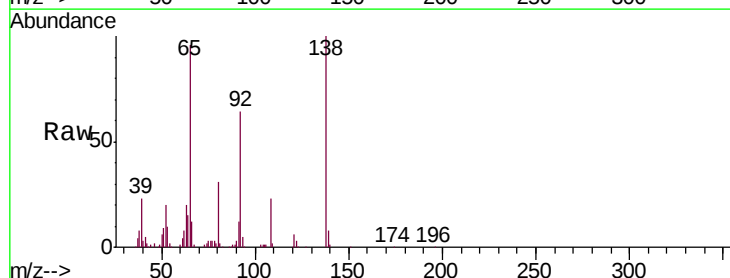
Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13MSD

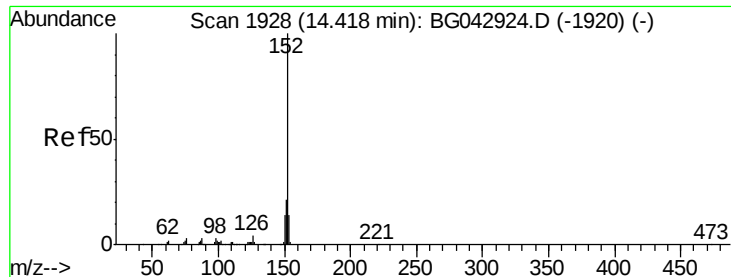
Tgt Ion:	162	Resp:	498359
Ion	Ratio	Lower	Upper
162	100		
127	38.2	31.0	46.6
164	31.7	26.2	39.2



#48
 2-Nitroaniline
 Concen: 43.535 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

Tgt Ion:	65	Resp:	161267
Ion	Ratio	Lower	Upper
65	100		
92	66.5	52.0	78.0
138	104.6	70.4	105.6





#49

Acenaphthylene

Concen: 46.849 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Instrument :

BNA_G

ClientSampleId :

2019073-SS-COMPOSITE-13MSD

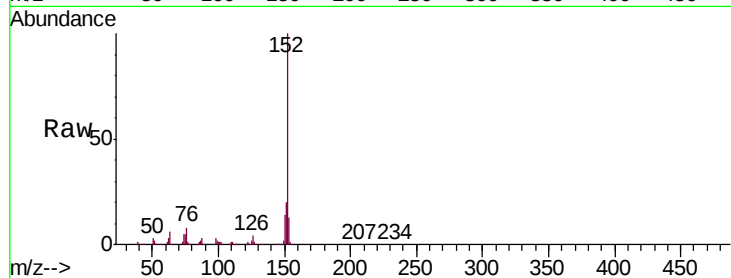
Tgt Ion:152 Resp: 798543

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

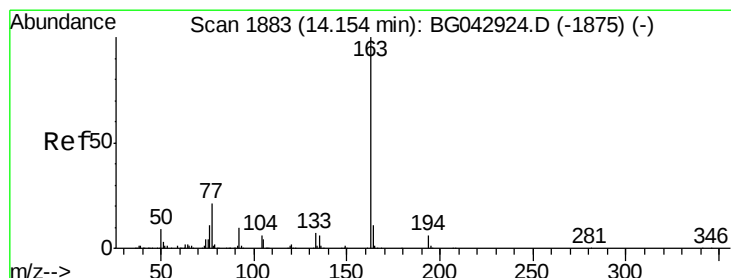
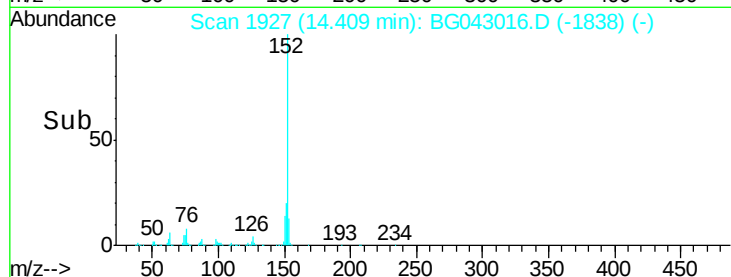
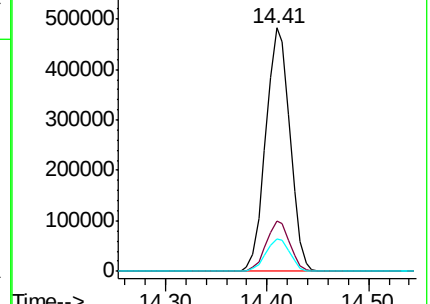
153 13.2 11.3 16.9



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: 52.287 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

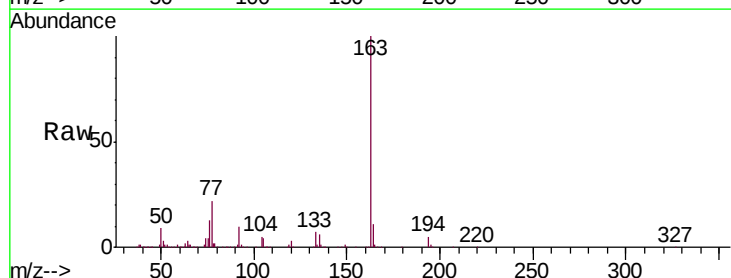
Tgt Ion:163 Resp: 767542

Ion Ratio Lower Upper

163 100

194 5.0 4.4 6.6

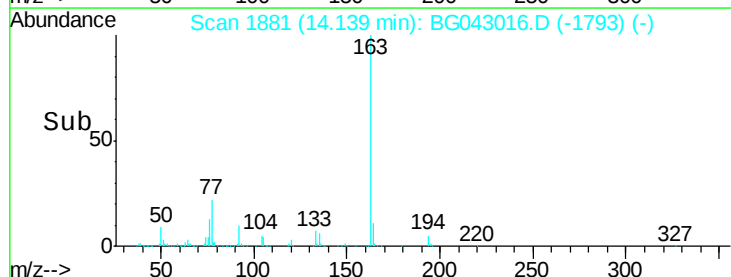
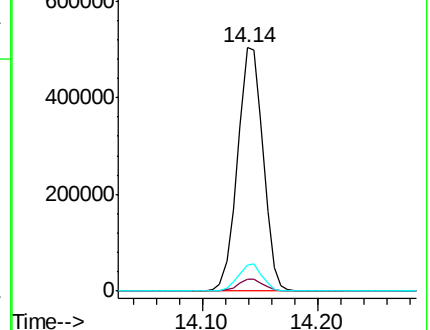
164 10.7 8.6 12.8

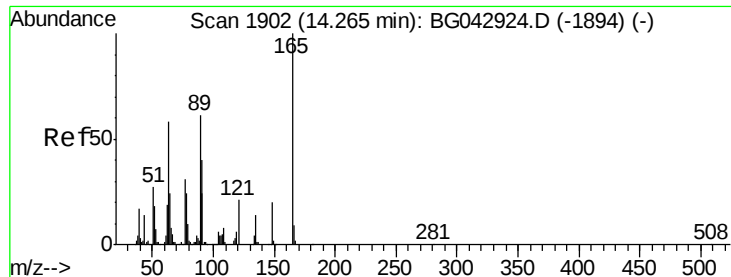


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

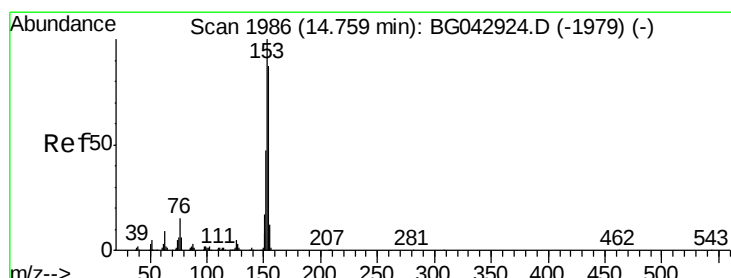
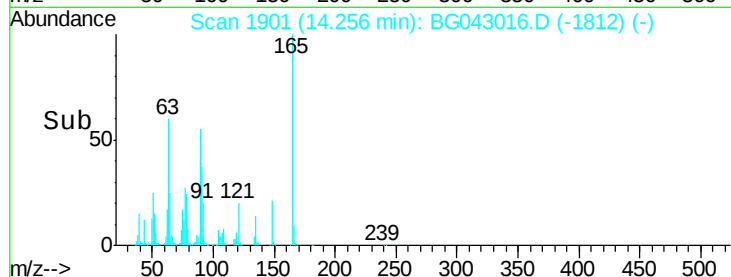
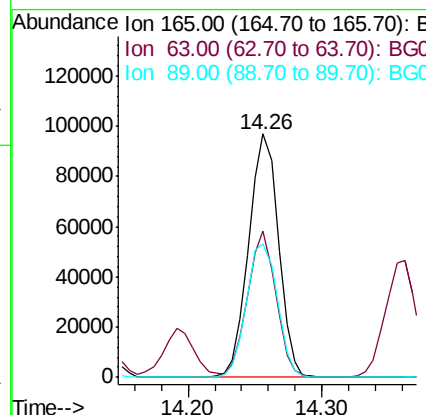
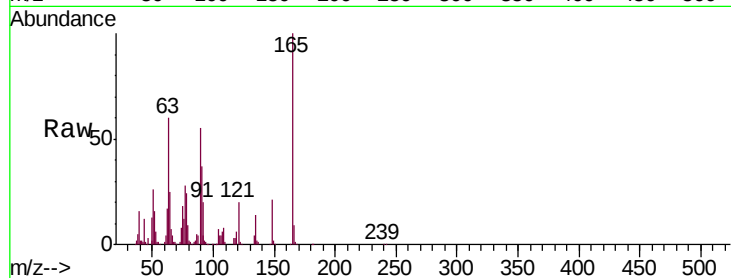




#51
 2,6-Dinitrotoluene
 Concen: 47.725 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

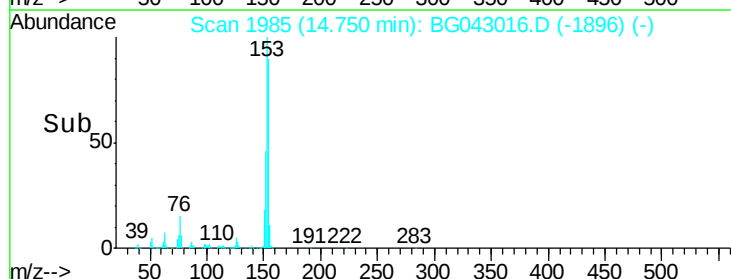
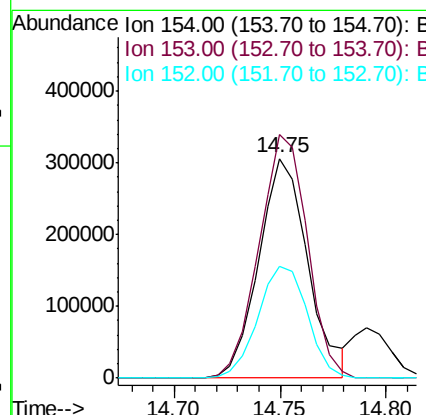
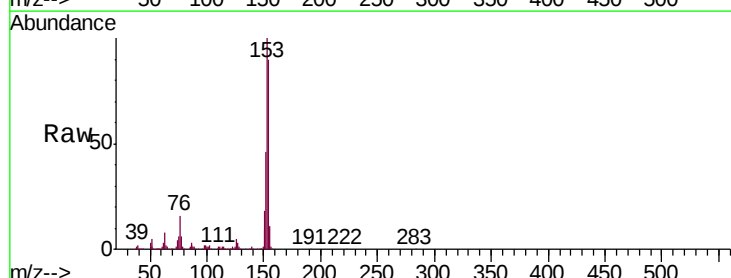
Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13MSD

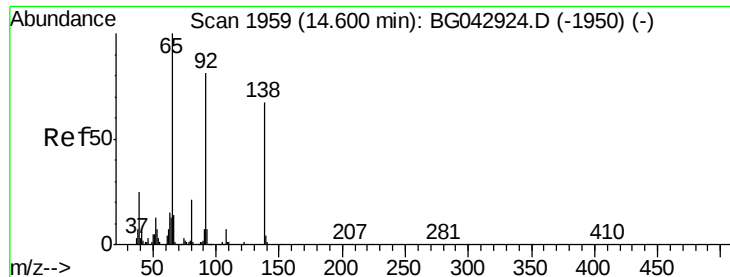
Tgt Ion:165 Resp: 149192
 Ion Ratio Lower Upper
 165 100
 63 60.1 50.3 75.5
 89 55.0 48.9 73.3



#52
 Acenaphthene
 Concen: 43.306 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

Tgt Ion:154 Resp: 494074
 Ion Ratio Lower Upper
 154 100
 153 110.9 91.4 137.0
 152 50.8 42.8 64.2

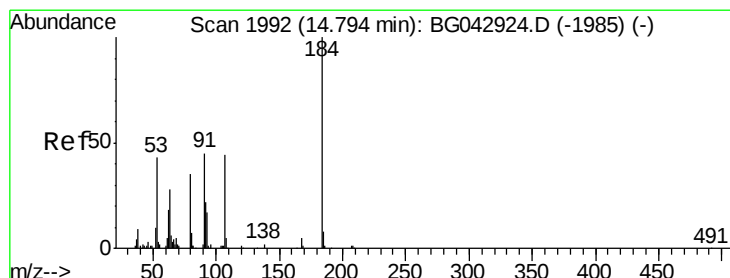
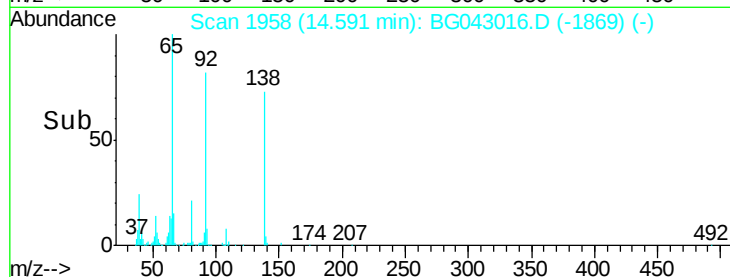
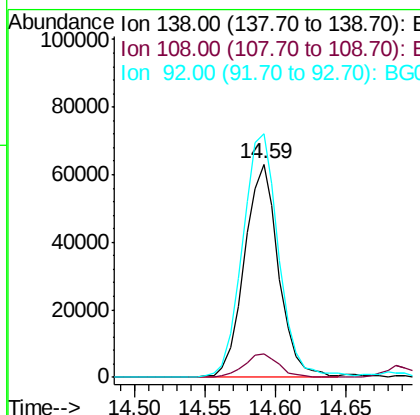
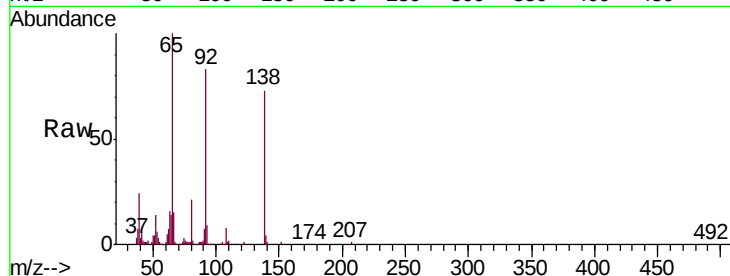




#53
 3-Nitroaniline
 Concen: 33.100 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

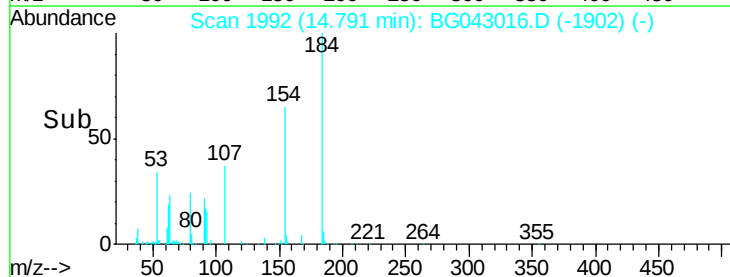
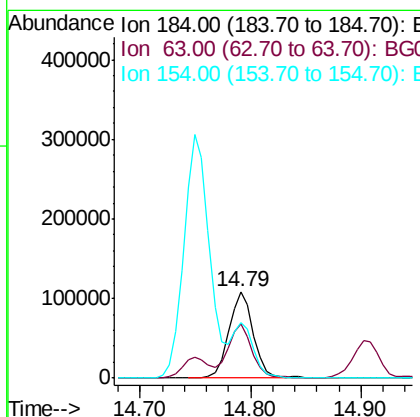
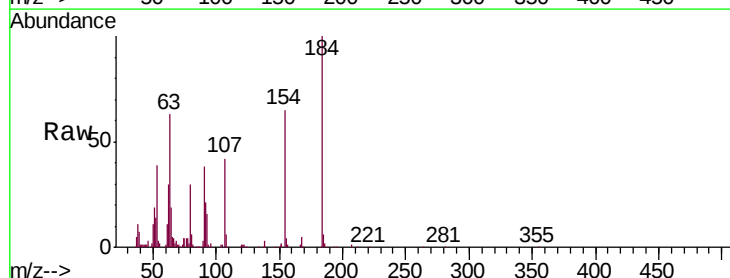
Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13MSD

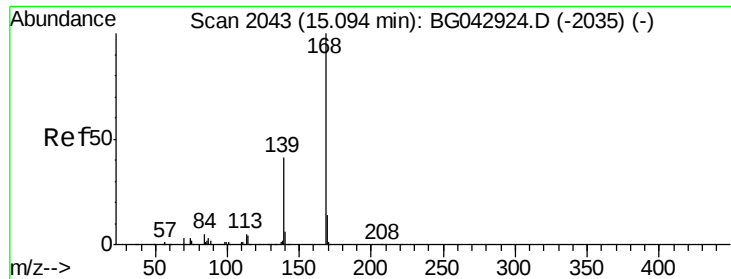
Tgt Ion:138 Resp: 106934
 Ion Ratio Lower Upper
 138 100
 108 11.1 7.9 11.9
 92 114.3 97.0 145.6



#54
 2,4-Dinitrophenol
 Concen: 87.001 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.00 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

Tgt Ion:184 Resp: 169055
 Ion Ratio Lower Upper
 184 100
 63 63.1 55.0 82.6
 154 64.8 56.5 84.7

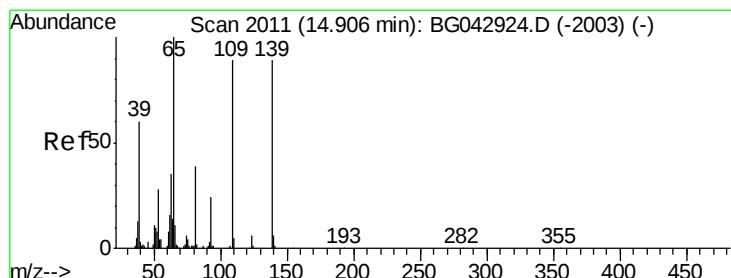
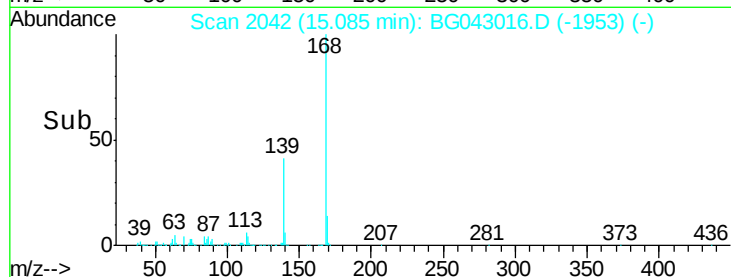
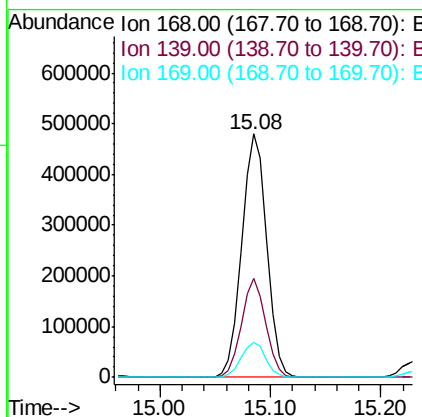
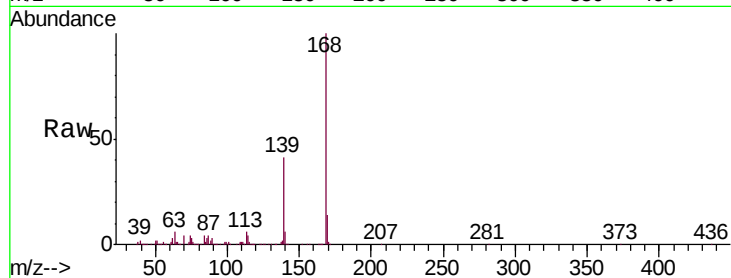




#55
Dibenzofuran
Concen: 45.267 ng
RT: 15.08 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

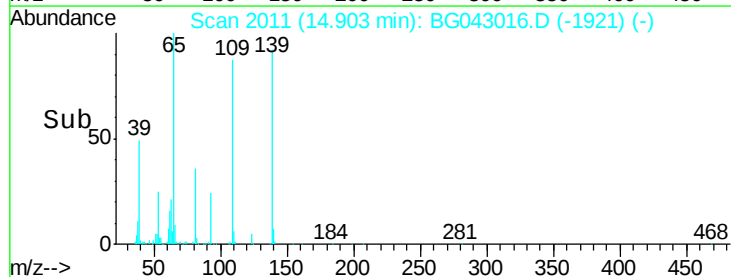
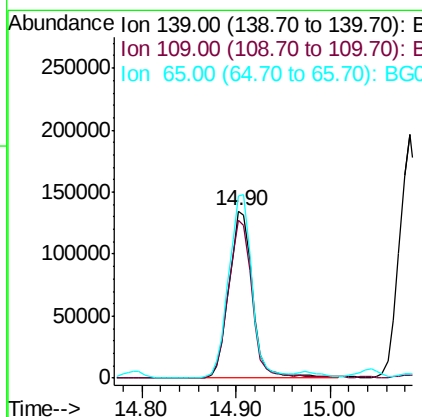
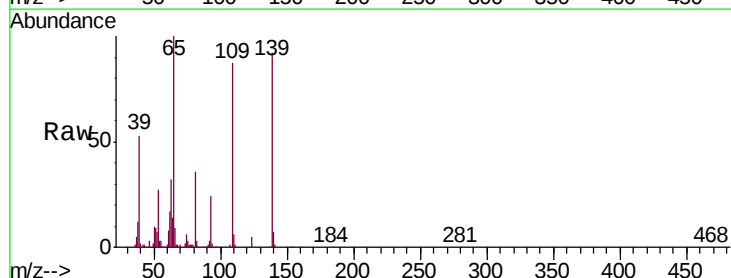
Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

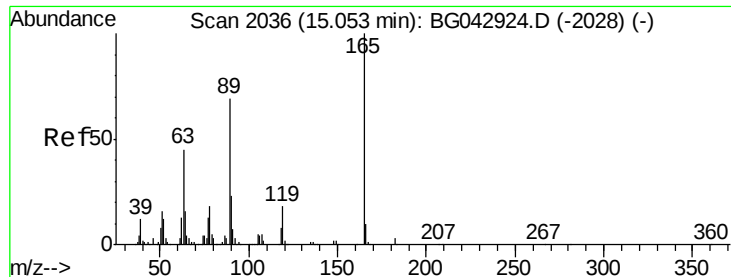
Tgt Ion:168 Resp: 763969
Ion Ratio Lower Upper
168 100
139 40.9 32.6 48.8
169 14.2 11.2 16.8



#56
4-Nitrophenol
Concen: 96.098 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion:139 Resp: 236551
Ion Ratio Lower Upper
139 100
109 94.7 79.4 119.4
65 109.2 92.5 132.5

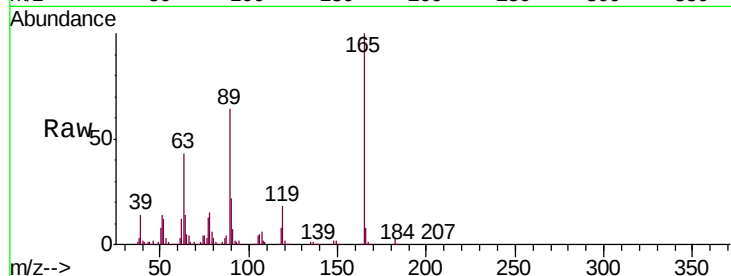




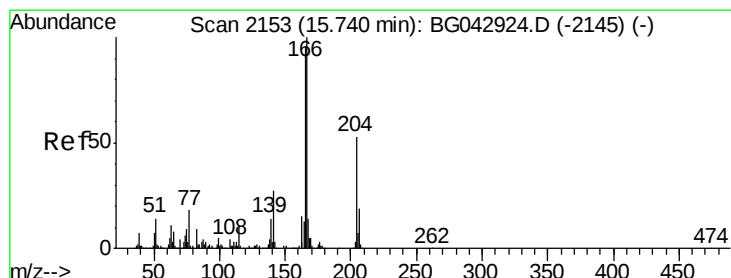
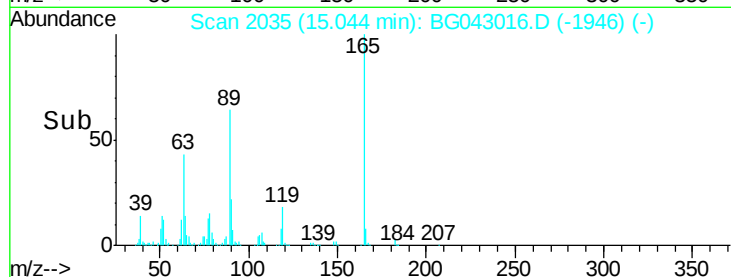
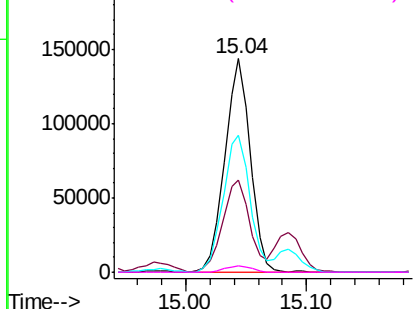
#57
 2,4-Dinitrotoluene
 Concen: 45.905 ng
 RT: 15.04 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13MSD

Tgt Ion:	165	Resp:	210145
Ion	Ratio	Lower	Upper
165	100		
63	43.1	36.5	54.7
89	64.2	55.5	83.3
182	2.9	2.4	3.6

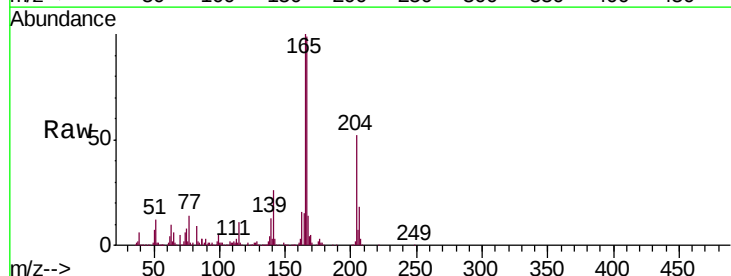


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

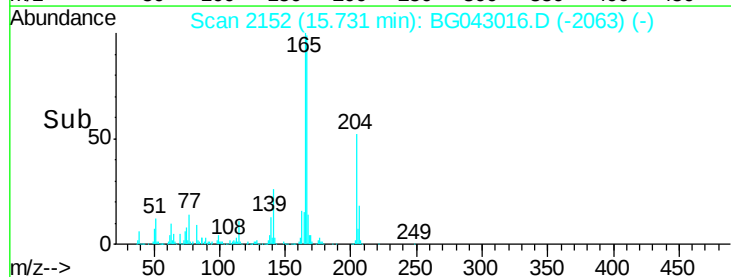
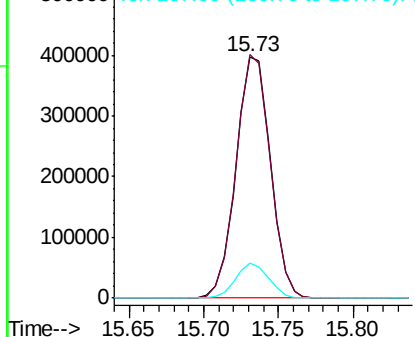


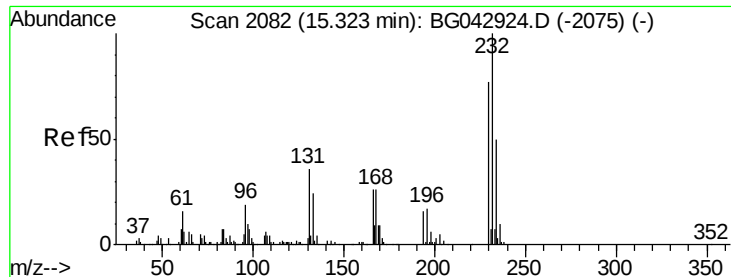
#58
 Fluorene
 Concen: 44.318 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

Tgt Ion:	166	Resp:	638578
Ion	Ratio	Lower	Upper
166	100		
165	100.7	77.1	115.7
167	14.6	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

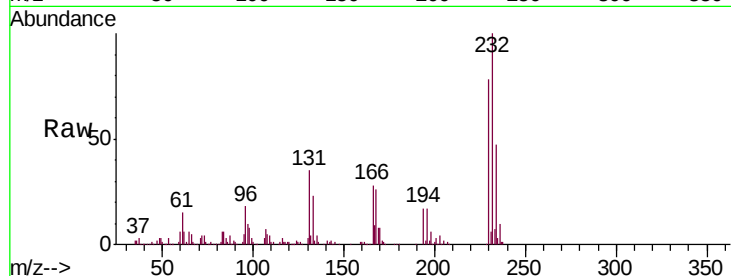




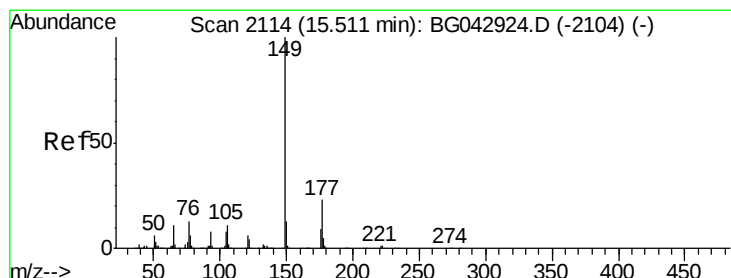
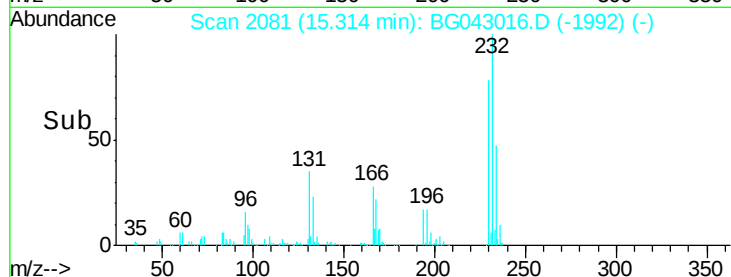
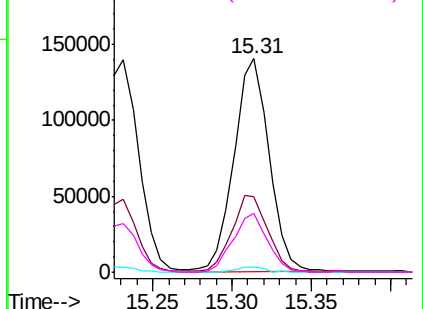
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.780 ng
 RT: 15.31 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13MSD

Tgt Ion:	232	Resp:	216500
Ion	Ratio	Lower	Upper
232	100		
131	36.8	29.6	44.4
130	2.2	1.9	2.9
166	26.9	21.8	32.8

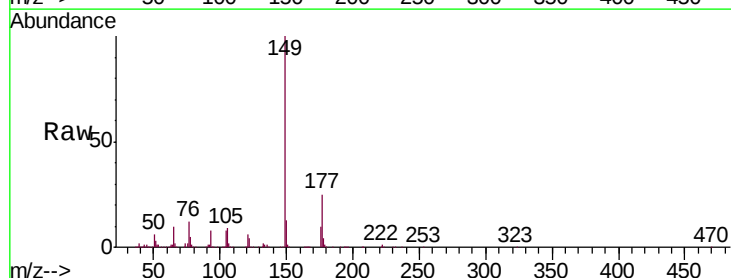


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

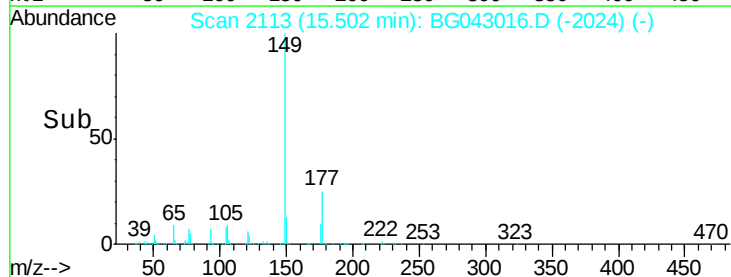
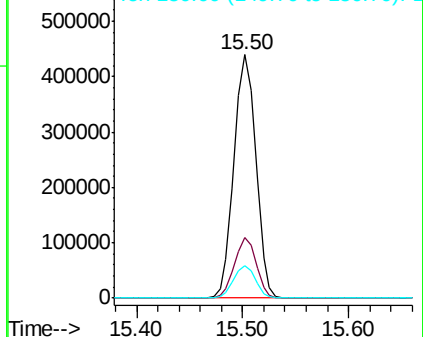


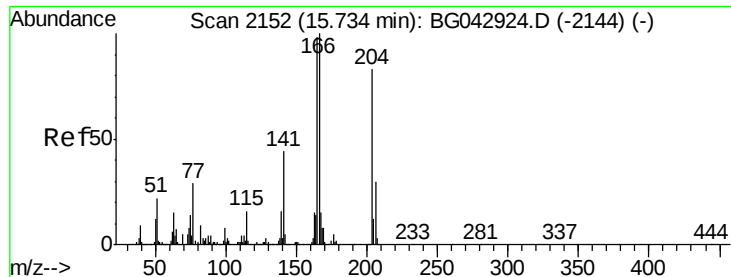
#60
 Diethylphthalate
 Concen: 42.055 ng
 RT: 15.50 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

Tgt Ion:	149	Resp:	628269
Ion	Ratio	Lower	Upper
149	100		
177	24.9	18.8	28.2
150	13.3	10.6	15.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

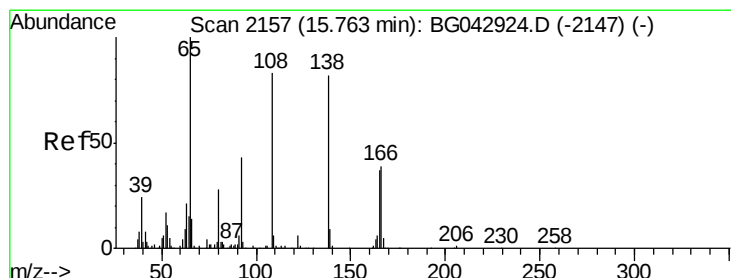
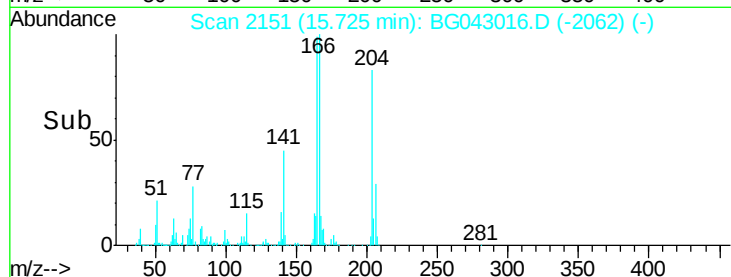
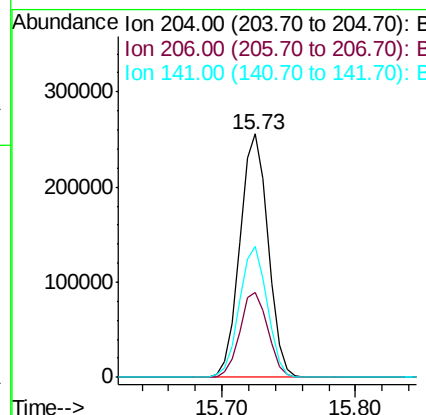
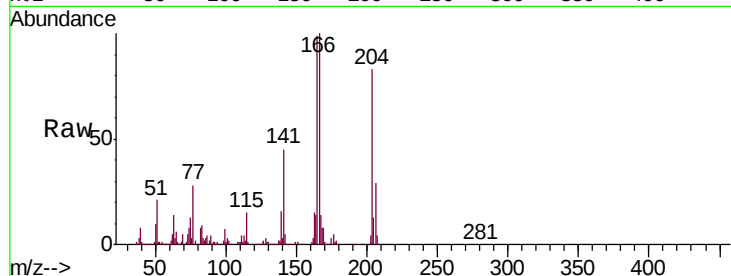




#61
 4-Chlorophenyl-phenylether
 Concen: 43.179 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

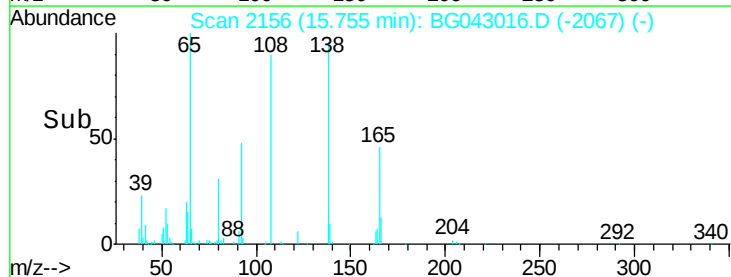
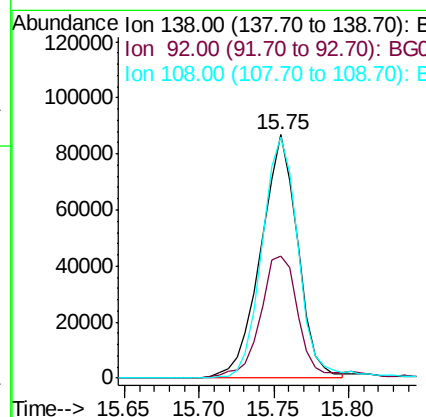
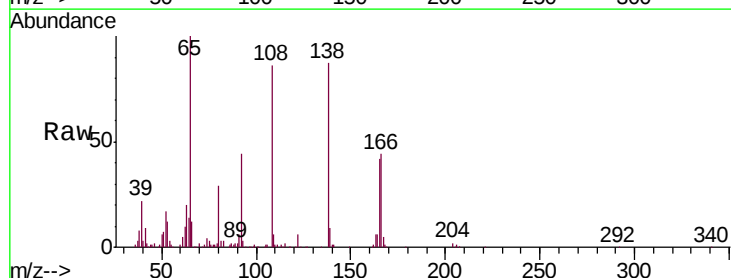
Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13MSD

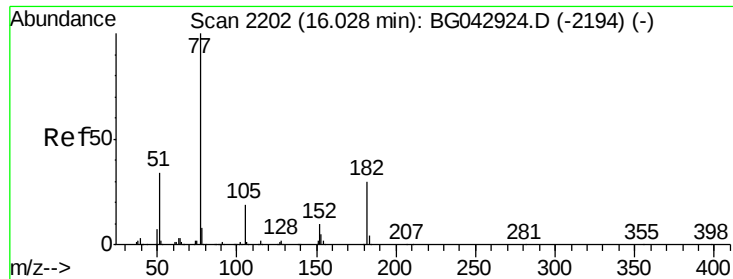
Tgt Ion: 204 Resp: 373137
 Ion Ratio Lower Upper
 204 100
 206 34.8 28.5 42.7
 141 53.6 42.4 63.6



#62
 4-Nitroaniline
 Concen: 42.225 ng
 RT: 15.75 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

Tgt Ion: 138 Resp: 148778
 Ion Ratio Lower Upper
 138 100
 92 49.9 32.9 72.9
 108 98.9 81.3 121.3





#63

Azobenzene

Concen: 41.918 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Instrument :

BNA_G

ClientSampleId :

2019073-SS-COMPOSITE-13MSD

Tgt Ion: 77 Resp: 570138

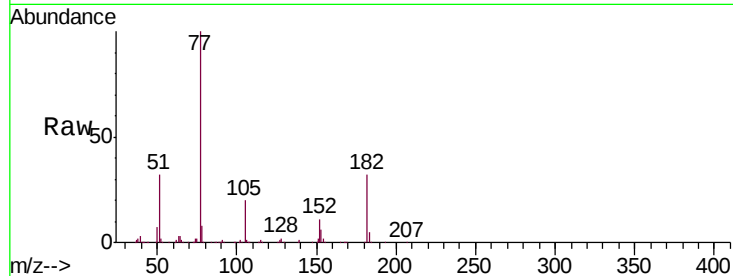
Ion Ratio Lower Upper

77 100

182 32.5 10.2 50.2

105 19.8 0.0 39.1

51 32.2 13.9 53.9

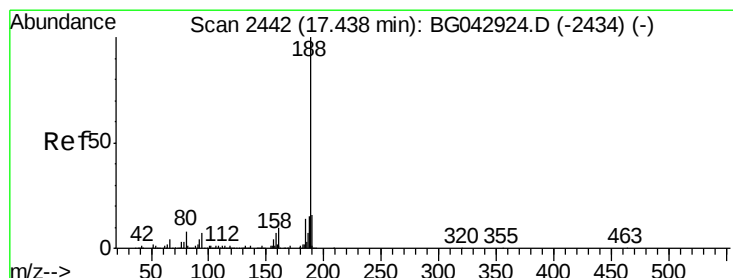
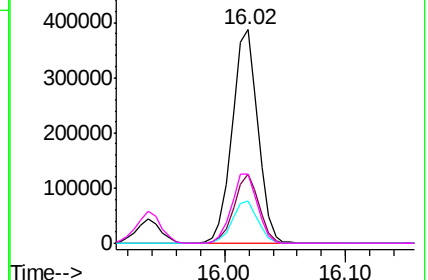
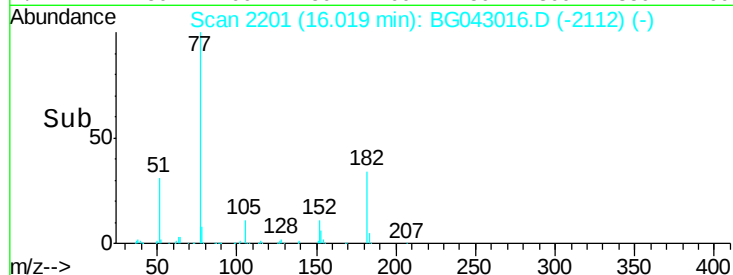


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

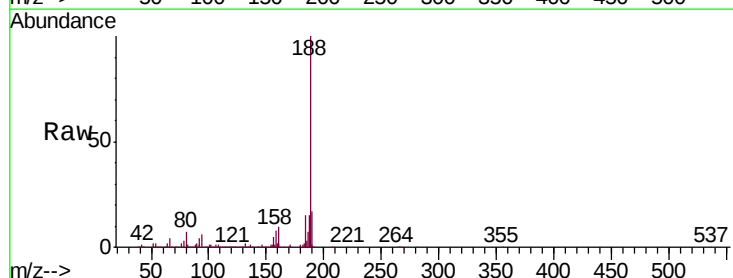
Tgt Ion: 188 Resp: 442725

Ion Ratio Lower Upper

188 100

94 6.0 5.7 8.5

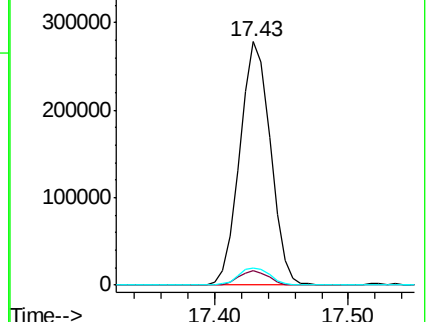
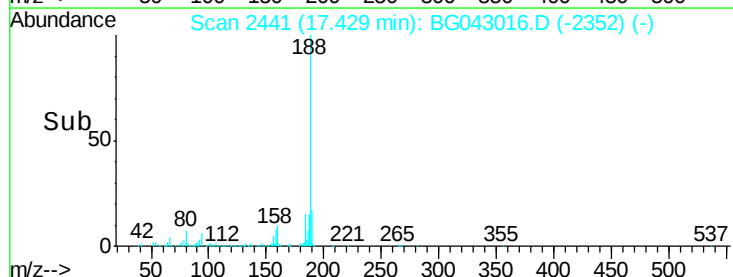
80 6.9 6.5 9.7

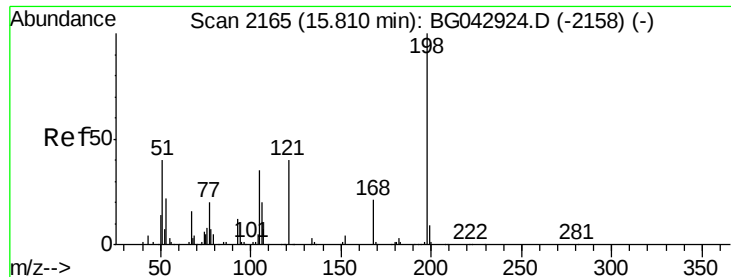


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

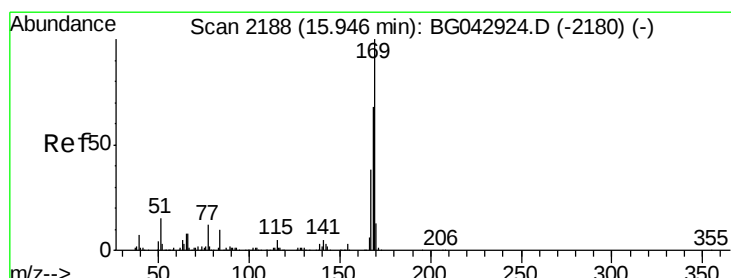
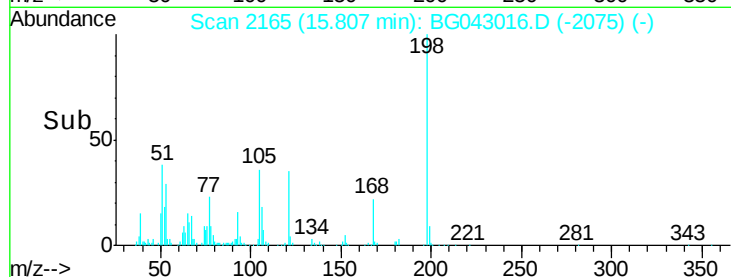
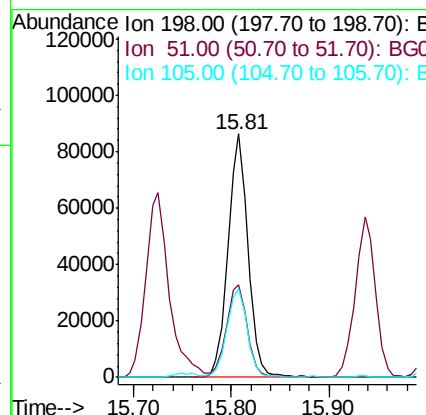
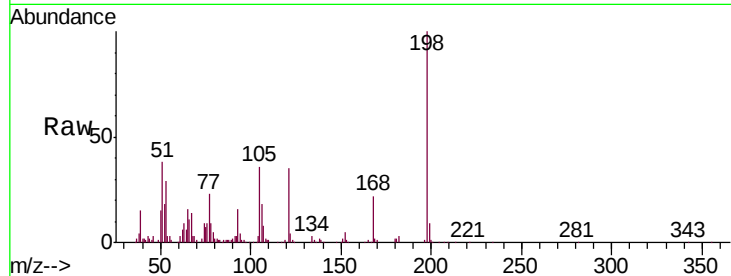




#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.835 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

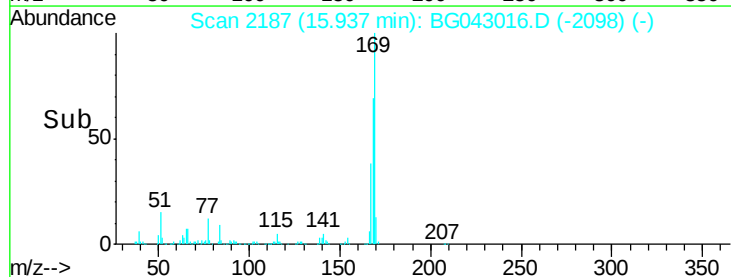
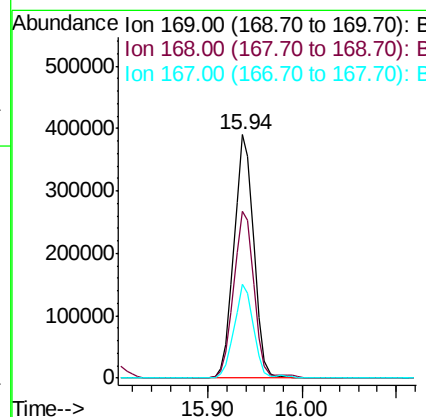
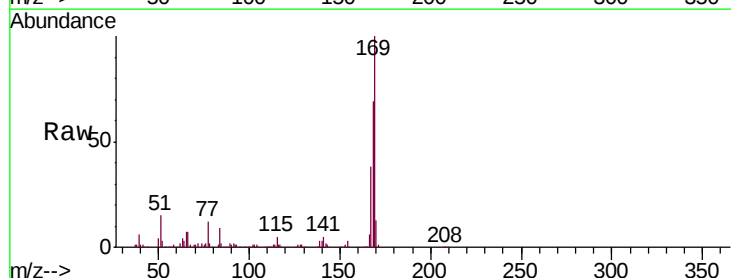
Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13MSD

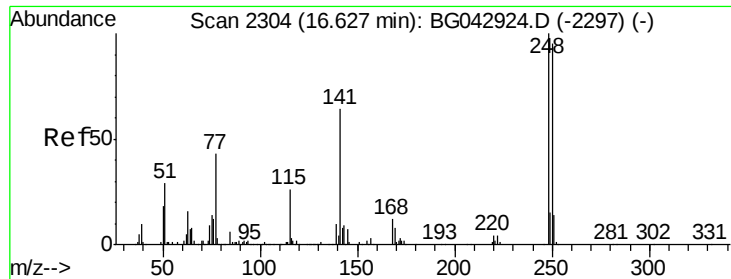
Tgt Ion:198 Resp: 122344
 Ion Ratio Lower Upper
 198 100
 51 38.0 25.3 65.3
 105 36.4 16.6 56.6



#66
 n-Nitrosodiphenylamine
 Concen: 48.729 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

Tgt Ion:169 Resp: 569507
 Ion Ratio Lower Upper
 169 100
 168 68.7 54.8 82.2
 167 38.4 30.6 46.0

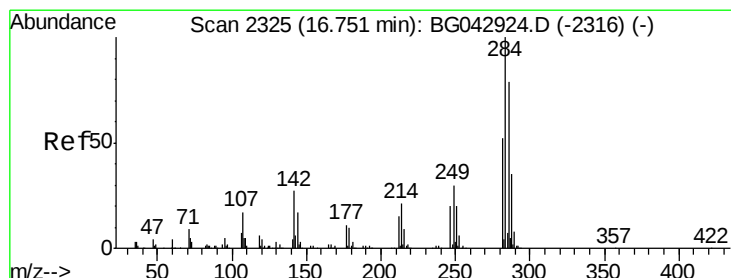
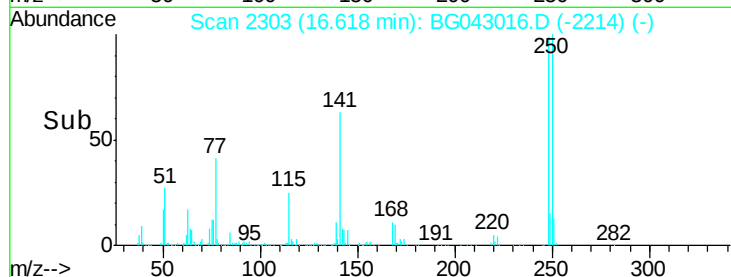
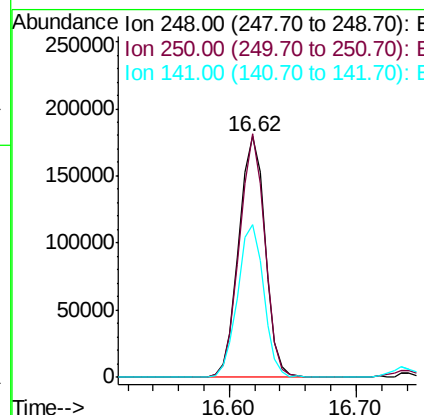
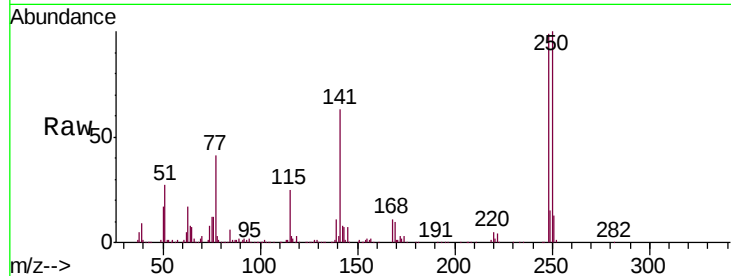




#67
4-Bromophenyl-phenylether
Concen: 46.327 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

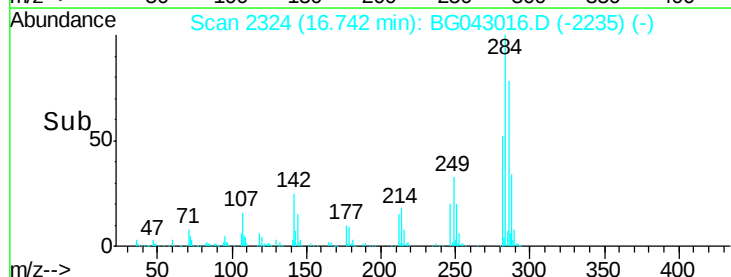
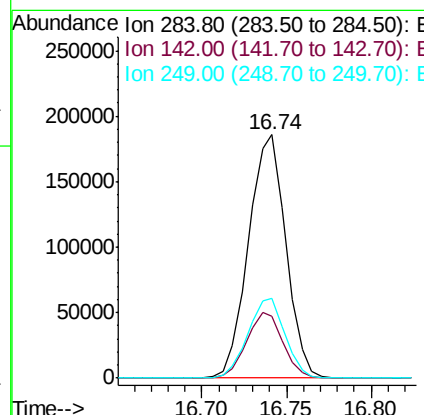
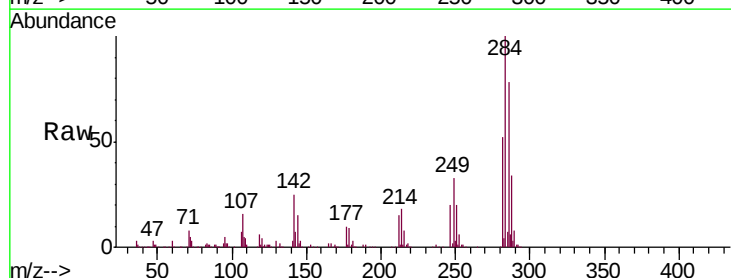
Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

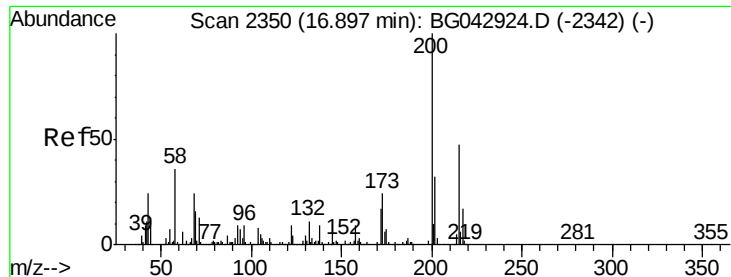
Tgt Ion	Ratio	Lower	Upper
248	100		
250	101.2	75.8	113.8
141	63.6	51.1	76.7



#68
Hexachlorobenzene
Concen: 46.206 ng
RT: 16.74 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.2	21.6	32.4
249	33.0	24.1	36.1

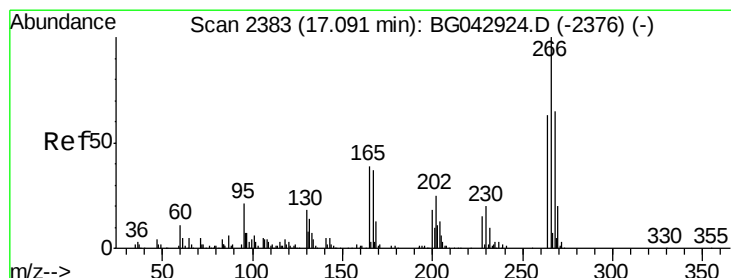
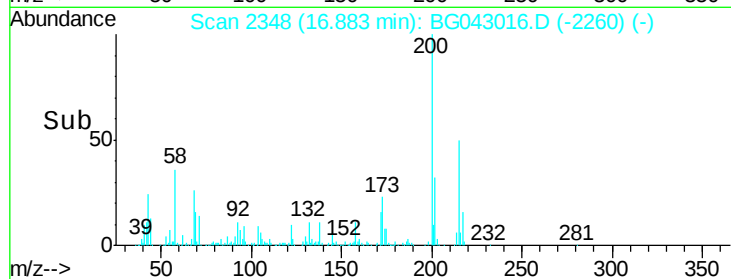
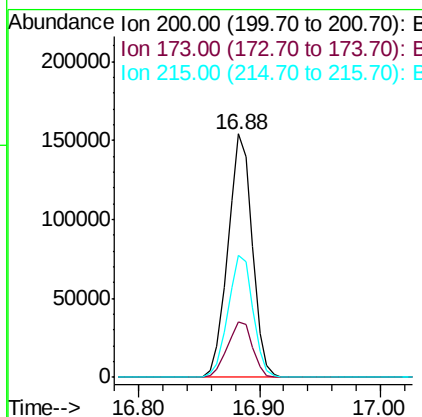
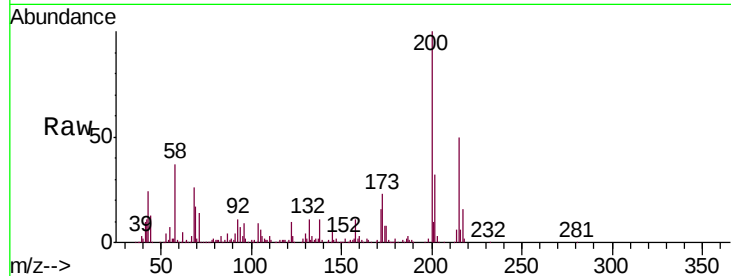




#69
 Atrazine
 Concen: 43.738 ng
 RT: 16.88 min Scan# 2348
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

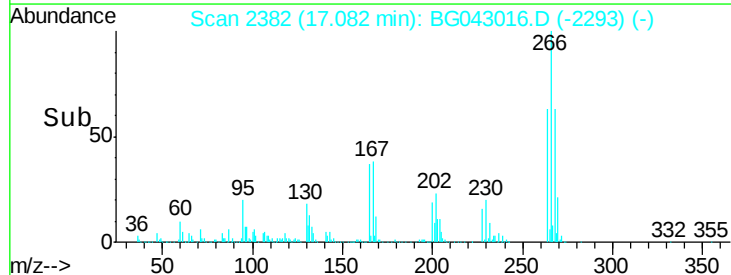
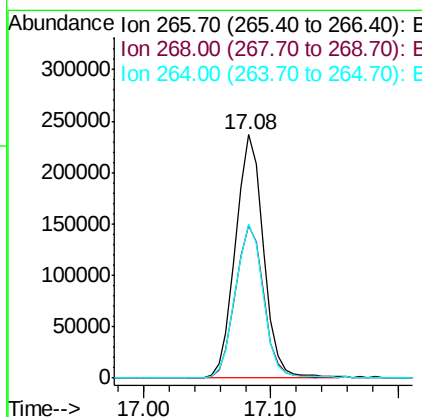
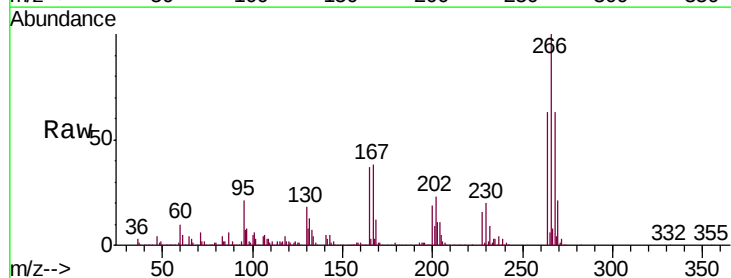
Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13MSD

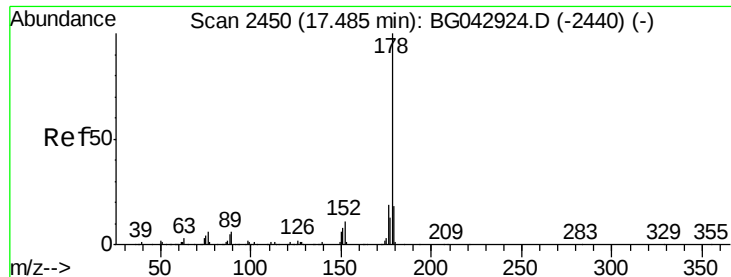
Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.9	4.0	44.0
215	50.3	27.4	67.4



#70
 Pentachlorophenol
 Concen: 101.104 ng
 RT: 17.08 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	52.2	78.2
264	63.2	50.7	76.1

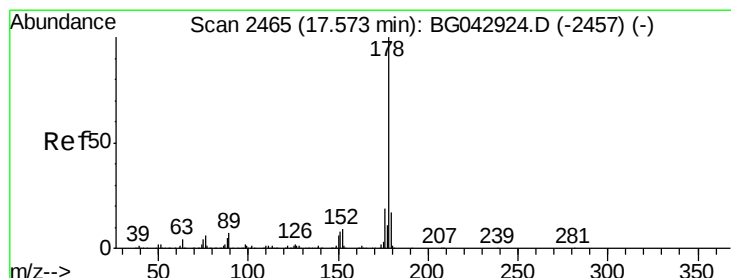
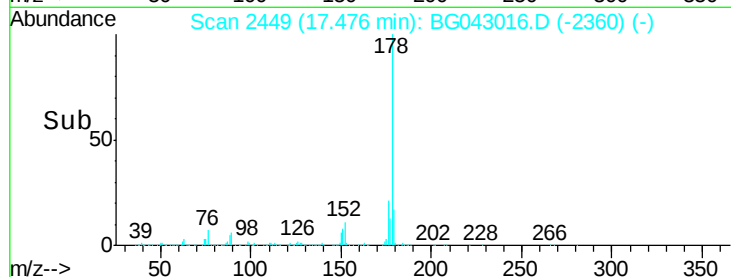
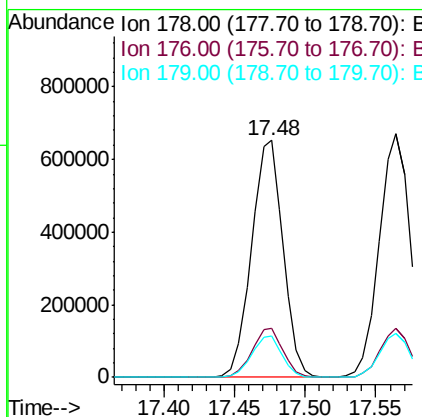
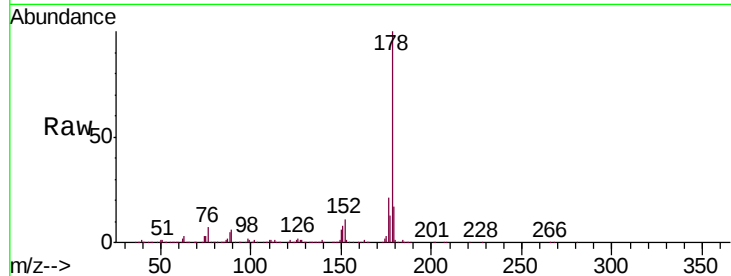




#71
Phenanthrene
Concen: 47.311 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

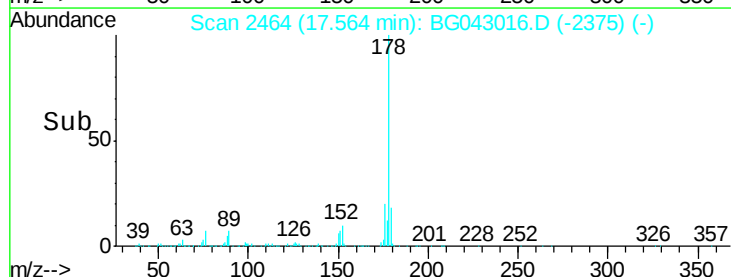
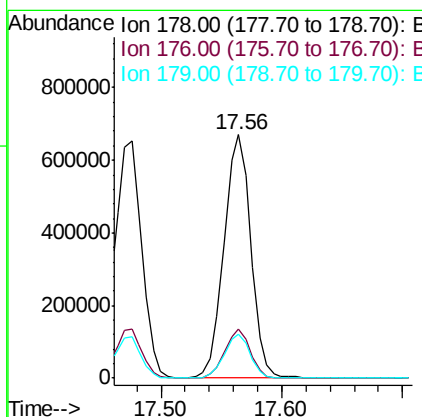
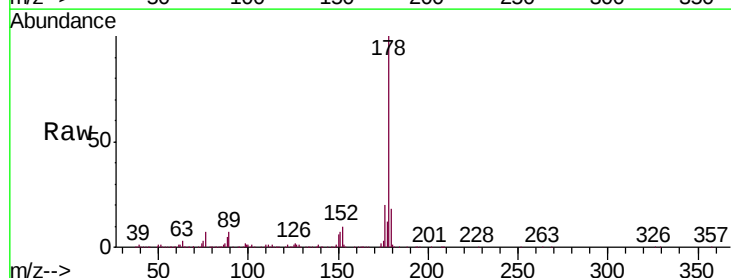
Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

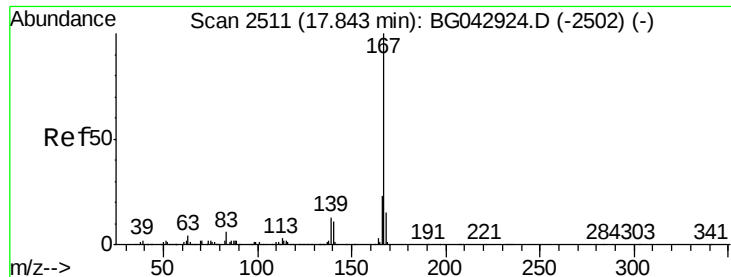
Tgt Ion:178 Resp: 1022570
Ion Ratio Lower Upper
178 100
176 20.5 15.1 22.7
179 17.4 14.1 21.1



#72
Anthracene
Concen: 47.686 ng
RT: 17.56 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG043016.D
Acq: 3 Oct 2019 17:48

Tgt Ion:178 Resp: 1028953
Ion Ratio Lower Upper
178 100
176 20.0 15.5 23.3
179 17.8 13.5 20.3

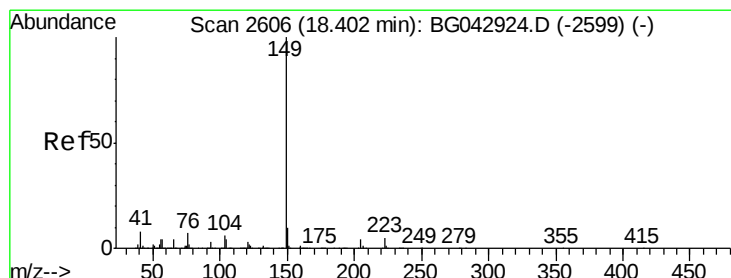
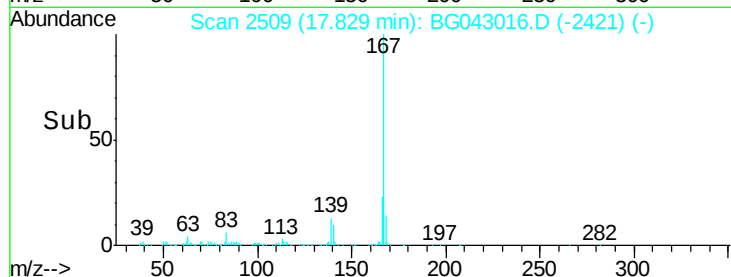
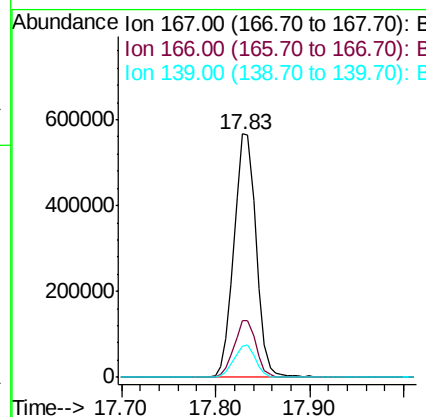
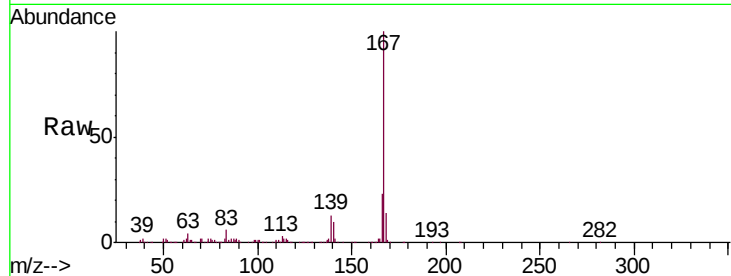




#73
 Carbazole
 Concen: 46.600 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

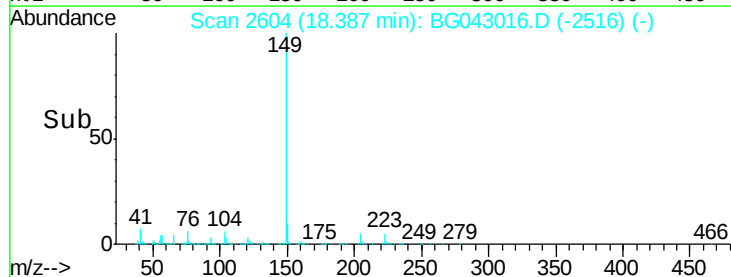
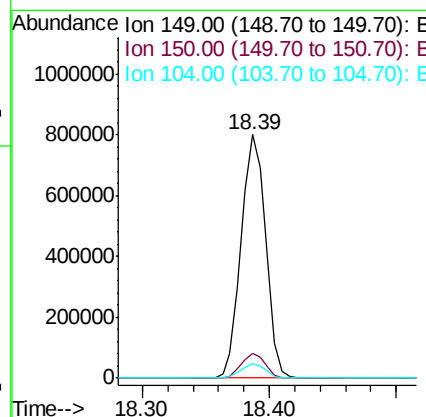
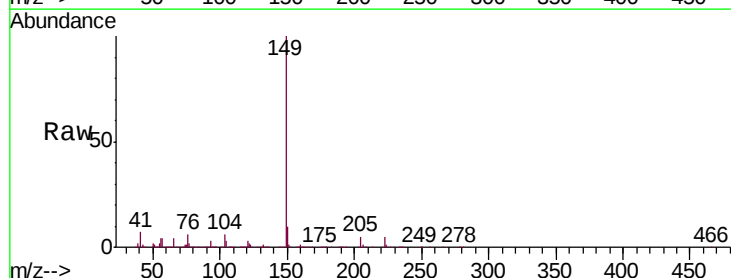
Instrument :
 BNA_G
 ClientSampleId :
 2019073-SS-COMPOSITE-13MSD

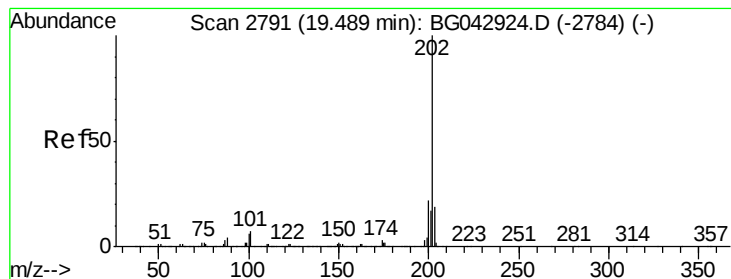
Tgt Ion:167 Resp: 932440
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.6 28.0
 139 12.7 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 44.673 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BG043016.D
 Acq: 3 Oct 2019 17:48

Tgt Ion:149 Resp: 1066495
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.7 11.5
 104 5.9 5.0 7.6





#75

Fluoranthene

Concen: 46.887 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Instrument :

BNA_G

ClientSampleId :

2019073-SS-COMPOSITE-13MSD

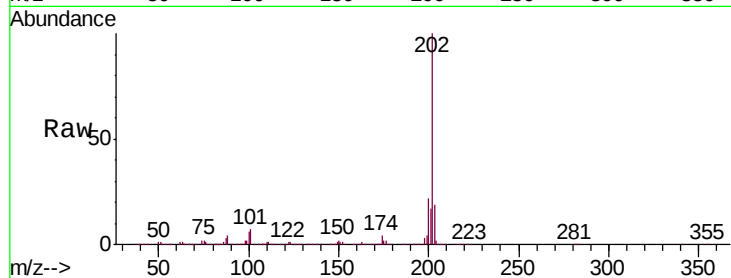
Tgt Ion:202 Resp: 1340413

Ion Ratio Lower Upper

202 100

101 6.5 0.0 27.3

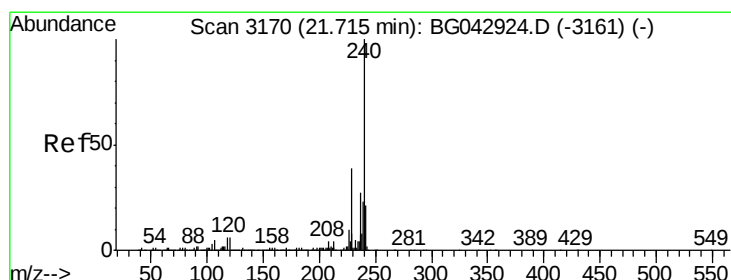
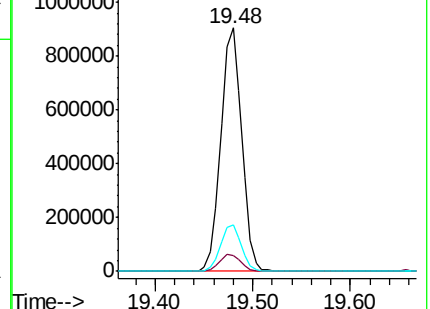
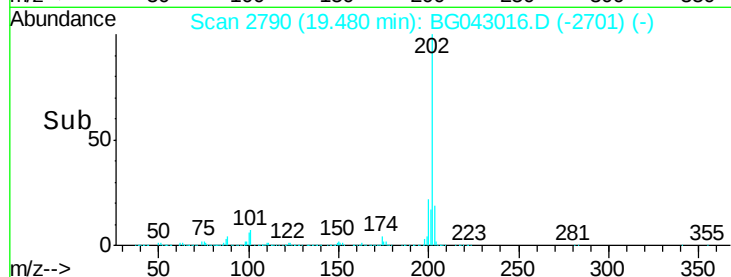
203 19.2 0.0 39.5



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: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

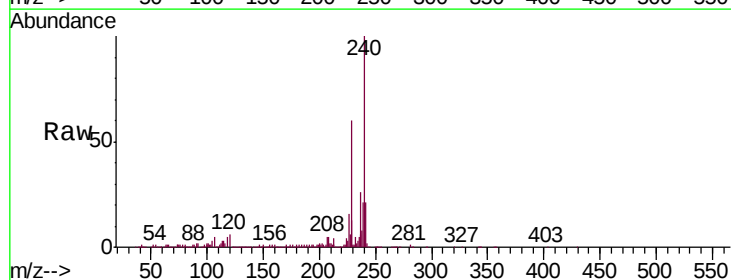
Tgt Ion:240 Resp: 470677

Ion Ratio Lower Upper

240 100

120 6.1 4.8 7.2

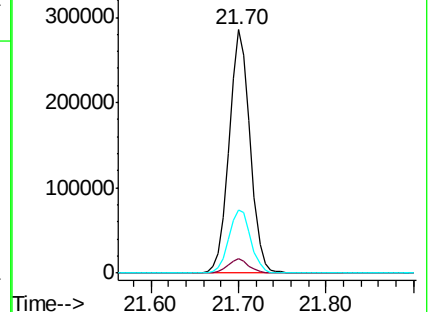
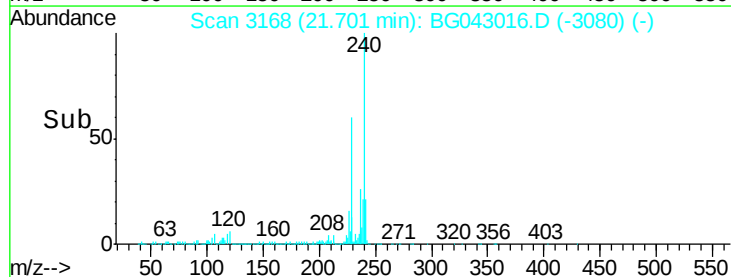
236 25.8 21.4 32.0

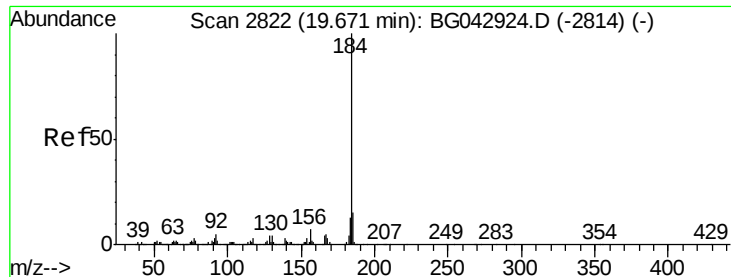


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 68.255 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Instrument :

BNA_G

ClientSampleId :

2019073-SS-COMPOSITE-13MSD

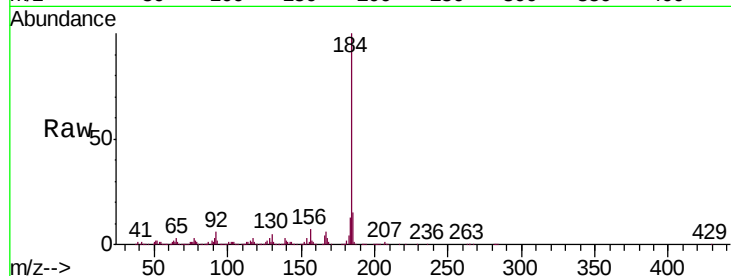
Tgt Ion:184 Resp: 804407

Ion Ratio Lower Upper

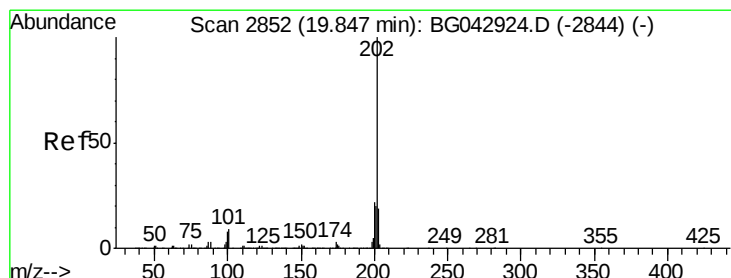
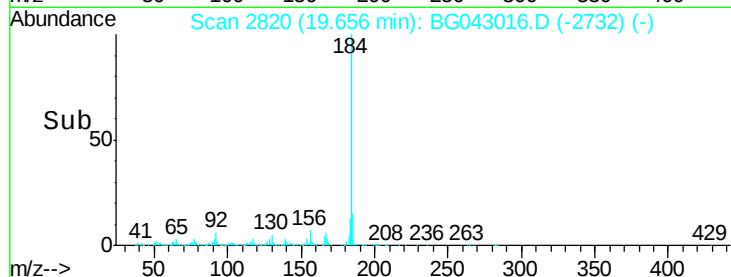
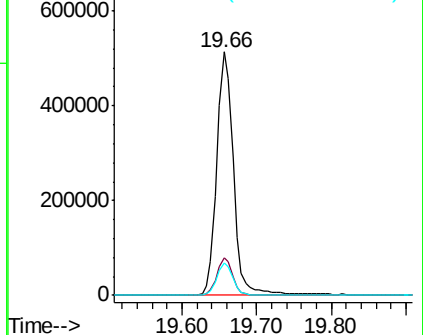
184 100

185 15.2 11.8 17.8

183 13.2 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: 48.086 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

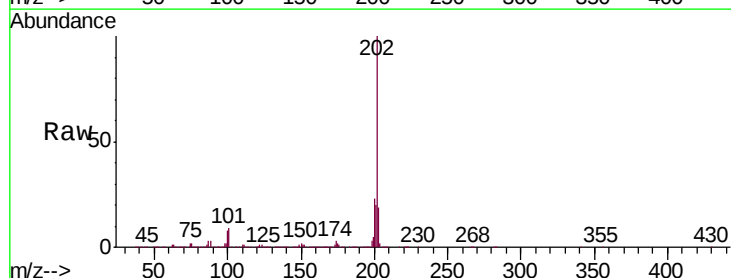
Tgt Ion:202 Resp: 1350863

Ion Ratio Lower Upper

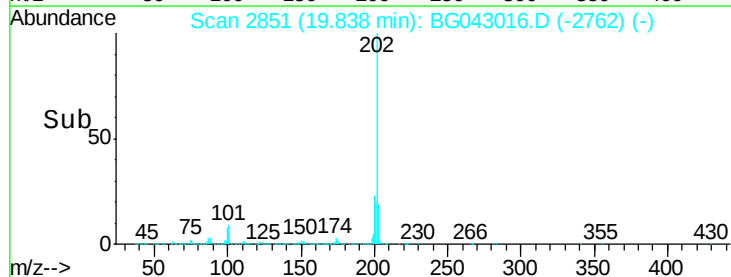
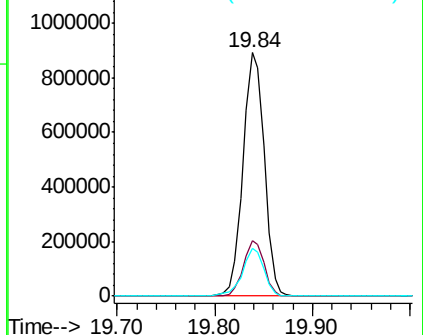
202 100

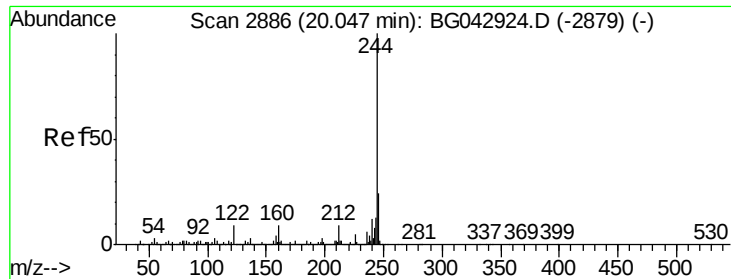
200 22.6 17.6 26.4

203 19.5 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: 68.949 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Instrument :

BNA_G

ClientSampleId :

2019073-SS-COMPOSITE-13MSD

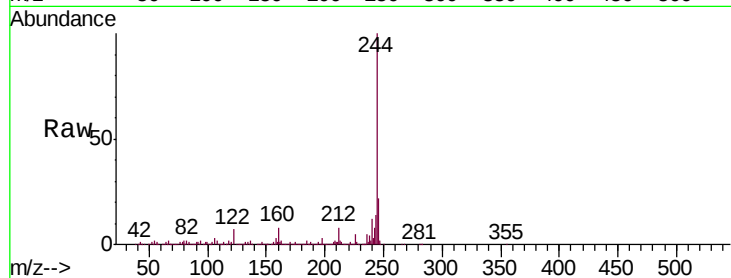
Tgt Ion:244 Resp: 1522977

Ion Ratio Lower Upper

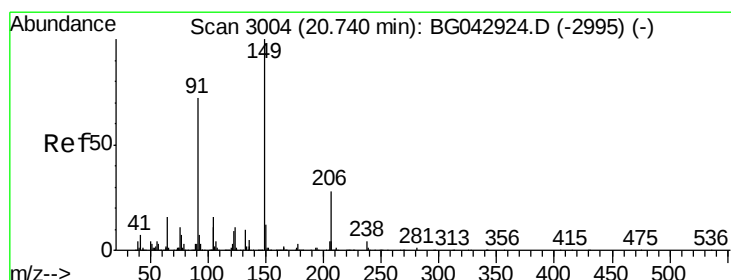
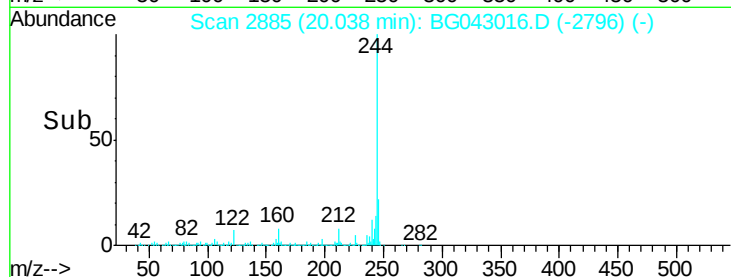
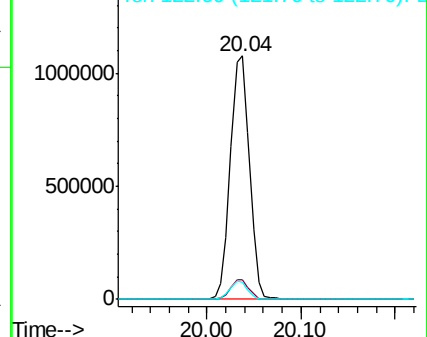
244 100

212 7.9 7.4 11.0

122 7.0 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: 46.865 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

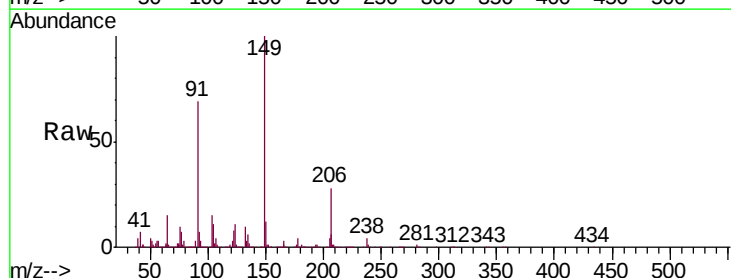
Tgt Ion:149 Resp: 499738

Ion Ratio Lower Upper

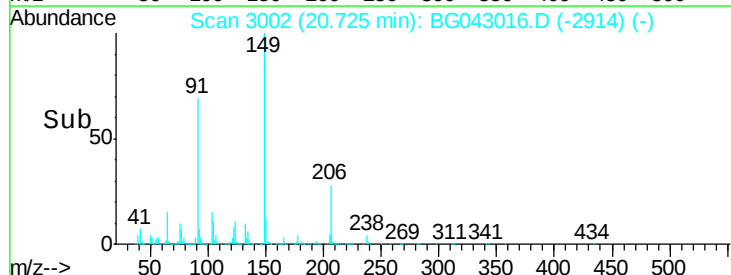
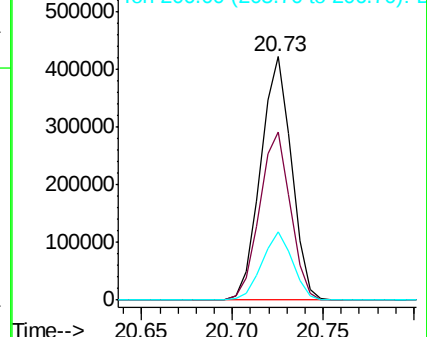
149 100

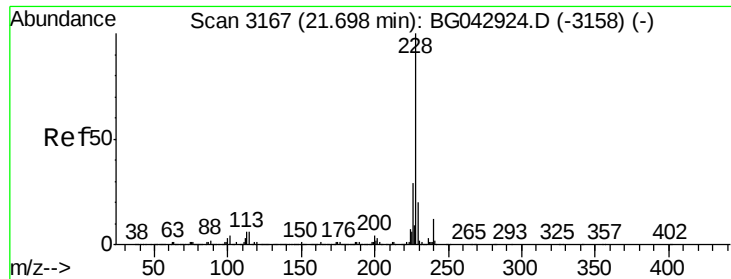
91 68.9 57.7 86.5

206 28.2 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: 46.214 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Instrument :

BNA_G

ClientSampleId :

2019073-SS-COMPOSITE-13MSD

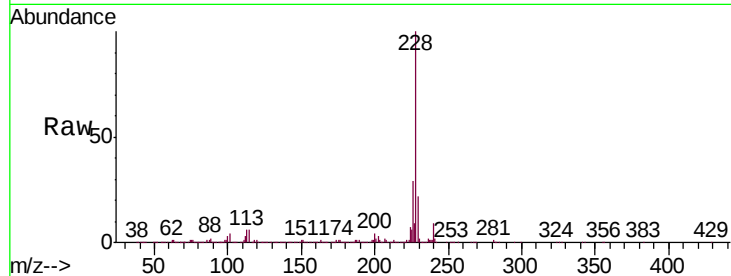
Tgt Ion:228 Resp: 1355335

Ion Ratio Lower Upper

228 100

226 29.1 23.0 34.4

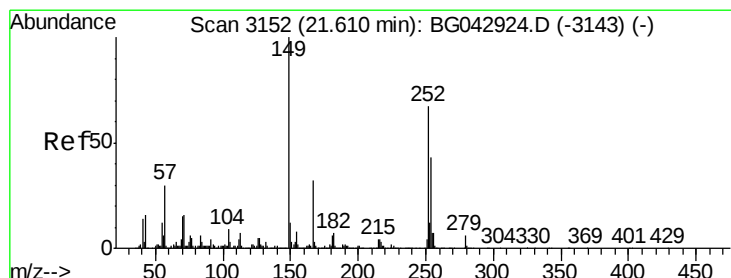
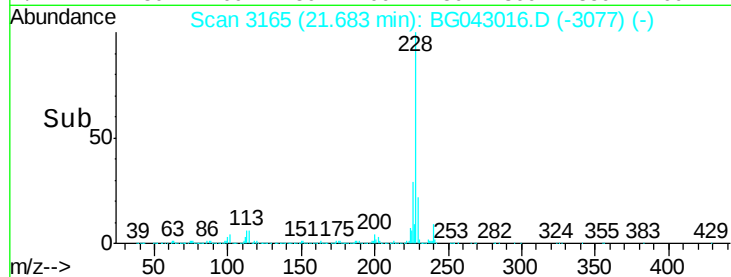
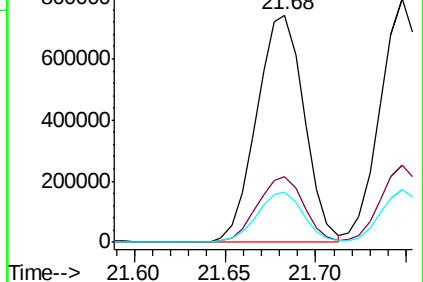
229 22.3 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.072 ng

RT: 21.59 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

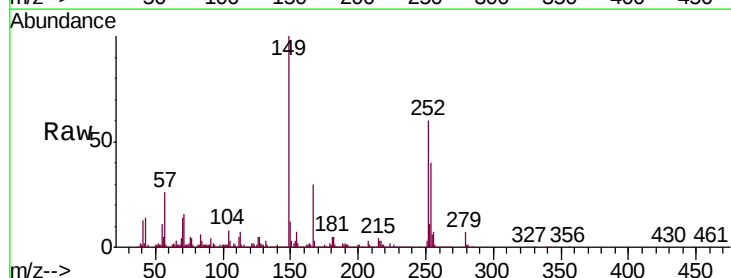
Tgt Ion:252 Resp: 391915

Ion Ratio Lower Upper

252 100

254 66.2 51.9 77.9

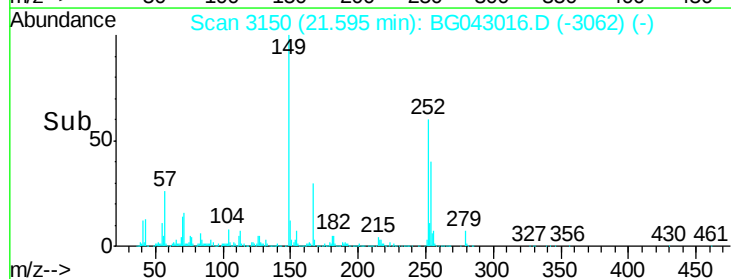
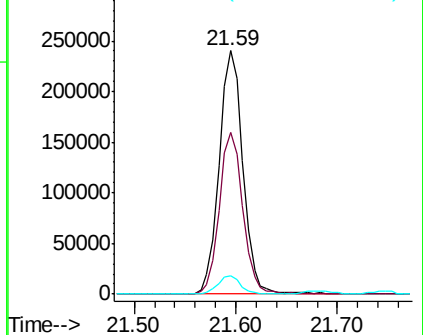
126 7.6 6.1 9.1

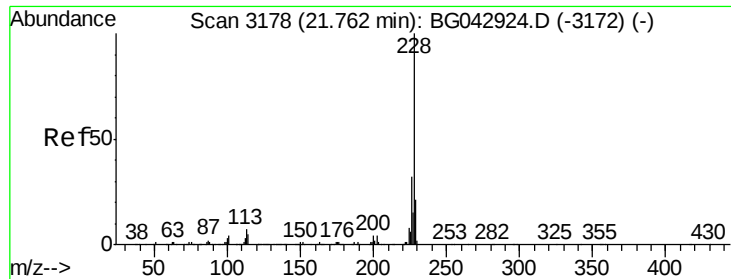


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.066 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Instrument :

BNA_G

ClientSampleId :

2019073-SS-COMPOSITE-13MSD

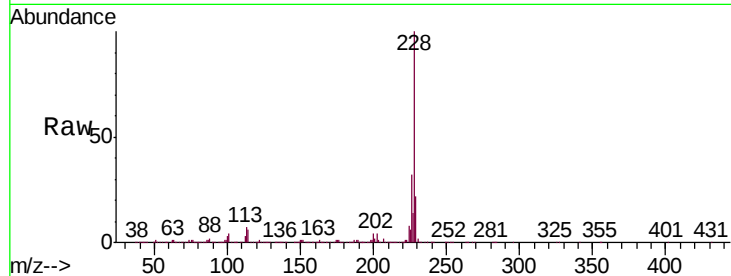
Tgt Ion:228 Resp: 1311045

Ion Ratio Lower Upper

228 100

226 31.6 25.6 38.4

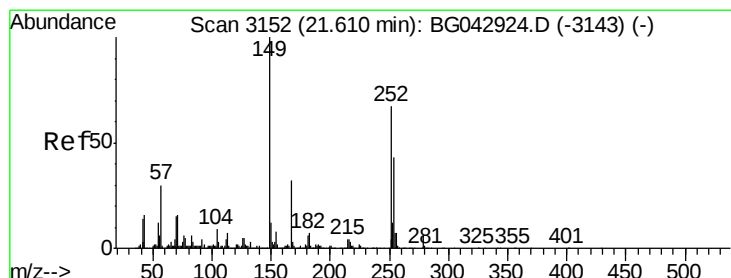
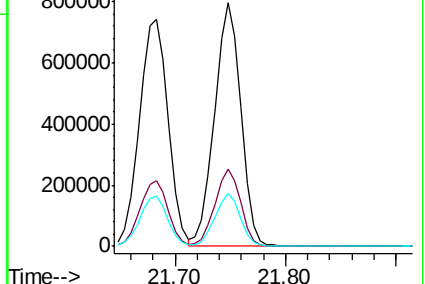
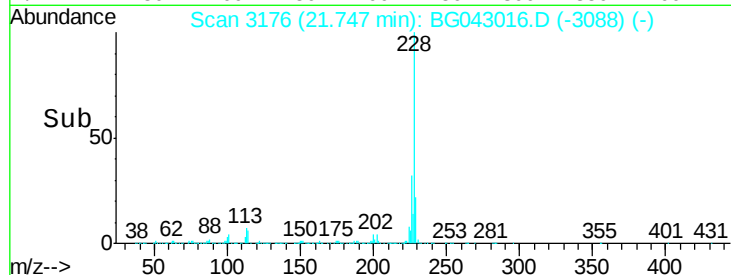
229 21.6 16.9 25.3



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: 46.879 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.02 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

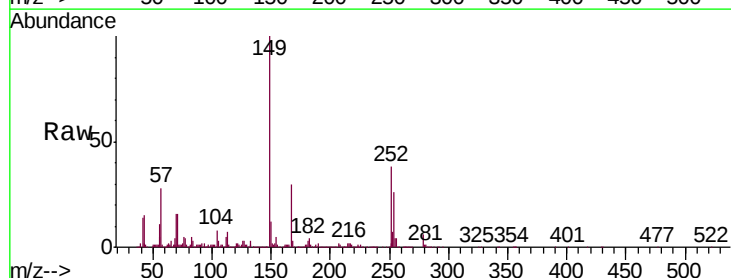
Tgt Ion:149 Resp: 711313

Ion Ratio Lower Upper

149 100

167 30.3 25.4 38.2

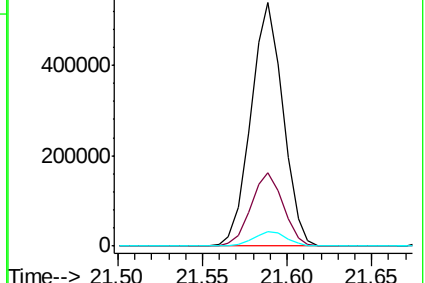
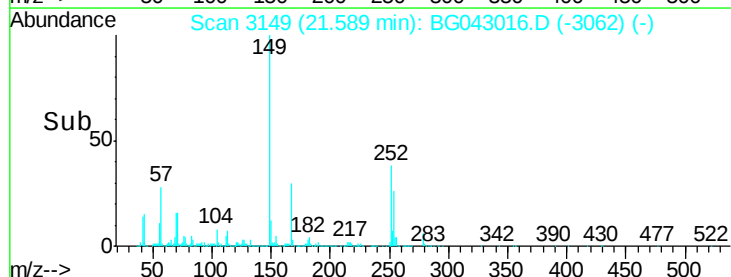
279 6.1 5.1 7.7

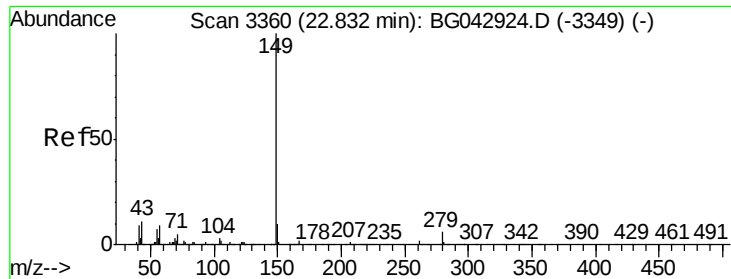


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.758 ng

RT: 22.80 min Scan# 3355

Delta R.T. -0.03 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Instrument :

BNA_G

ClientSampleId :

2019073-SS-COMPOSITE-13MSD

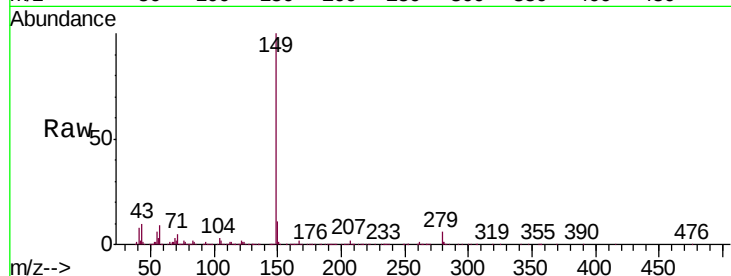
Tgt Ion:149 Resp: 1209771

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

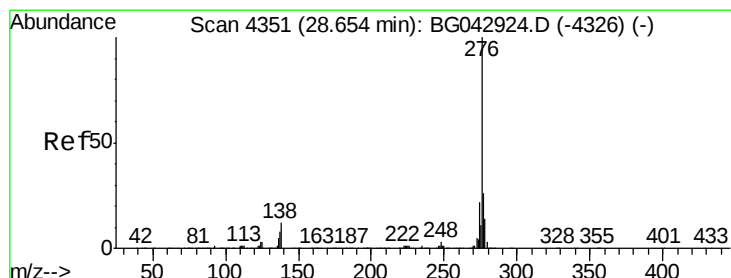
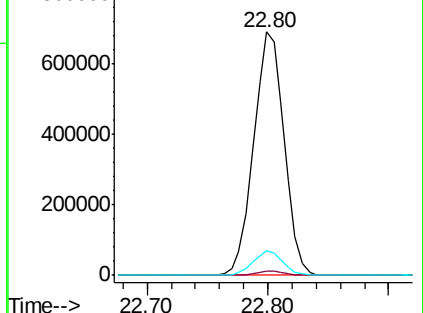
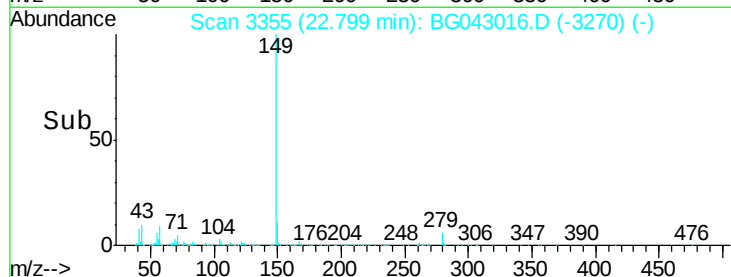
43 9.7 8.7 13.1



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: 48.898 ng

RT: 28.59 min Scan# 4341

Delta R.T. -0.06 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

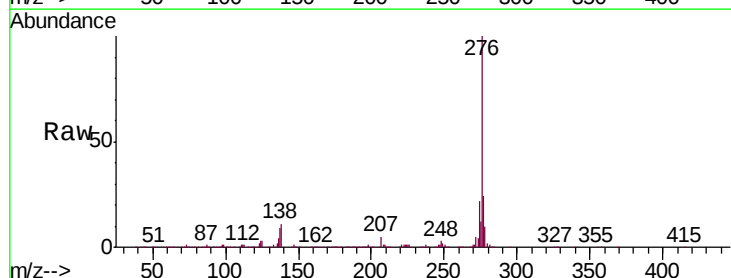
Tgt Ion:276 Resp: 1732490

Ion Ratio Lower Upper

276 100

138 14.3 7.0 10.6#

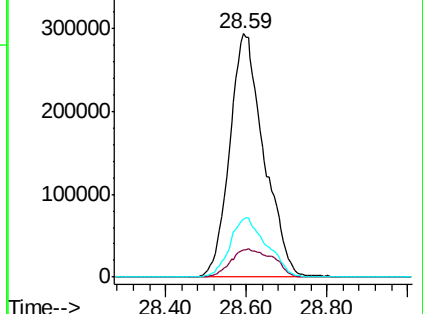
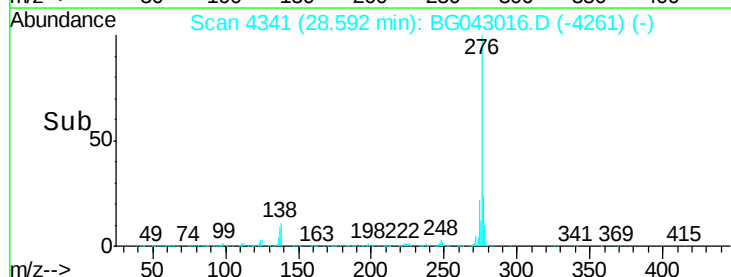
277 26.2 20.9 31.3

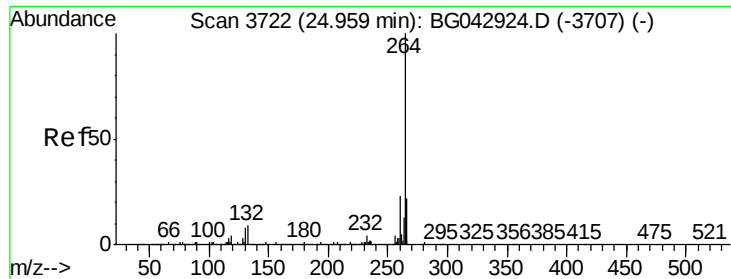


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.03 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Instrument :

BNA_G

ClientSampleId :

2019073-SS-COMPOSITE-13MSD

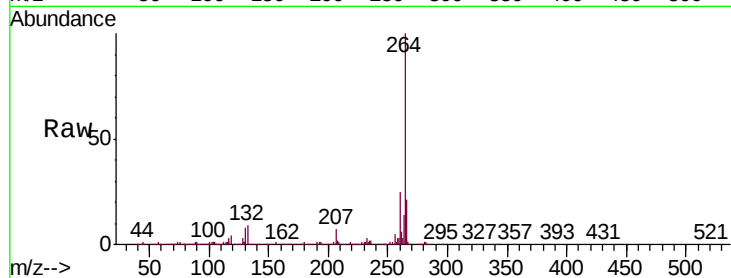
Tgt Ion:264 Resp: 549444

Ion Ratio Lower Upper

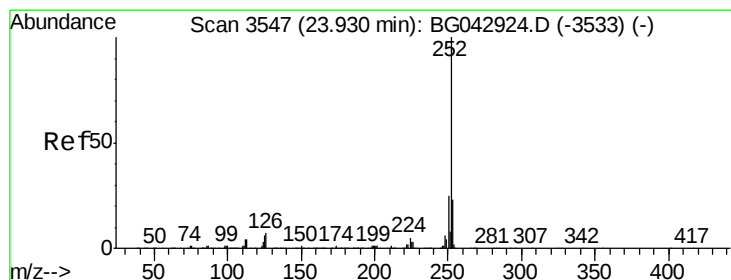
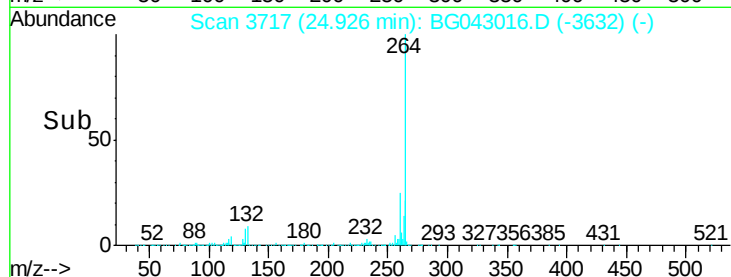
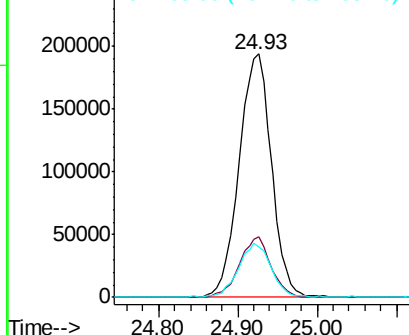
264 100

260 25.0 18.7 28.1

265 20.9 17.7 26.5



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



#88

Benzo(b)fluoranthene

Concen: 46.551 ng

RT: 23.90 min Scan# 3542

Delta R.T. -0.03 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

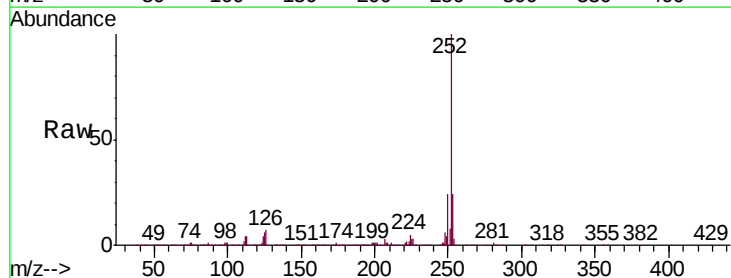
Tgt Ion:252 Resp: 1447210

Ion Ratio Lower Upper

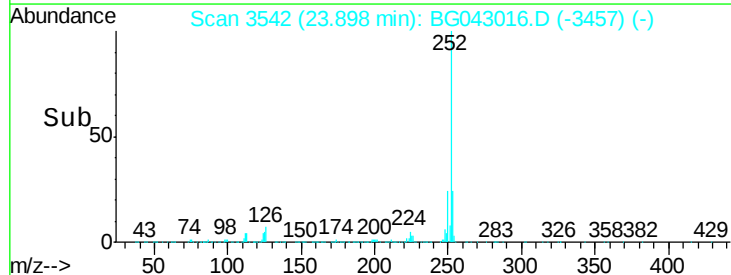
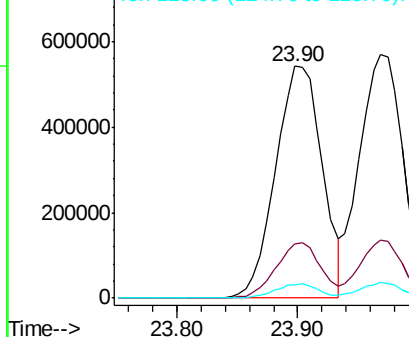
252 100

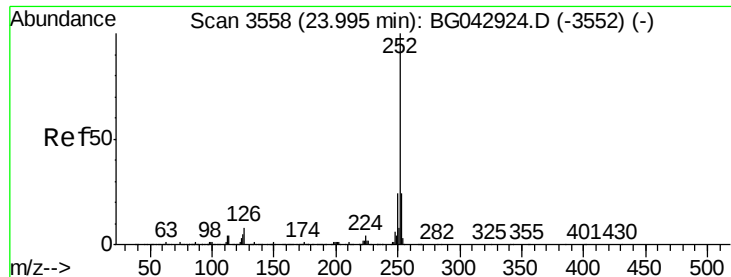
253 23.6 18.2 27.2

125 5.5 4.6 7.0



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





#89

Benzo(k)fluoranthene

Concen: 46.430 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.03 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Instrument :

BNA_G

ClientSampleId :

2019073-SS-COMPOSITE-13MSD

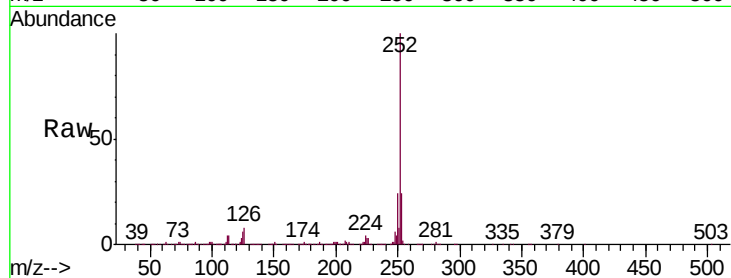
Tgt Ion:252 Resp: 1427997

Ion Ratio Lower Upper

252 100

253 23.8 18.9 28.3

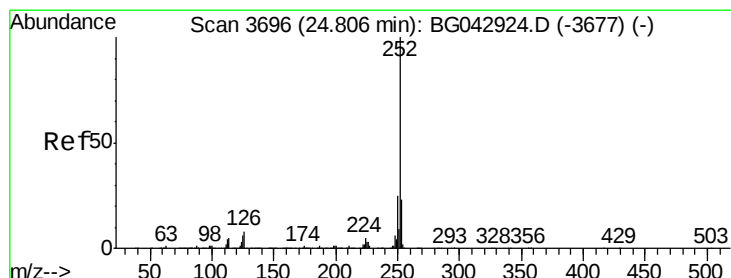
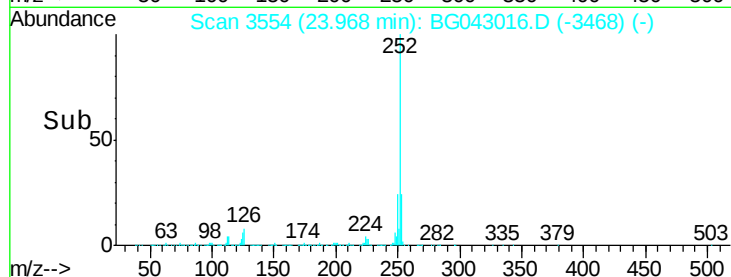
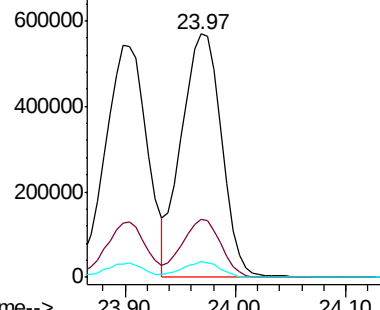
125 6.3 4.5 6.7



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: 49.064 ng

RT: 24.77 min Scan# 3691

Delta R.T. -0.03 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

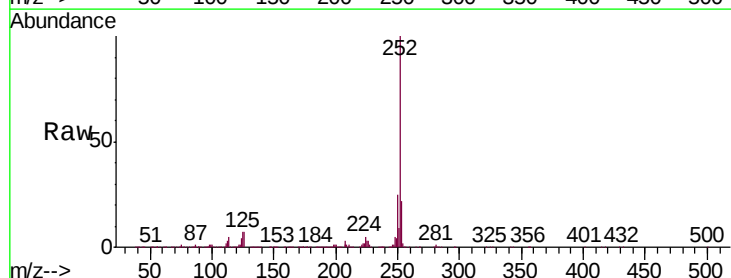
Tgt Ion:252 Resp: 1439104

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

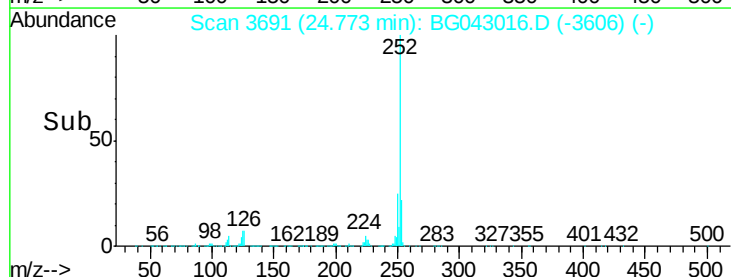
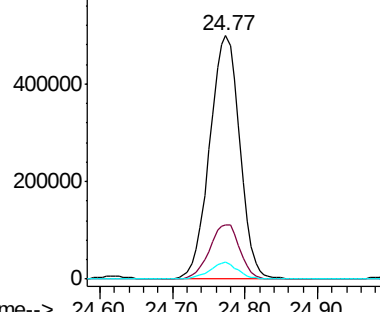
125 6.8 5.0 7.6

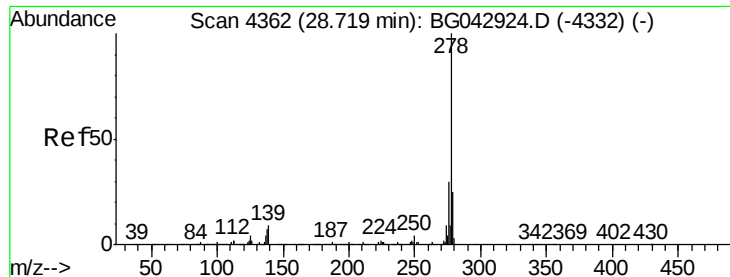


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 48.253 ng

RT: 28.66 min Scan# 4353

Delta R.T. -0.06 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

Instrument :

BNA_G

ClientSampleId :

2019073-SS-COMPOSITE-13MSD

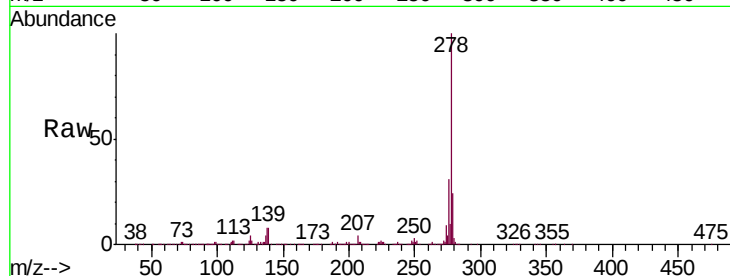
Tgt Ion:278 Resp: 1451286

Ion Ratio Lower Upper

278 100

139 8.0 6.8 10.2

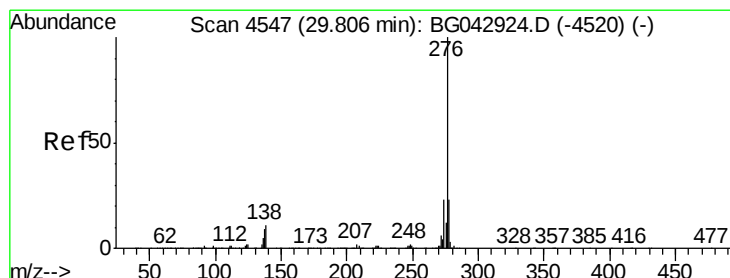
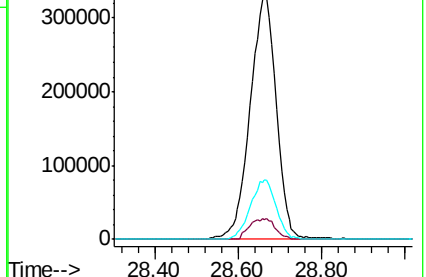
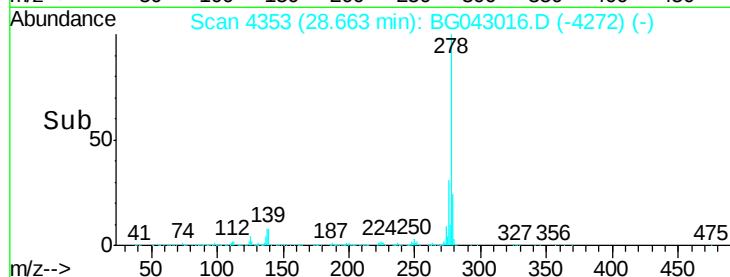
279 24.2 20.1 30.1



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: 48.713 ng

RT: 29.74 min Scan# 4537

Delta R.T. -0.06 min

Lab File: BG043016.D

Acq: 3 Oct 2019 17:48

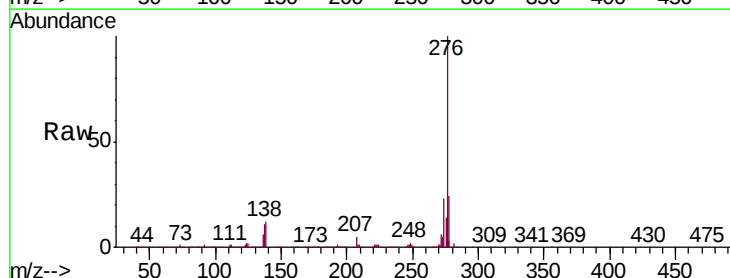
Tgt Ion:276 Resp: 1419604

Ion Ratio Lower Upper

276 100

277 24.0 18.4 27.6

138 12.1 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

