

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
 Data File : BG040716.D
 Acq On : 2 May 2019 20:54
 Operator : JU/SJ
 Sample : K2204-06MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-043019MSD

Quant Time: May 03 04:24:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	44429	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	180500	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	142018	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	404504	20.00	ng	-0.01
76) Chrysene-d12	21.80	240	401199	20.00	ng	-0.02
87) Perylene-d12	25.16	264	417576	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	413526	164.07	ng	0.00
7) Phenol-d6	7.29	99	595221	153.38	ng	0.00
23) Nitrobenzene-d5	9.32	82	454916	116.45	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	387933	198.73	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	974207	99.07	ng	-0.01
79) Terphenyl-d14	20.11	244	2012898	111.15	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	51582	45.001	ng	# 41
3) Pyridine	3.97	79	161217	48.524	ng	100
4) n-Nitrosodimethylamine	3.88	42	88523	48.036	ng	86
6) Aniline	7.47	93	72527	14.100	ng	95
8) 2-Chlorophenol	7.70	128	160484	52.147	ng	91
9) Benzaldehyde	7.28	77	39786	12.722	ng	96
10) Phenol	7.32	94	209208	50.151	ng	96
11) bis(2-Chloroethyl)ether	7.56	93	153575	49.094	ng	98
12) 1,3-Dichlorobenzene	8.03	146	160304	47.723	ng	100
13) 1,4-Dichlorobenzene	8.18	146	164051	48.177	ng	97
14) 1,2-Dichlorobenzene	8.50	146	159969	48.712	ng	97
15) Benzyl Alcohol	8.38	79	202094	50.049	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	273427	43.902	ng	97
17) 2-Methylphenol	8.58	107	158421	53.662	ng	97
18) Hexachloroethane	9.24	117	62677	44.870	ng	96
19) n-Nitroso-di-n-propylamine	8.95	70	156484	44.795	ng	97
20) 3+4-Methylphenols	8.91	107	218694	53.177	ng	98
22) Acetophenone	8.98	105	280057	55.797	ng	# 96
24) Nitrobenzene	9.37	77	239472	57.456	ng	99
25) Isophorone	9.88	82	448748	51.571	ng	99
26) 2-Nitrophenol	10.08	139	94001	62.918	ng	# 87
27) 2,4-Dimethylphenol	10.12	122	182946	65.264	ng	96
28) bis(2-Chloroethoxy)methane	10.36	93	223568	51.210	ng	97
29) 2,4-Dichlorophenol	10.61	162	201588	63.256	ng	95
30) 1,2,4-Trichlorobenzene	10.83	180	195530	55.328	ng	97
31) Naphthalene	11.02	128	514718	53.676	ng	99
32) Benzoic acid	10.25	122	128884	67.162	ng	89
33) 4-Chloroaniline	11.13	127	10888	2.561	ng	# 86
34) Hexachlorobutadiene	11.29	225	139051	53.295	ng	95
35) Caprolactam	11.91	113	41607	33.069	ng	# 75
36) 4-Chloro-3-methylphenol	12.23	107	259106	64.450	ng	98
37) 2-Methylnaphthalene	12.61	142	398874	55.633	ng	99
38) 1-Methylnaphthalene	12.83	142	383224	54.683	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	272168	51.444	ng	98

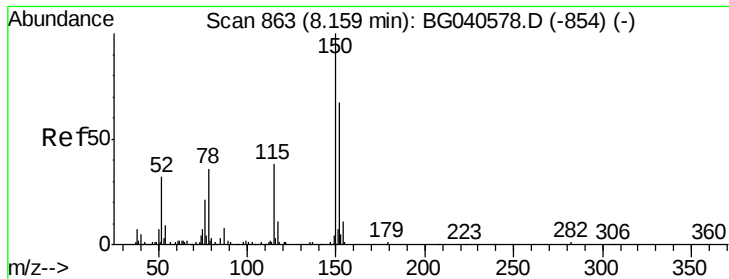
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	315021	100.909	ng	99
43) 2,4,6-Trichlorophenol	13.21	196	198876	62.205	ng	96
44) 2,4,5-Trichlorophenol	13.28	196	217736	62.518	ng	98
46) 1,1'-Biphenyl	13.61	154	551988	50.061	ng	96
47) 2-Chloronaphthalene	13.66	162	452563	52.446	ng	98
48) 2-Nitroaniline	13.87	65	197013	64.139	ng	98
49) Acenaphthylene	14.51	152	745628	50.929	ng	98
50) Dimethylphthalate	14.22	163	674721	56.783	ng	99
51) 2,6-Dinitrotoluene	14.35	165	147569	63.633	ng	99
52) Acenaphthene	14.84	154	443438	52.010	ng	95
53) 3-Nitroaniline	14.68	138	23480	9.882	ng	# 96
54) 2,4-Dinitrophenol	14.89	184	195262	143.214	ng	# 81
55) Dibenzofuran	15.18	168	757498	54.242	ng	98
56) 4-Nitrophenol	14.98	139	240442	116.697	ng	96
57) 2,4-Dinitrotoluene	15.14	165	219135	69.539	ng	97
58) Fluorene	15.82	166	622501	55.150	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.39	232	237453	67.738	ng	98
60) Diethylphthalate	15.58	149	707297	56.417	ng	99
61) 4-Chlorophenyl-phenylether	15.81	204	379810	57.856	ng	99
62) 4-Nitroaniline	15.85	138	129876	48.862	ng	92
63) Azobenzene	16.10	77	672575	52.093	ng	99
65) 4,6-Dinitro-2-methylphenol	15.89	198	129701	62.549	ng	91
66) n-Nitrosodiphenylamine	16.02	169	553461	46.506	ng	99
67) 4-Bromophenyl-phenylether	16.70	248	256849	50.967	ng	96
68) Hexachlorobenzene	16.81	284	267089	51.256	ng	94
69) Atrazine	16.96	200	135132	28.659	ng	98
70) Pentachlorophenol	17.16	266	364614	119.574	ng	99
71) Phenanthrene	17.56	178	1118698	51.346	ng	97
72) Anthracene	17.66	178	1142529	52.170	ng	98
73) Carbazole	17.93	167	956785	47.952	ng	99
74) Di-n-butylphthalate	18.46	149	1225225	50.876	ng	99
75) Fluoranthene	19.57	202	1440886	53.069	ng	99
78) Pyrene	19.92	202	1454930	57.861	ng	97
80) Butylbenzylphthalate	20.79	149	567204	57.875	ng	99
81) Benzo(a)anthracene	21.78	228	1389336	54.793	ng	98
82) 3,3'-Dichlorobenzidine	21.70	252	59463	6.580	ng	95
83) Chrysene	21.86	228	1353803	56.141	ng	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	779627	55.109	ng	97
85) Di-n-octyl phthalate	22.91	149	1329234	55.790	ng	98
86) Indeno(1,2,3-cd)pyrene	29.03	276	1593268	54.647	ng	# 91
88) Benzo(b)fluoranthene	24.09	252	1443811	56.581	ng	97
89) Benzo(k)fluoranthene	24.17	252	1390968	58.369	ng	98
90) Benzo(a)pyrene	25.01	252	1365507	56.532	ng	97
91) Dibenzo(a,h)anthracene	29.11	278	1328498	54.350	ng	98
92) Benzo(g,h,i)perylene	30.25	276	1269809	52.197	ng	99

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

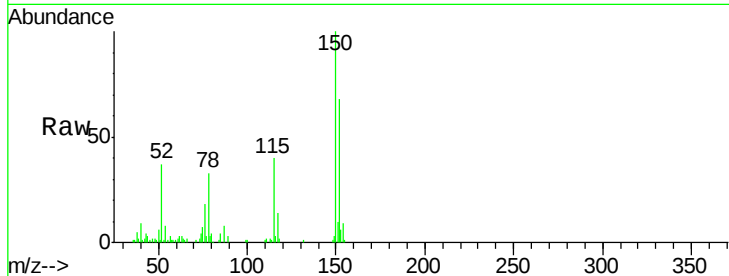


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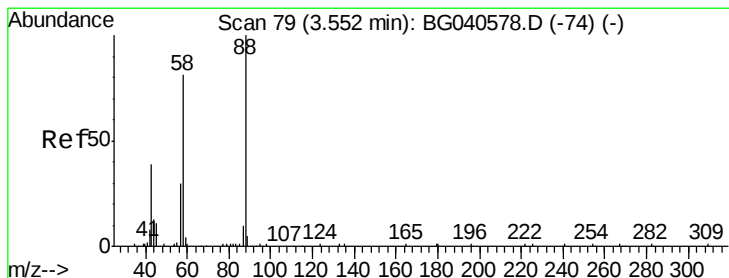
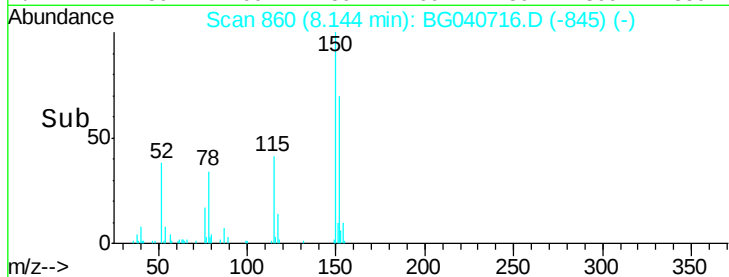
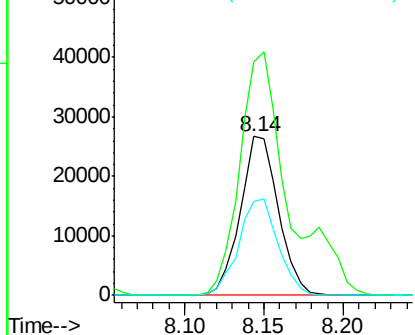
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BG040716.D
 Acq: 2 May 2019 20:54

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-043019MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.6	120.2	180.2
115	58.9	46.2	69.2



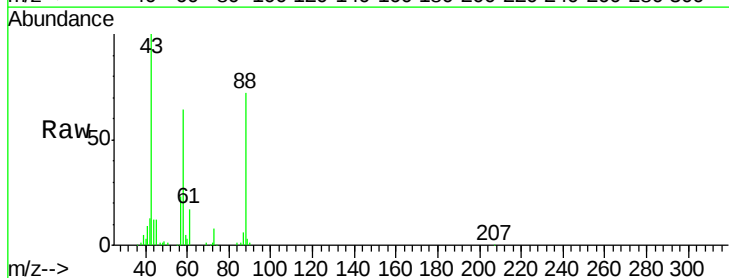
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



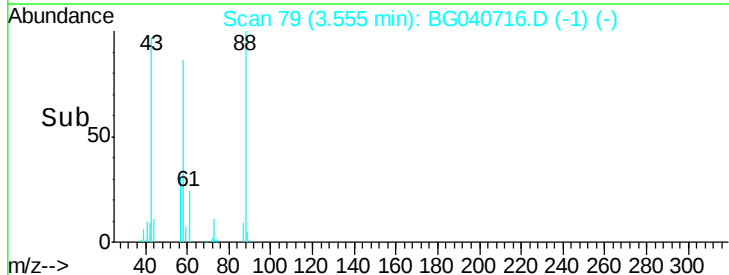
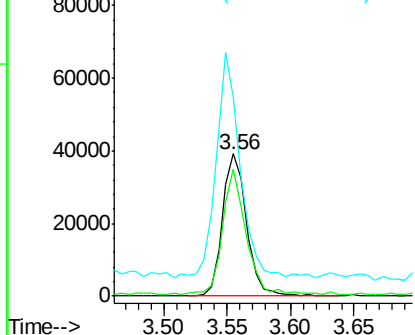
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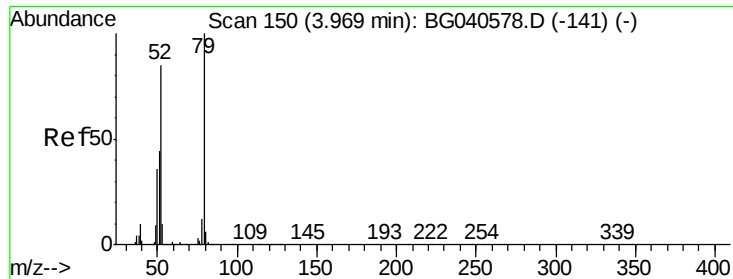
1,4-Dioxane
 Concen: 45.001 ng
 RT: 3.56 min Scan# 79
 Delta R.T. 0.00 min
 Lab File: BG040716.D
 Acq: 2 May 2019 20:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.0	71.2	106.8
43	153.2	35.6	53.4#



Abundance Ion 88.00 (87.70 to 88.70): BGC
 Ion 58.00 (57.70 to 58.70): BGC
 Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 48.524 ng

RT: 3.97 min Scan# 149

Delta R.T. -0.00 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MSD

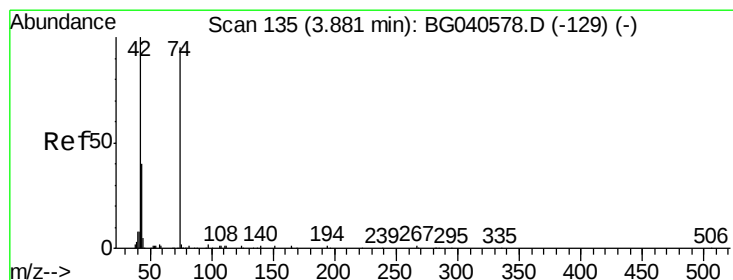
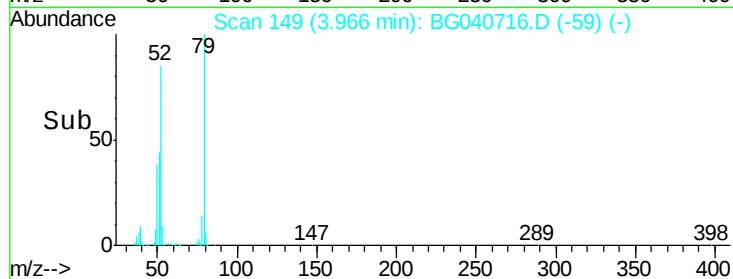
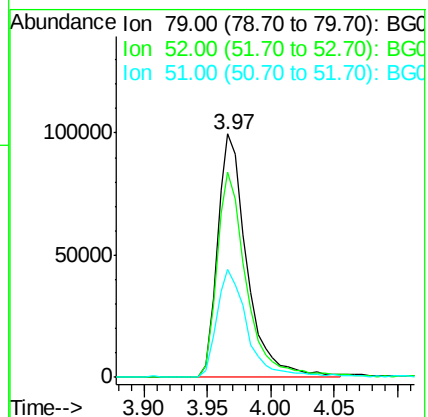
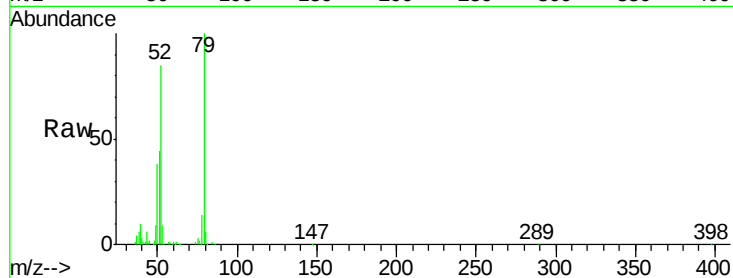
Tot Ion: 79 Resp: 161217

Ion Ratio Lower Upper

79 100

52 84.5 67.5 101.3

51 44.5 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 48.036 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.00 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

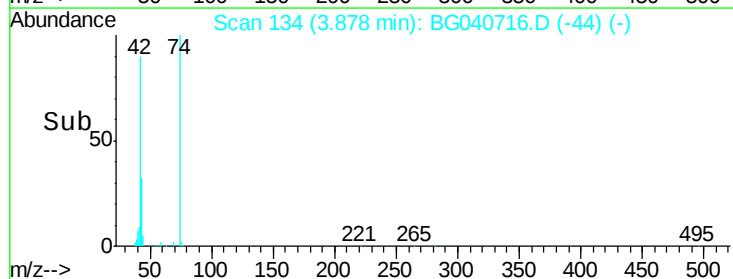
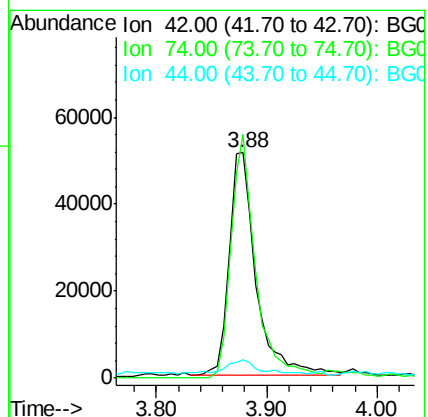
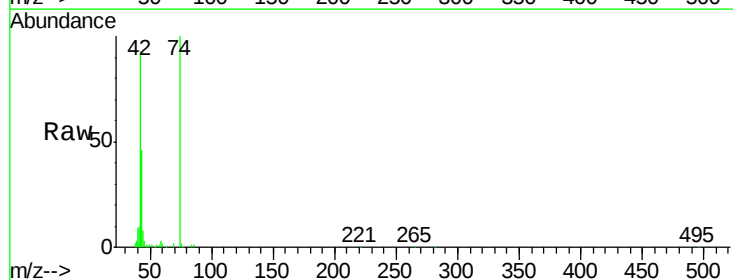
Tgt Ion: 42 Resp: 88523

Ion Ratio Lower Upper

42 100

74 108.1 74.6 111.8

44 8.1 7.4 11.0





#5

2-Fluorophenol

Concen: 164.071 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.00 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MSD

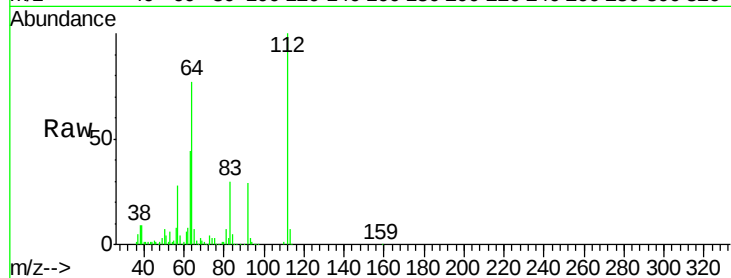
Tot Ion:112 Resp: 413526

Ion Ratio Lower Upper

112 100

64 76.9 61.4 92.0

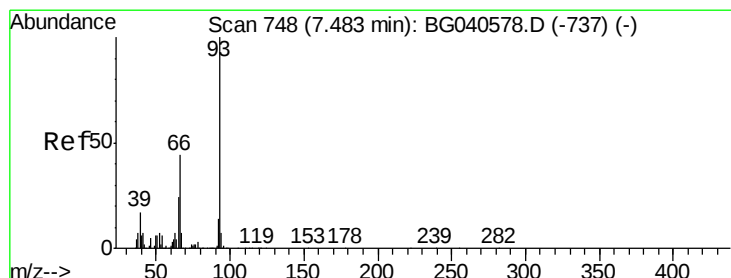
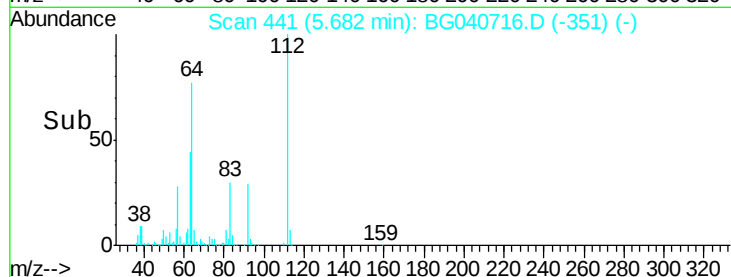
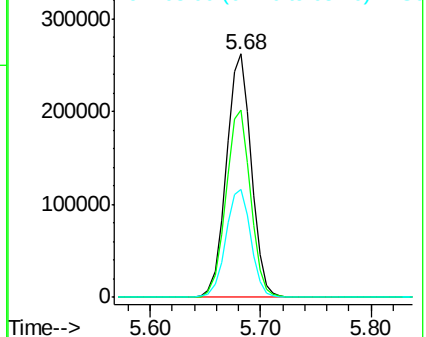
63 44.1 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 14.100 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

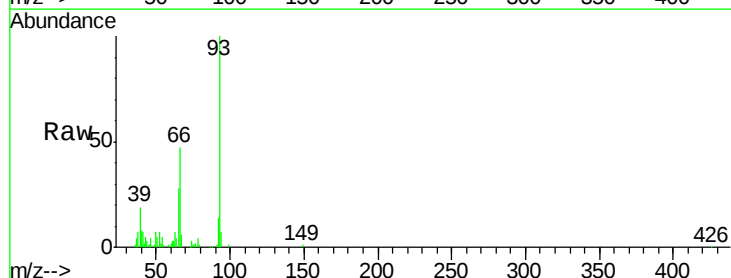
Tgt Ion: 93 Resp: 72527

Ion Ratio Lower Upper

93 100

66 46.7 35.5 53.3

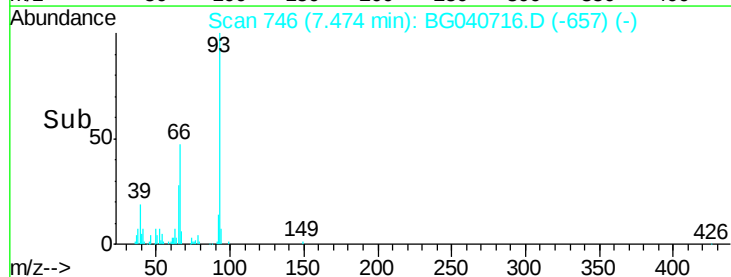
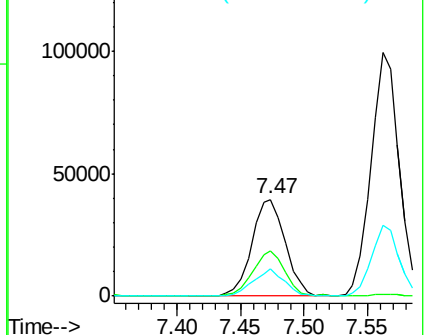
65 28.1 19.2 28.8



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: 153.379 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MSD

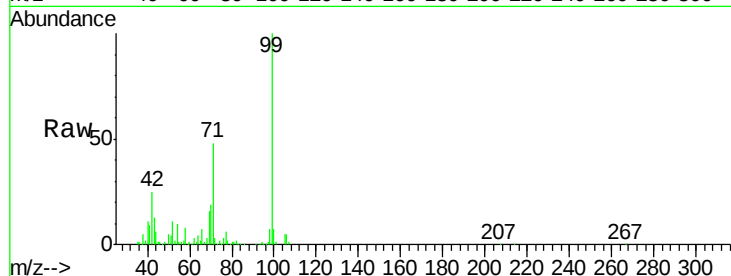
Tot Ion: 99 Resp: 595221

Ion Ratio Lower Upper

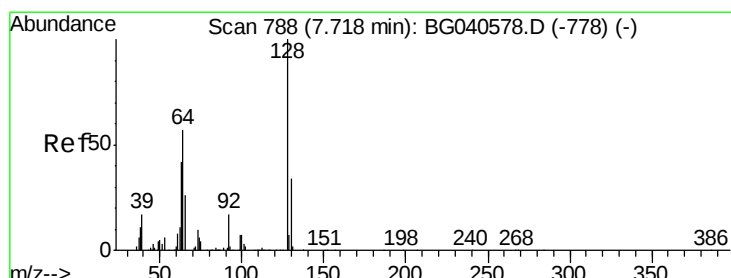
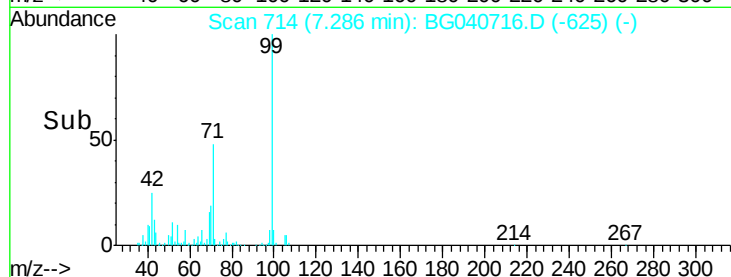
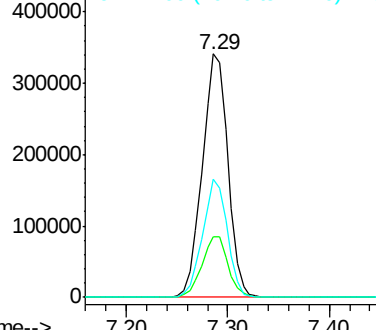
99 100

42 25.0 21.8 32.8

71 48.3 38.6 57.8



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



#8

2-Chlorophenol

Concen: 52.147 ng

RT: 7.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

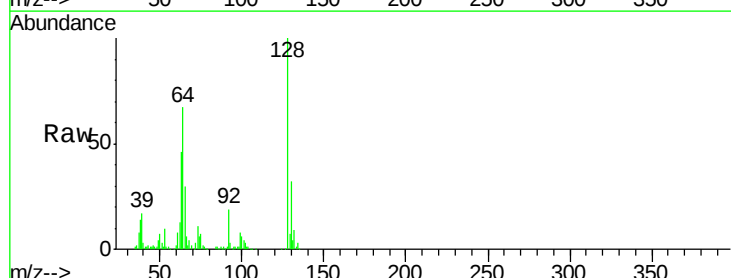
Tgt Ion: 128 Resp: 160484

Ion Ratio Lower Upper

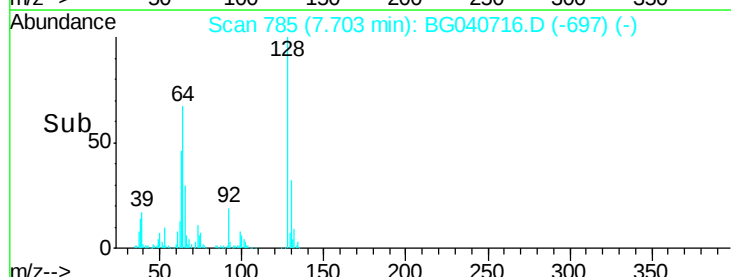
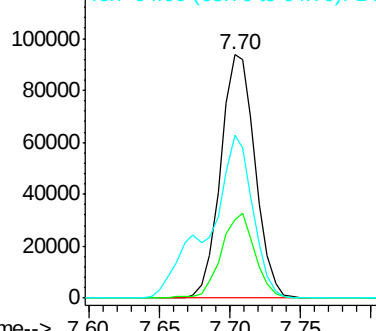
128 100

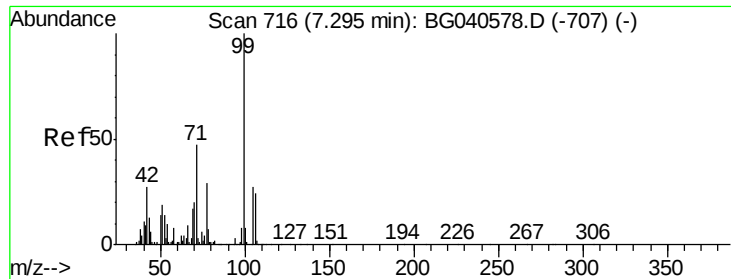
130 32.1 14.5 54.5

64 66.9 38.4 78.4



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





#9

Benzaldehyde

Concen: 12.722 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

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ClientSampleId :

TR-04-043019MSD

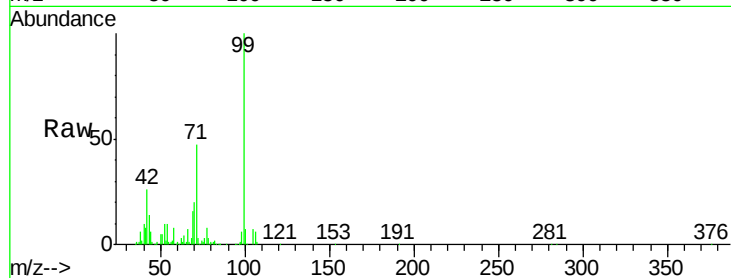
Tot Ion: 77 Resp: 39786

Ion Ratio Lower Upper

77 100

105 88.3 72.0 112.0

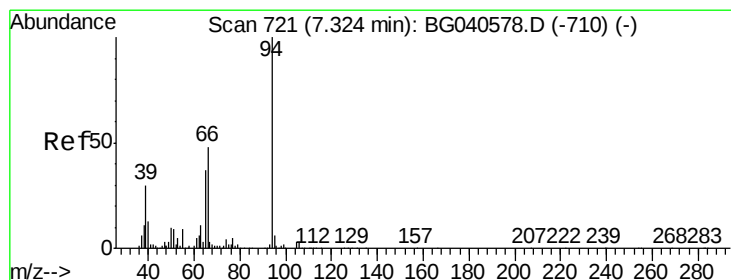
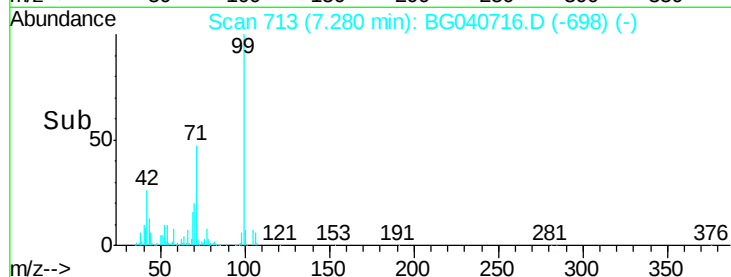
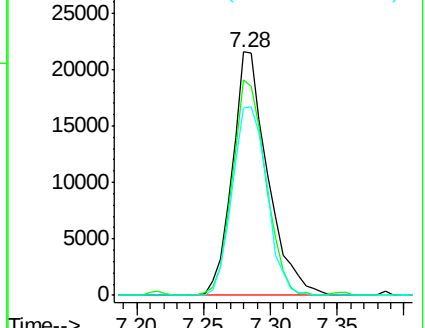
106 76.8 61.2 101.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 50.151 ng

RT: 7.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

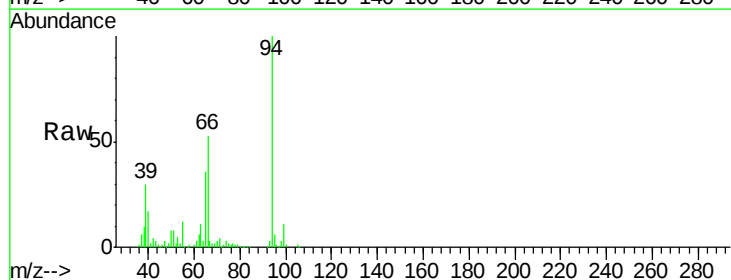
Tgt Ion: 94 Resp: 209208

Ion Ratio Lower Upper

94 100

65 36.1 17.0 57.0

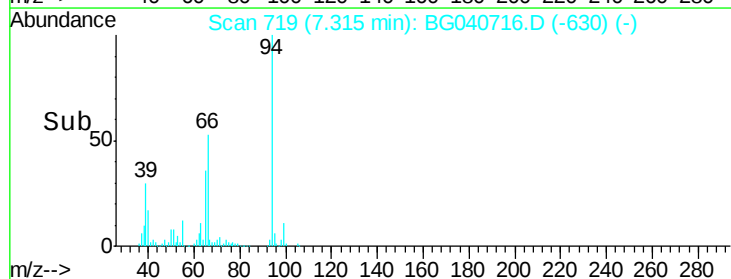
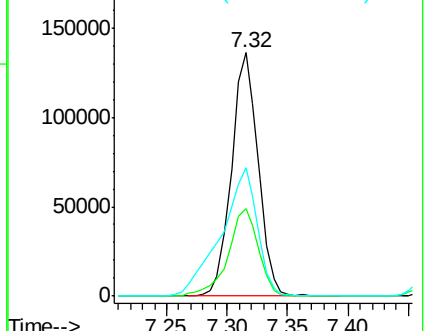
66 52.8 28.6 68.6

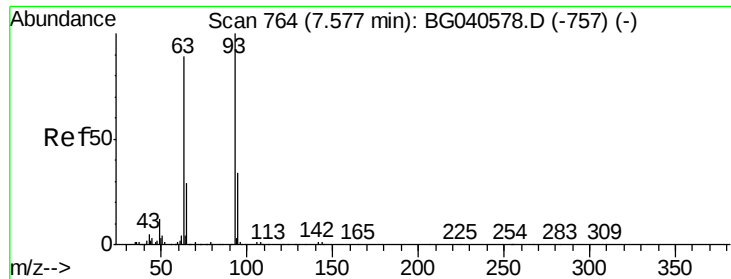


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

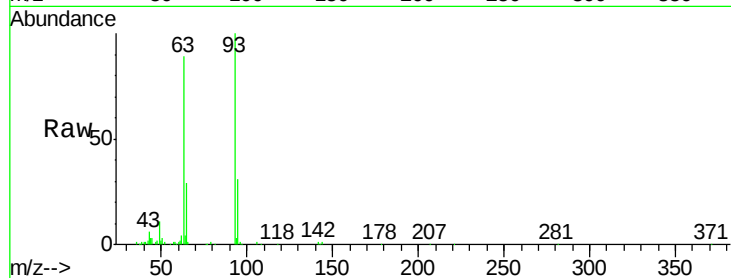




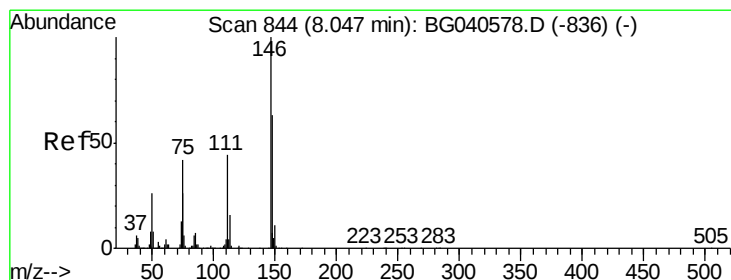
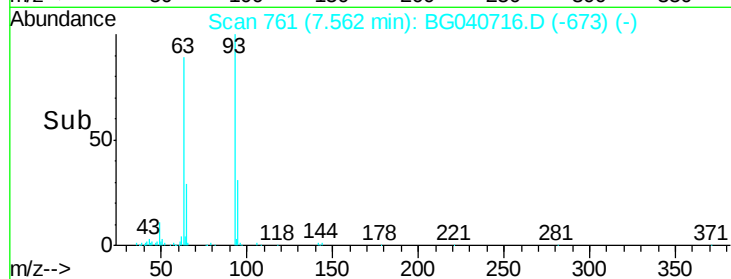
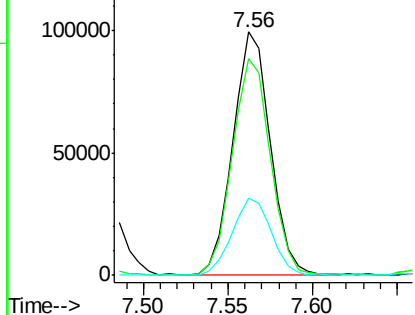
#11
bis(2-Chloroethyl)ether
Concen: 49.094 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BG040716.D
Acq: 2 May 2019 20:54

Instrument :
BNA_G
ClientSampleId :
TR-04-043019MSD

Tot Ion: 93 Resp: 153575
Ion Ratio Lower Upper
93 100
63 89.3 68.2 108.2
95 31.5 14.3 54.3

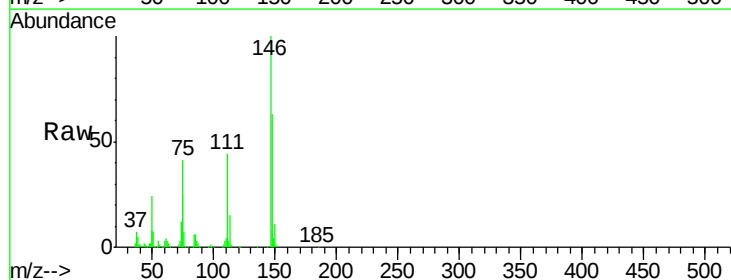


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

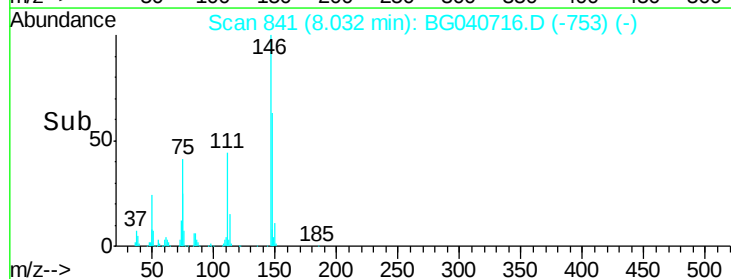
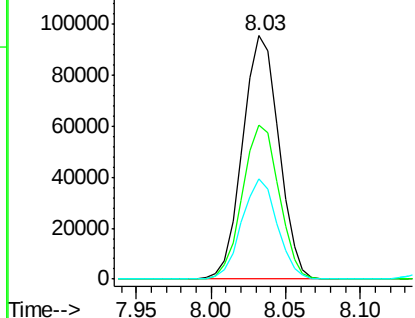


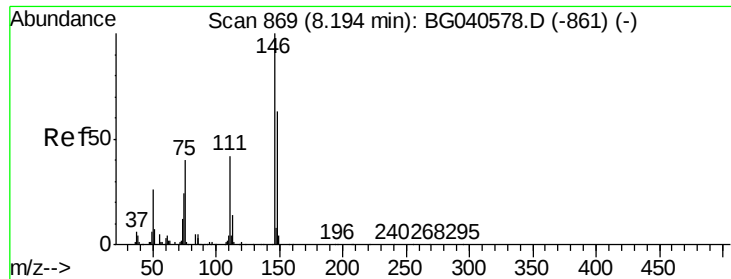
#12
1,3-Dichlorobenzene
Concen: 47.723 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BG040716.D
Acq: 2 May 2019 20:54

Tgt Ion: 146 Resp: 160304
Ion Ratio Lower Upper
146 100
148 63.4 50.7 76.1
75 41.4 33.4 50.2



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

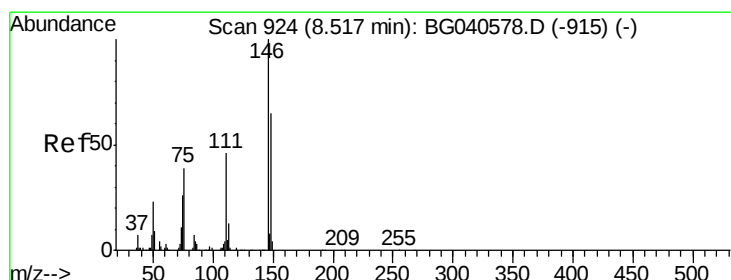
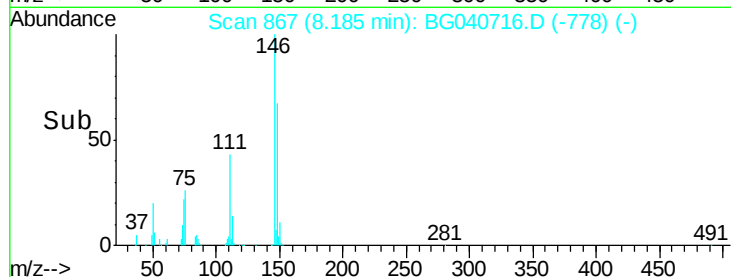
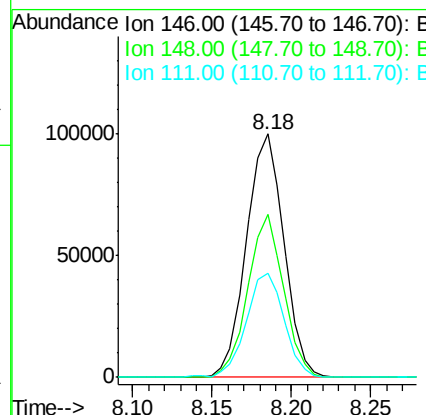
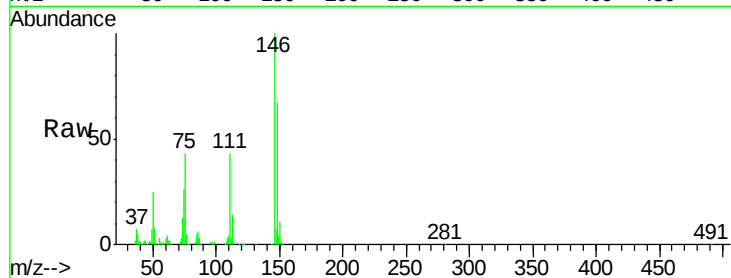




#13
 1,4-Dichlorobenzene
 Concen: 48.177 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BG040716.D
 Acq: 2 May 2019 20:54

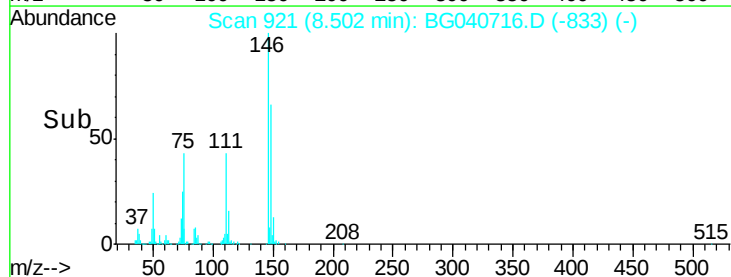
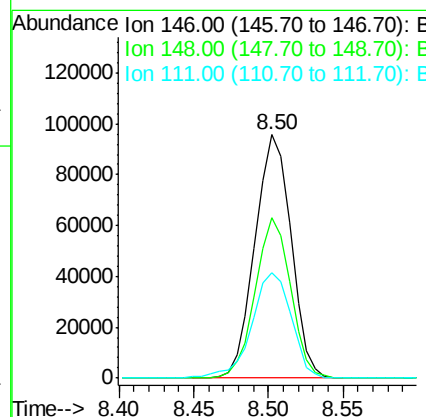
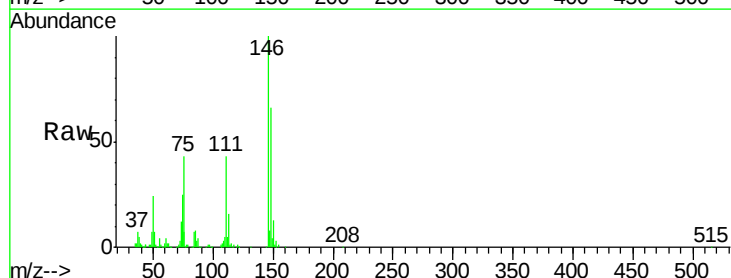
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-043019MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.7	50.6	75.8
111	42.9	34.3	51.5



#14
 1,2-Dichlorobenzene
 Concen: 48.712 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BG040716.D
 Acq: 2 May 2019 20:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.2	78.4
111	43.4	37.4	56.0





#15

Benzyl Alcohol

Concen: 50.049 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MSD

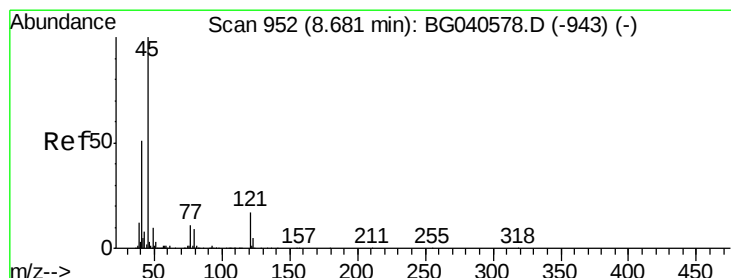
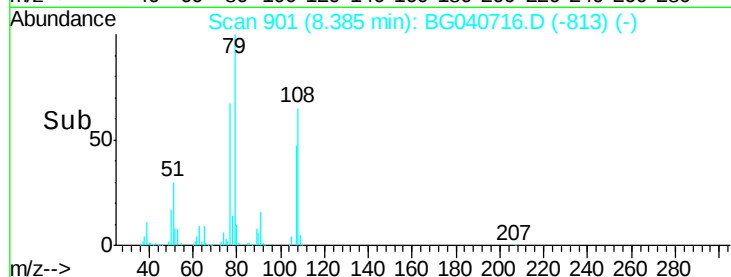
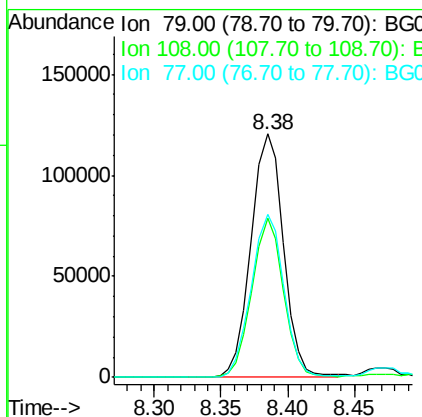
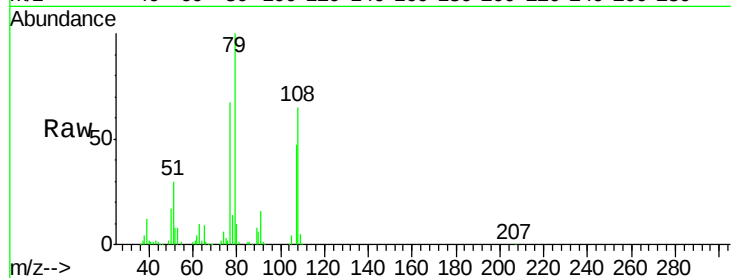
Tot Ion: 79 Resp: 202094

Ion Ratio Lower Upper

79 100

108 65.4 51.4 77.0

77 67.1 52.6 79.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.902 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

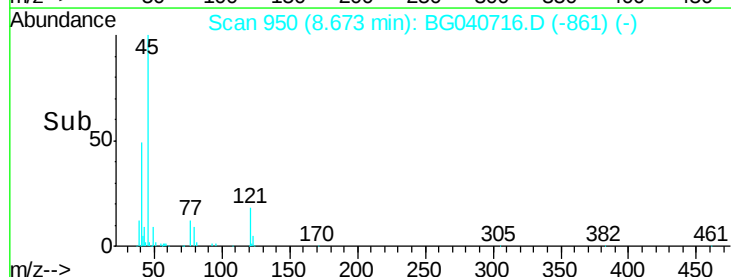
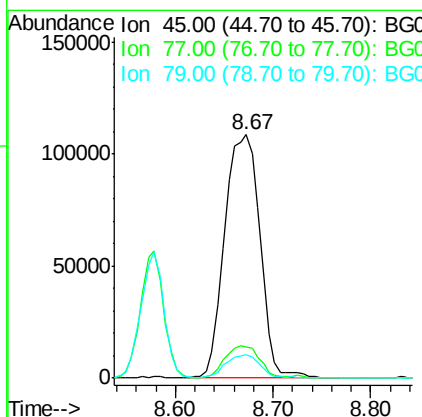
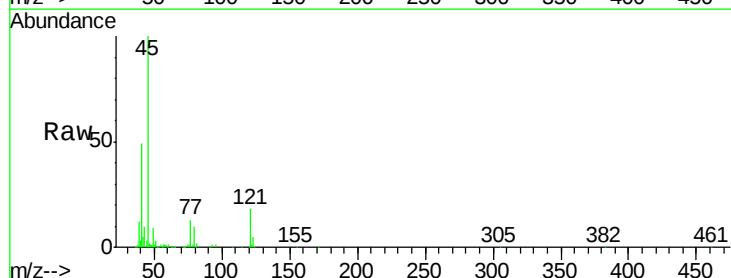
Tgt Ion: 45 Resp: 273427

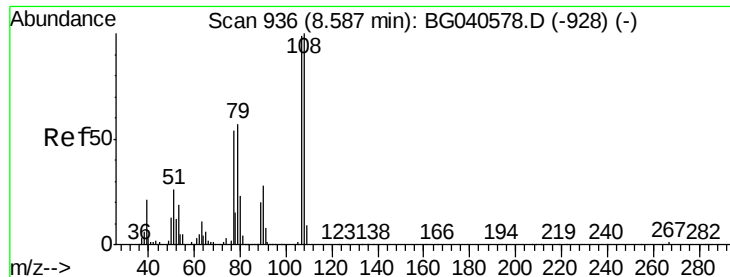
Ion Ratio Lower Upper

45 100

77 12.9 0.0 31.5

79 9.8 0.0 29.4





#17

2-Methylphenol

Concen: 53.662 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MSD

Tot Ion:107 Resp: 158421

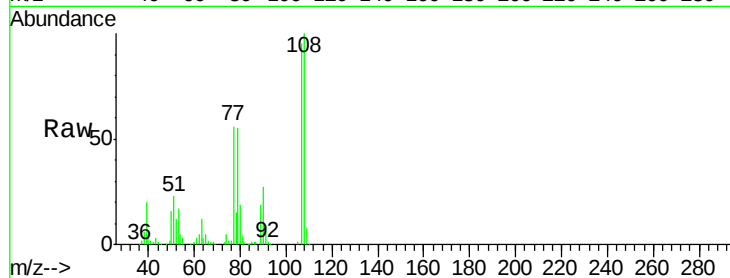
Ion Ratio Lower Upper

107 100

108 104.7 81.2 121.8

77 58.3 44.4 66.6

79 57.8 47.0 70.4

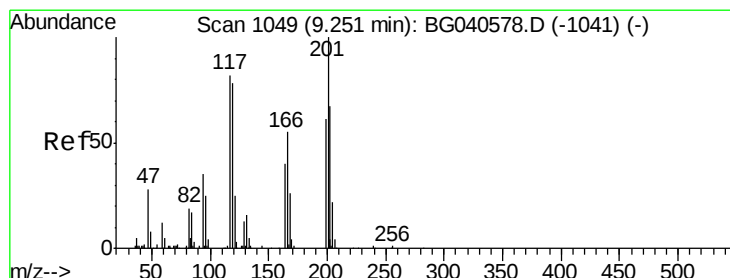
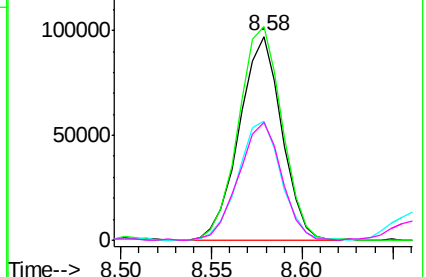
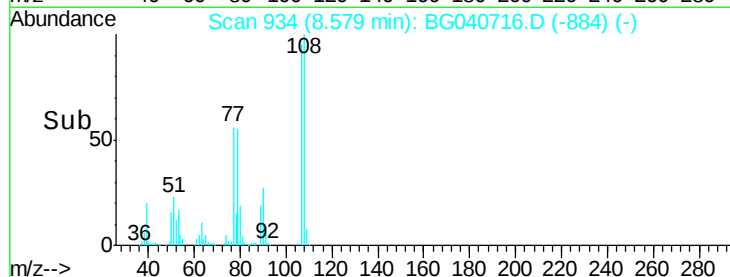


Abundance Ion 107.00 (106.70 to 107.70): E

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: 44.870 ng

RT: 9.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

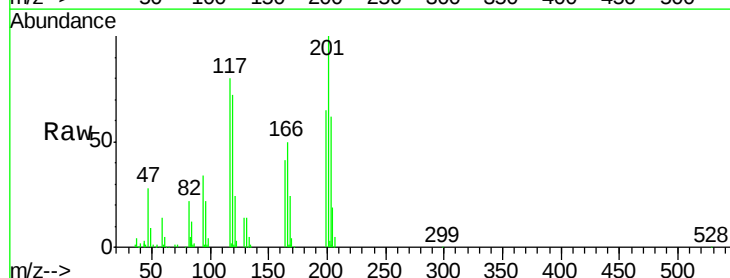
Tgt Ion:117 Resp: 62677

Ion Ratio Lower Upper

117 100

119 89.9 76.6 114.8

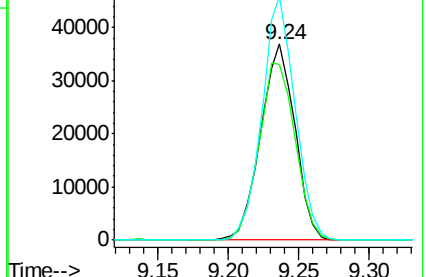
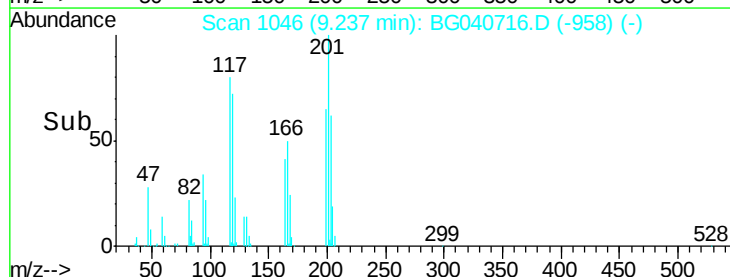
201 124.4 101.0 151.6

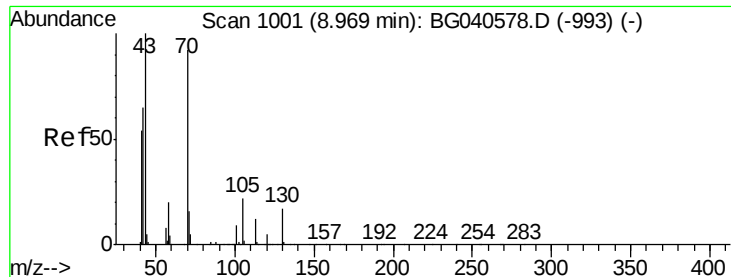


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

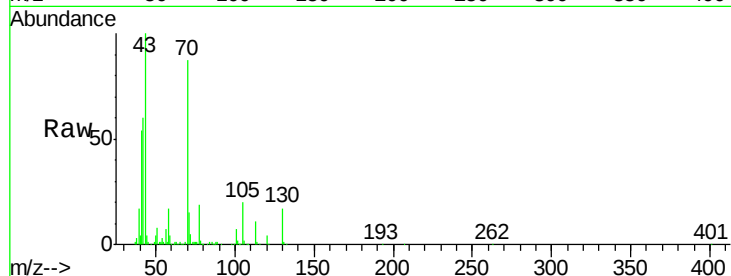




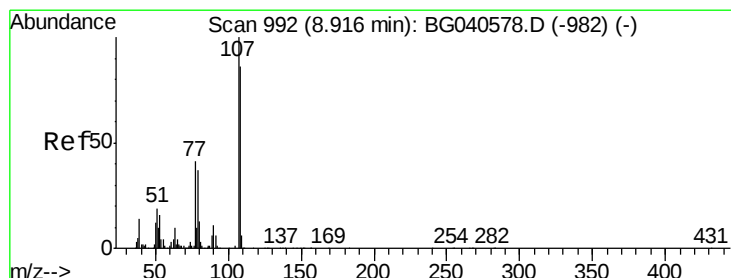
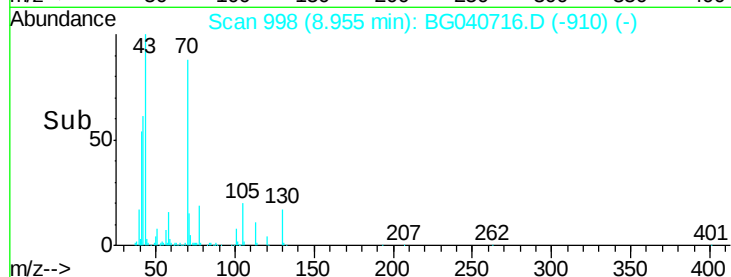
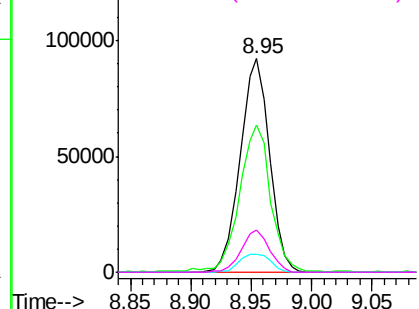
#19
n-Nitroso-di-n-propylamine
Concen: 44.795 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG040716.D
Acq: 2 May 2019 20:54

Instrument :
BNA_G
ClientSampleId :
TR-04-043019MSD

Tot Ion:	70	Resp:	156484
Ion	Ratio	Lower	Upper
70	100		
42	68.7	57.1	85.7
101	8.5	7.8	11.8
130	19.6	14.6	21.8

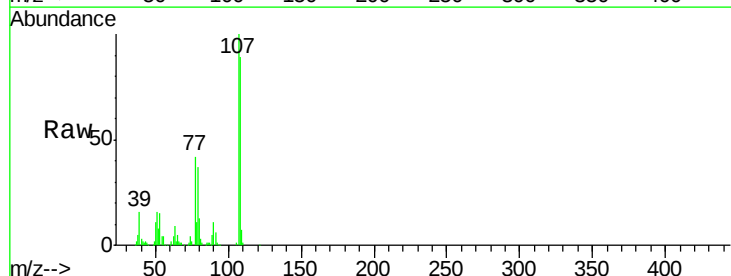


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

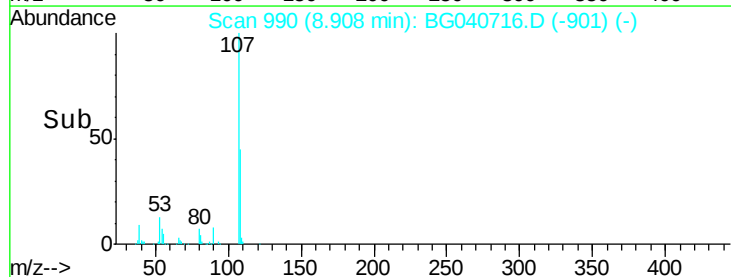
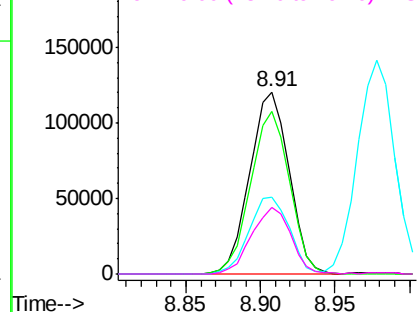


#20
3+4-Methylphenols
Concen: 53.177 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BG040716.D
Acq: 2 May 2019 20:54

Tgt Ion:	107	Resp:	218694
Ion	Ratio	Lower	Upper
107	100		
108	89.2	66.1	106.1
77	42.3	21.6	61.6
79	36.6	17.4	57.4



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: 10.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MSD

Tot Ion:136 Resp: 180500

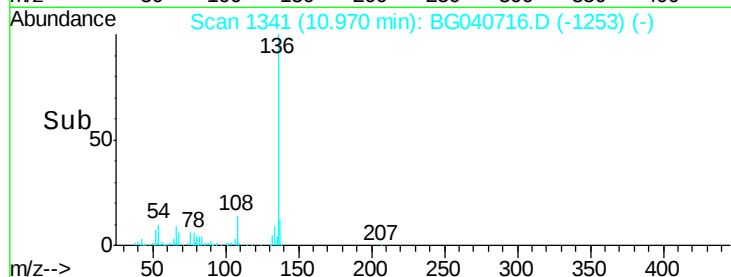
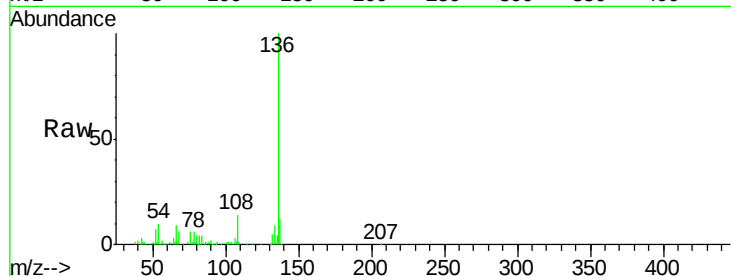
Ion Ratio Lower Upper

136 100

137 11.8 9.7 14.5

54 9.7 8.6 12.8

68 5.7 4.8 7.2

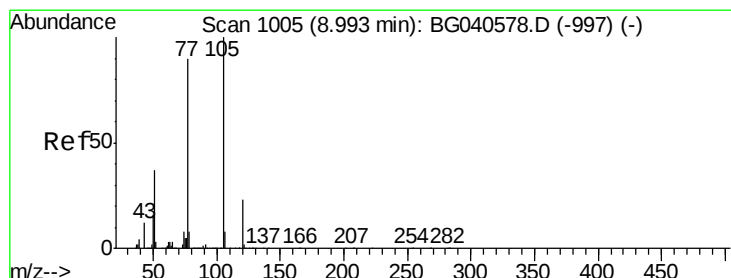
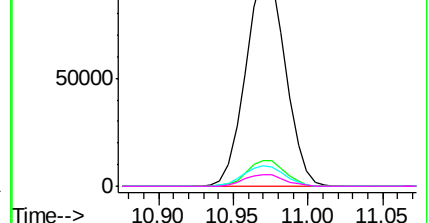


Abundance Ion 136.00 (135.70 to 136.70): E

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: 55.797 ng

RT: 8.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

Tgt Ion:105 Resp: 280057

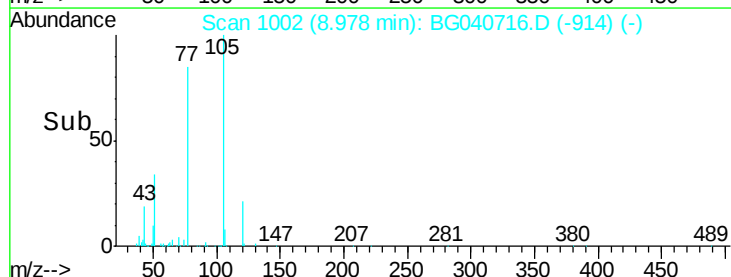
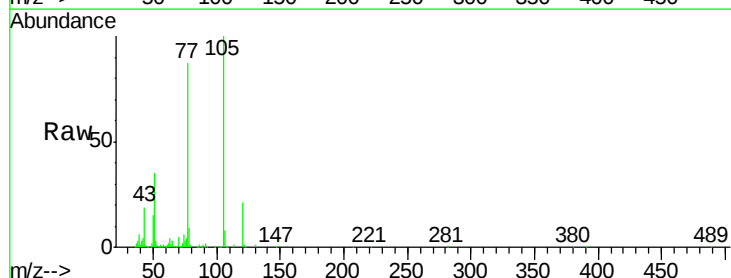
Ion Ratio Lower Upper

105 100

71 0.4 1.8 2.8#

51 34.8 29.8 44.8

120 20.8 18.4 27.6

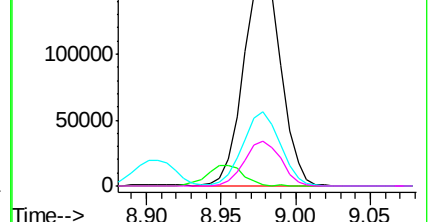


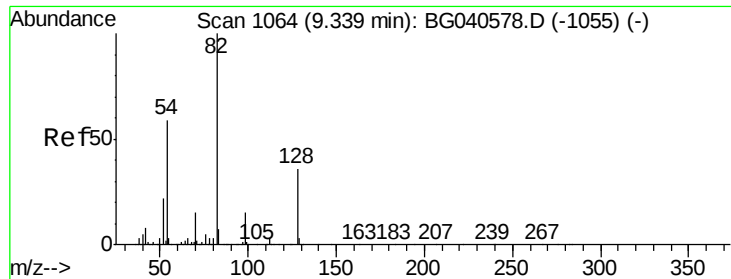
Abundance Ion 105.00 (104.70 to 105.70): E

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

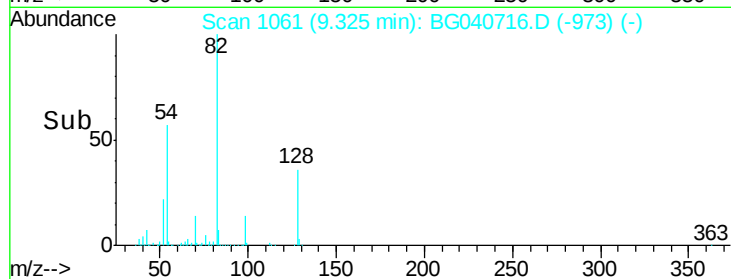
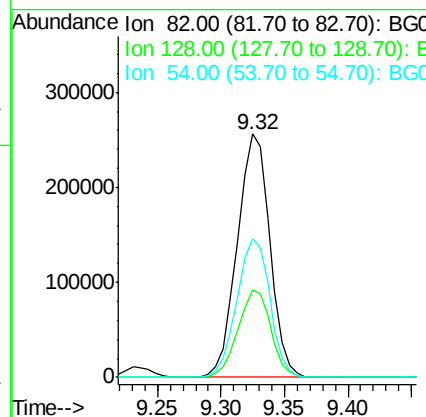
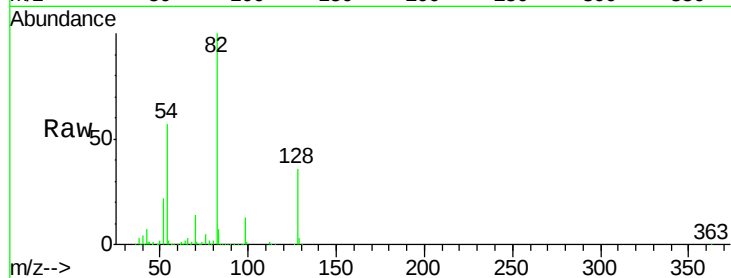




#23
 Nitrobenzene-d5
 Concen: 116.454 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BG040716.D
 Acq: 2 May 2019 20:54

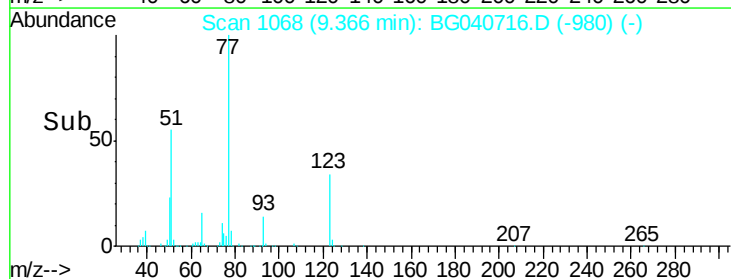
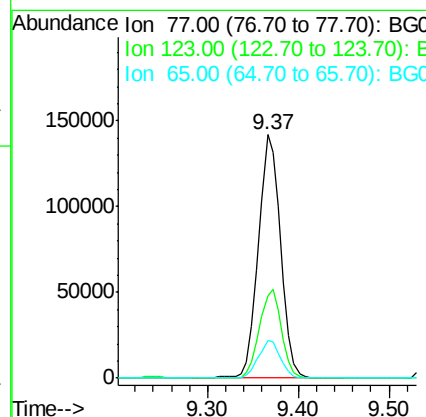
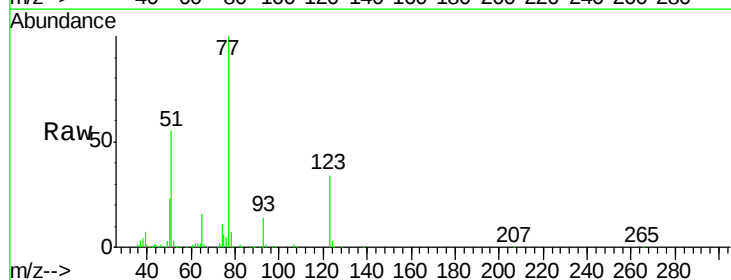
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-043019MSD

Tot Ion	82	Resp	454916
Ion Ratio	Lower	Upper	
82	100		
128	35.8	28.9	43.3
54	57.1	47.2	70.8



#24
 Nitrobenzene
 Concen: 57.456 ng
 RT: 9.37 min Scan# 1068
 Delta R.T. -0.01 min
 Lab File: BG040716.D
 Acq: 2 May 2019 20:54

Tgt Ion	77	Resp	239472
Ion Ratio	Lower	Upper	
77	100		
123	33.7	27.8	41.6
65	15.6	12.4	18.6





#25

Isophorone

Concen: 51.571 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MSD

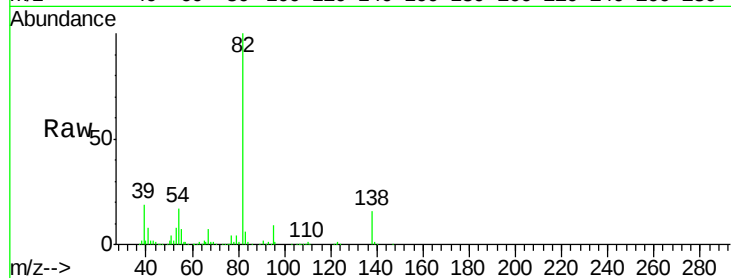
Tot Ion: 82 Resp: 448748

Ion Ratio Lower Upper

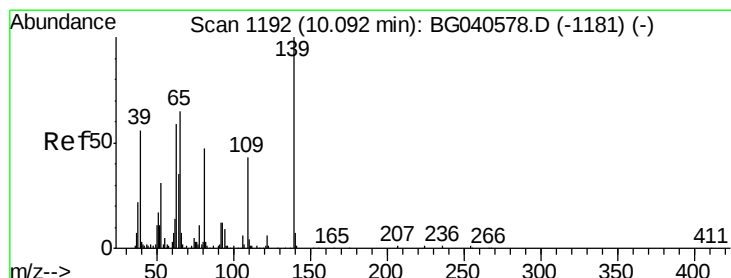
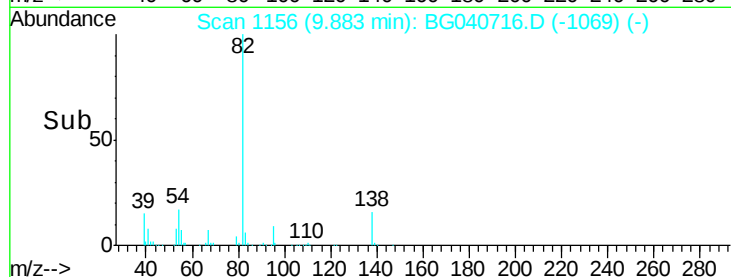
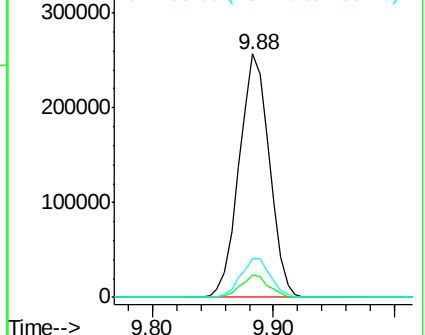
82 100

95 9.0 6.9 10.3

138 15.7 12.3 18.5



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: 62.918 ng

RT: 10.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

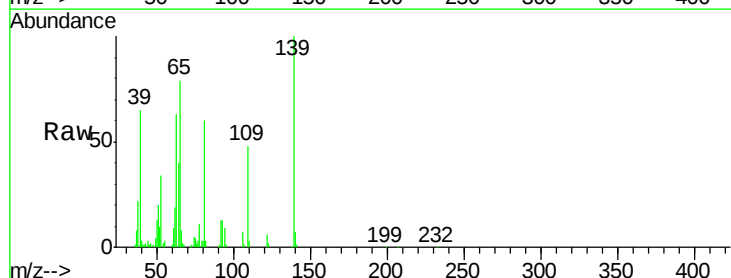
Tgt Ion: 139 Resp: 94001

Ion Ratio Lower Upper

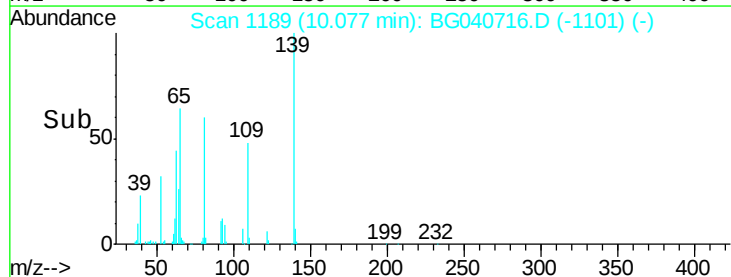
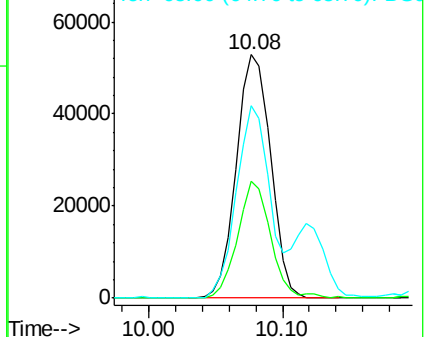
139 100

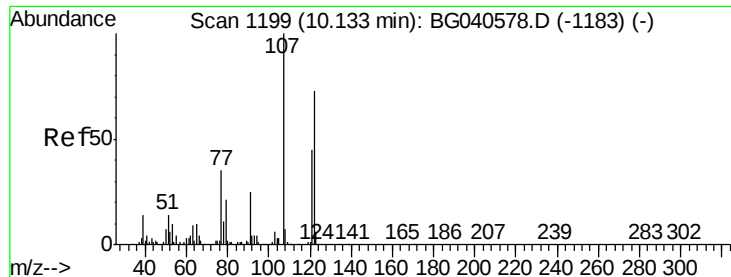
109 48.1 35.6 53.4

65 79.2 52.3 78.5#



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

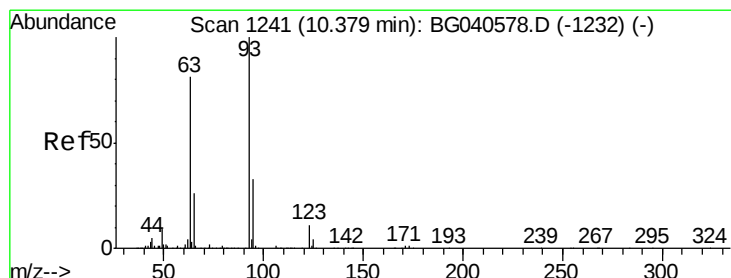
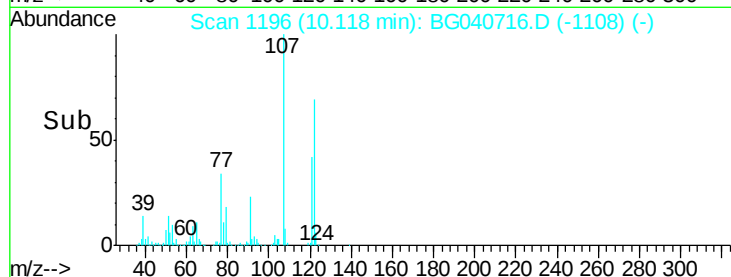
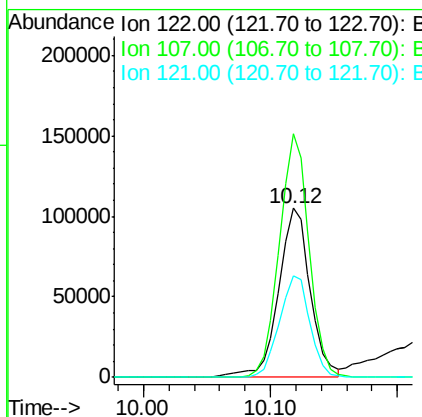
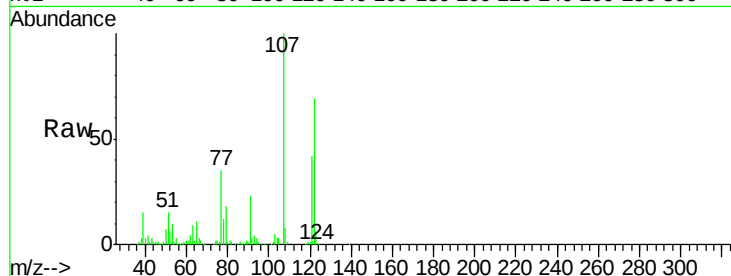




#27
 2,4-Dimethylphenol
 Concen: 65.264 ng
 RT: 10.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BG040716.D
 Acq: 2 May 2019 20:54

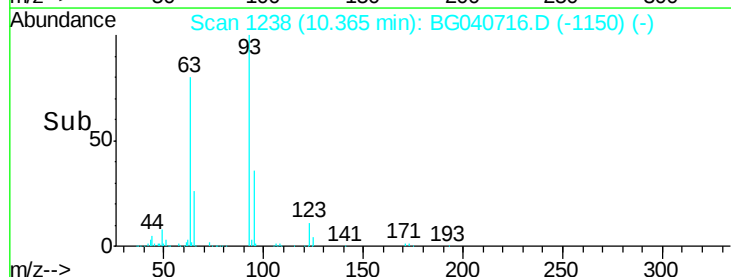
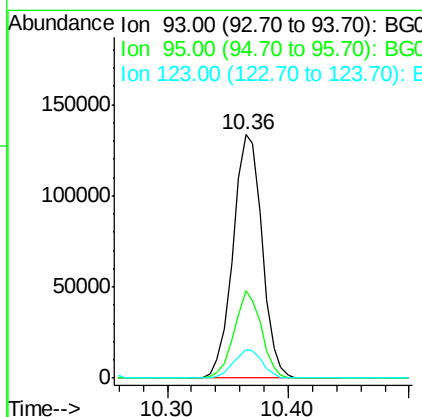
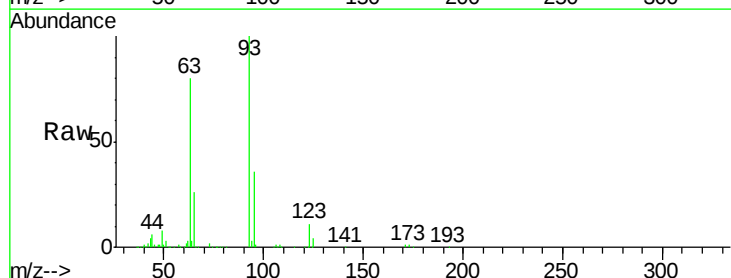
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-043019MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	144.1	110.1	165.1
121	59.9	49.4	74.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.210 ng
 RT: 10.36 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BG040716.D
 Acq: 2 May 2019 20:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.7	26.6	40.0
123	11.5	9.0	13.4

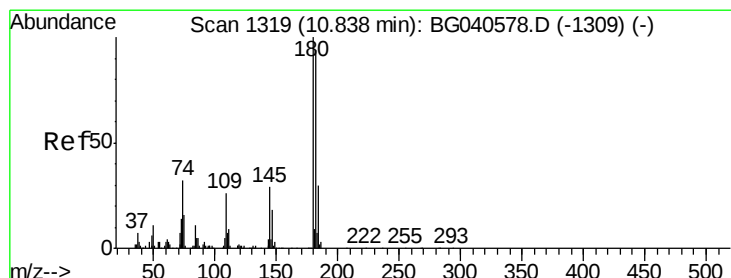
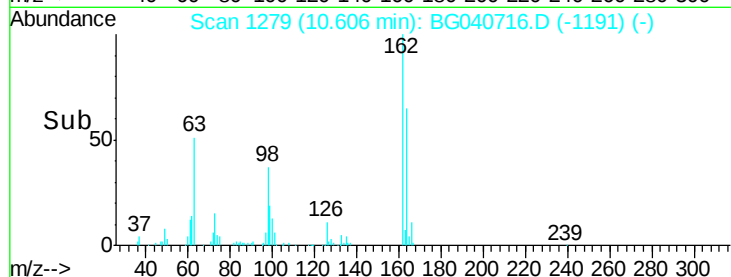
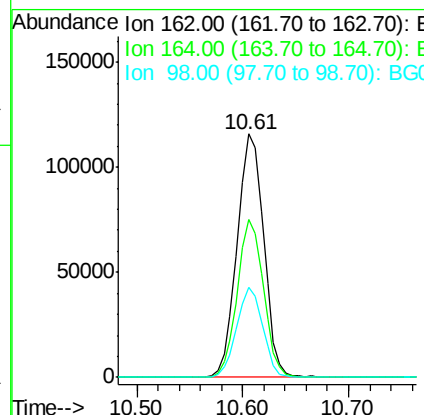
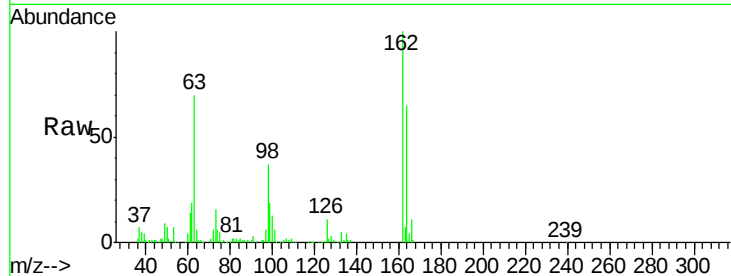




#29
2,4-Dichlorophenol
Concen: 63.256 ng
RT: 10.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BG040716.D
Acq: 2 May 2019 20:54

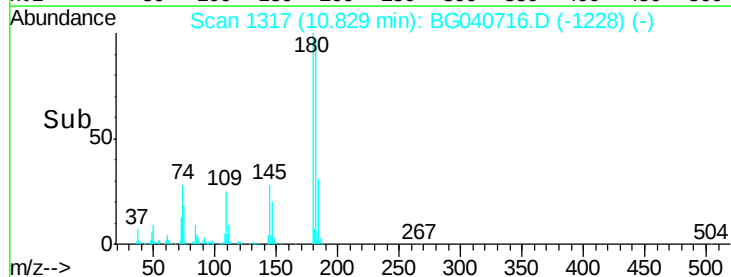
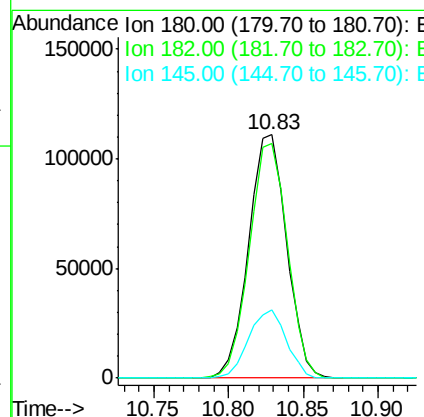
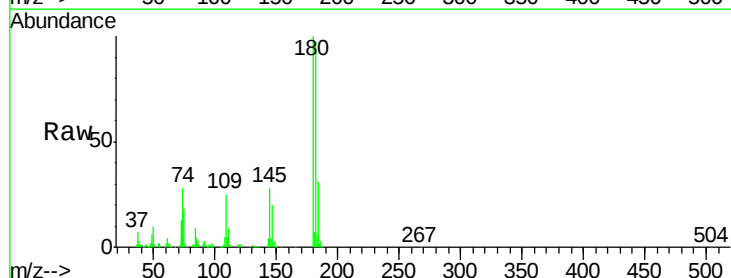
Instrument :
BNA_G
ClientSampleId :
TR-04-043019MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	38.9	78.9
98	36.8	16.8	56.8



#30
1,2,4-Trichlorobenzene
Concen: 55.328 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG040716.D
Acq: 2 May 2019 20:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	75.2	112.8
145	28.2	23.6	35.4

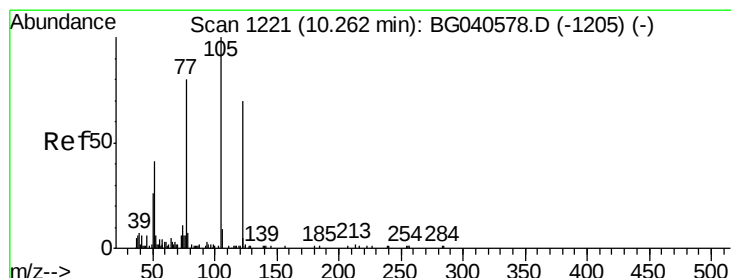
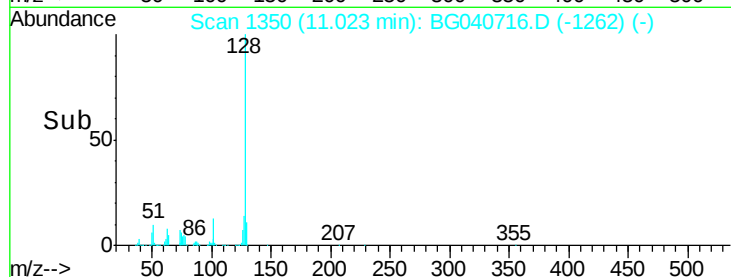
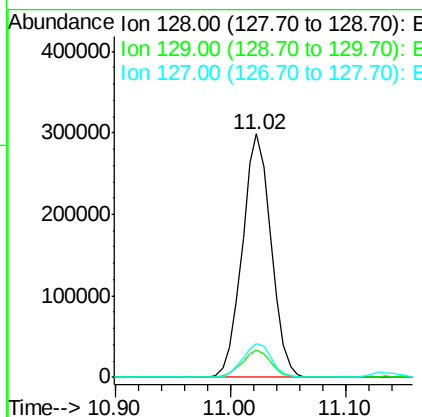
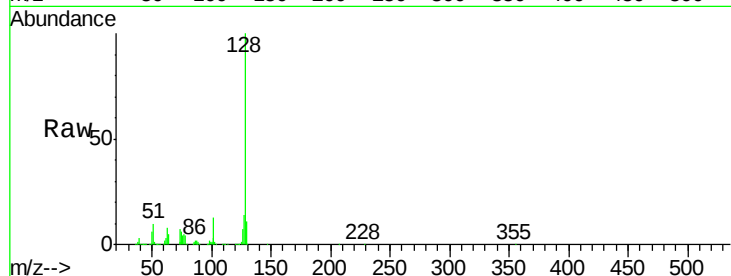




#31
Naphthalene
Concen: 53.676 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BG040716.D
Acq: 2 May 2019 20:54

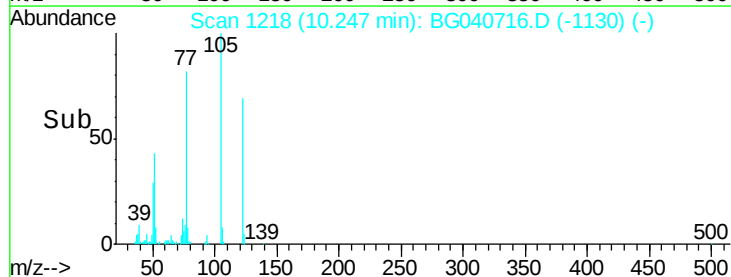
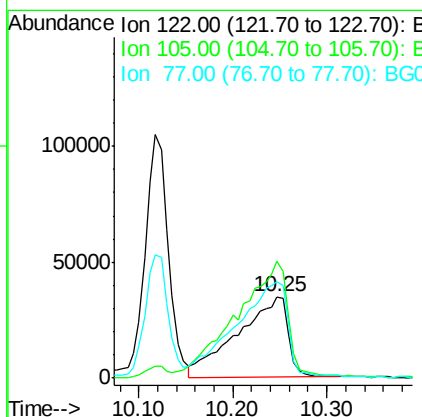
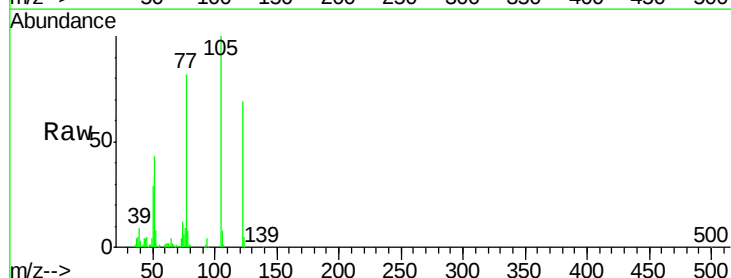
Instrument :
BNA_G
ClientSampleId :
TR-04-043019MSD

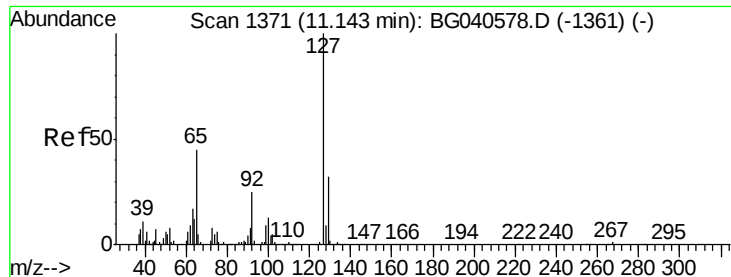
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.6	11.3	16.9



#32
Benzoic acid
Concen: 67.162 ng
RT: 10.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BG040716.D
Acq: 2 May 2019 20:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	144.1	110.9	150.9
77	117.6	87.6	127.6

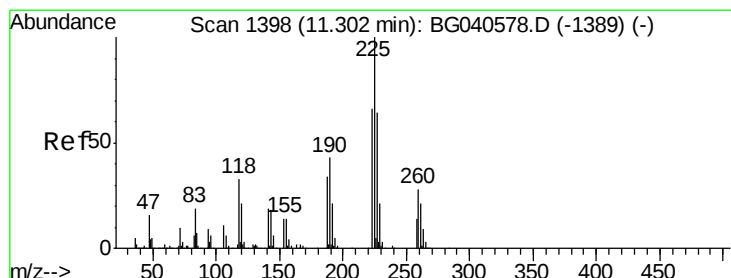
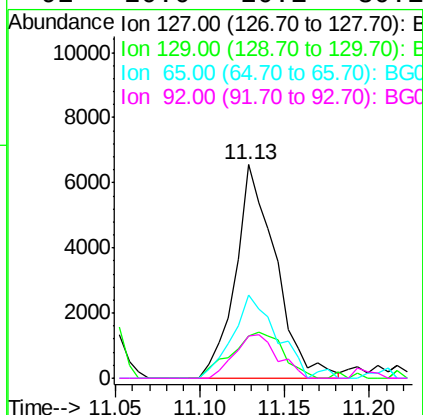
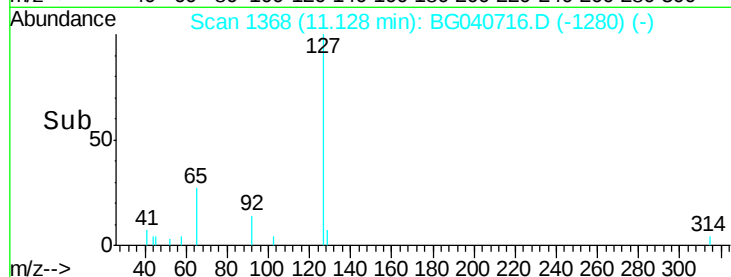
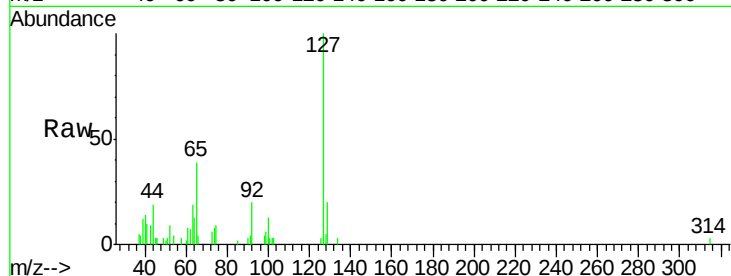




#33
4-Chloroaniline
Concen: 2.561 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BG040716.D
Acq: 2 May 2019 20:54

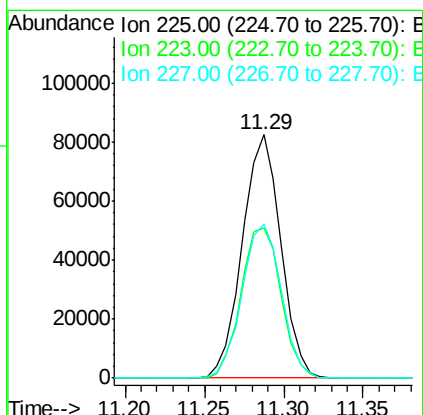
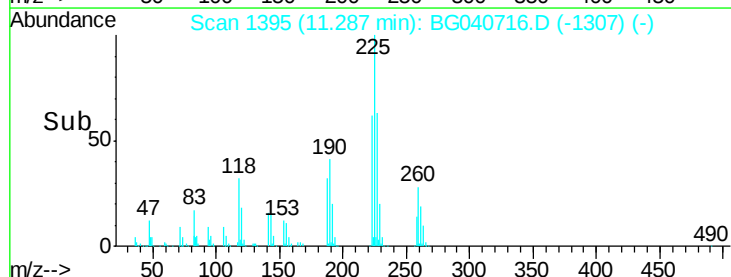
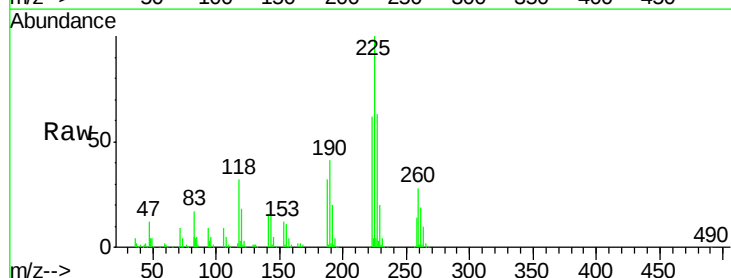
Instrument :
BNA_G
ClientSampleId :
TR-04-043019MSD

Tot Ion:127 Resp: 10888
Ion Ratio Lower Upper
127 100
129 19.6 25.7 38.5#
65 39.1 36.1 54.1
92 20.0 20.1 30.1#



#34
Hexachlorobutadiene
Concen: 53.295 ng
RT: 11.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BG040716.D
Acq: 2 May 2019 20:54

Tgt Ion:225 Resp: 139051
Ion Ratio Lower Upper
225 100
223 59.3 50.4 75.6
227 60.5 51.0 76.6





#35

Caprolactam

Concen: 33.069 ng

RT: 11.91 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MSD

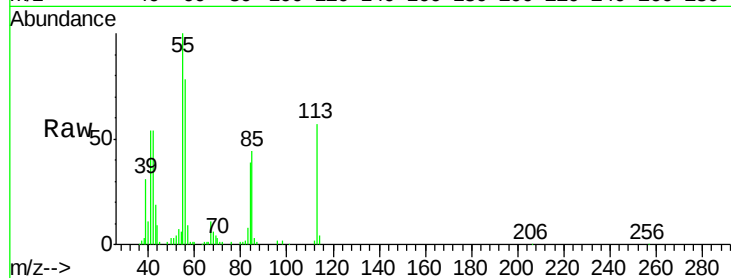
Tot Ion:113 Resp: 41607

Ion Ratio Lower Upper

113 100

55 174.8 198.6 238.6#

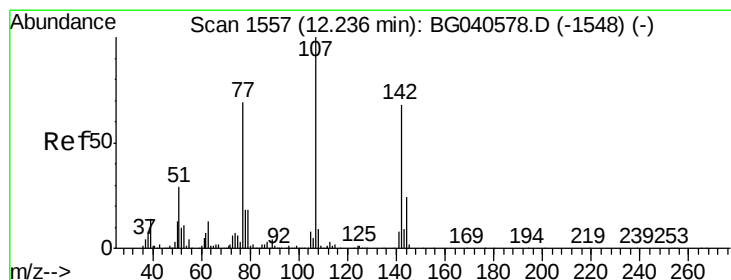
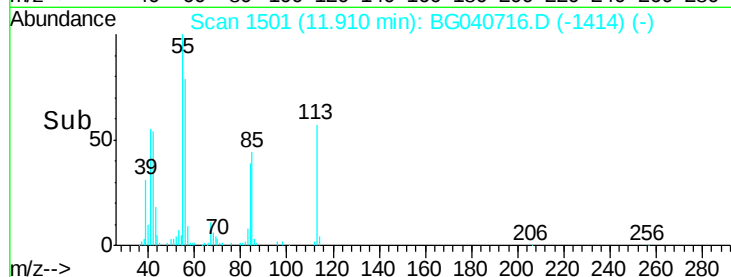
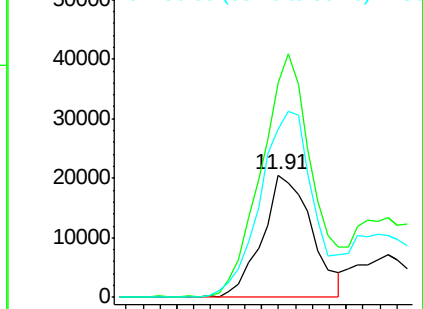
56 137.1 148.4 188.4#



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: 64.450 ng

RT: 12.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

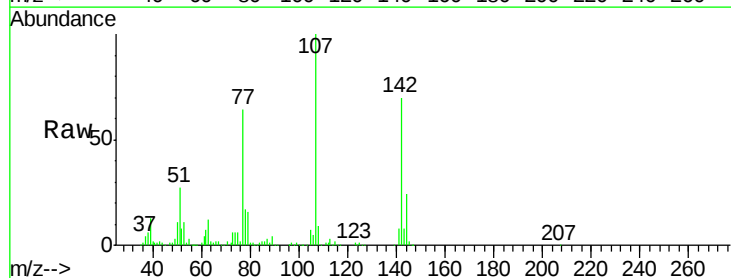
Tgt Ion:107 Resp: 259106

Ion Ratio Lower Upper

107 100

144 23.8 19.3 28.9

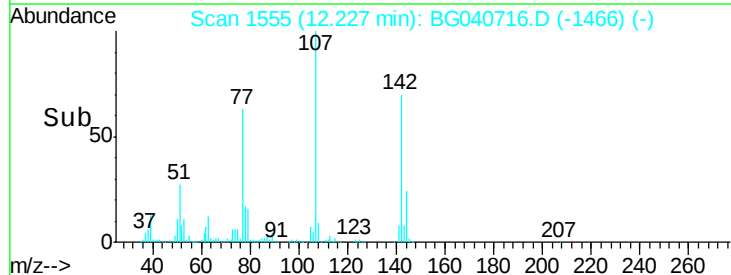
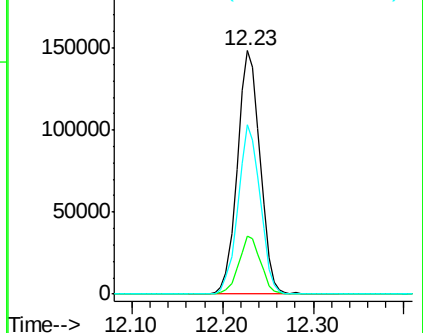
142 69.7 54.6 81.8



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

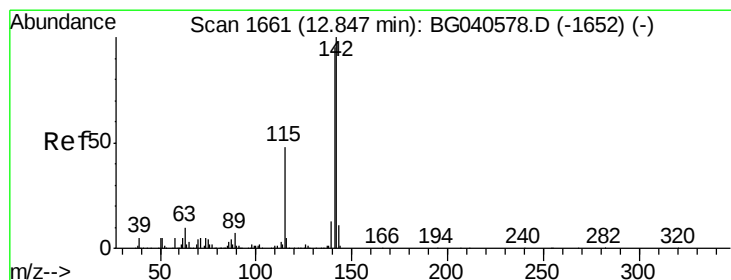
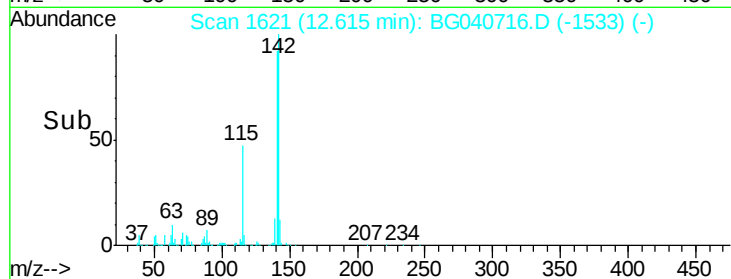
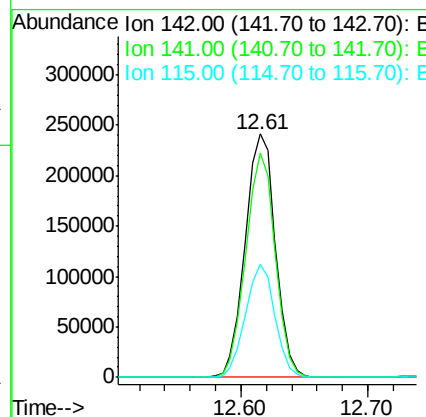
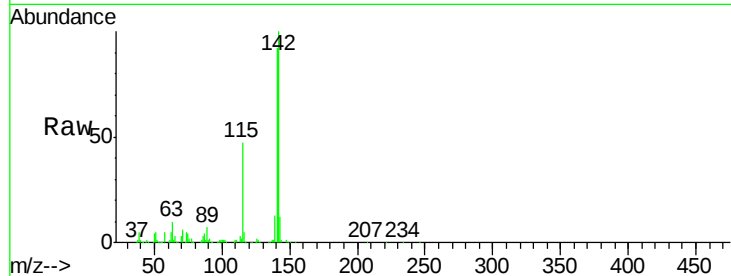




#37
2-Methylnaphthalene
Concen: 55.633 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BG040716.D
Acq: 2 May 2019 20:54

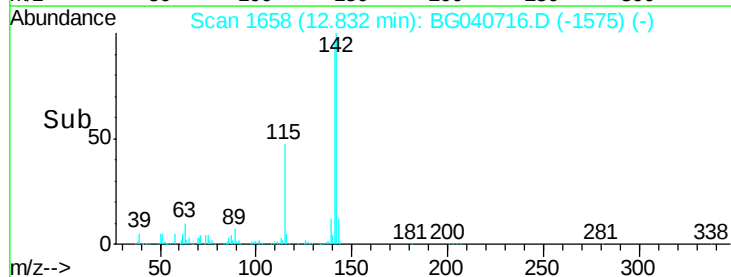
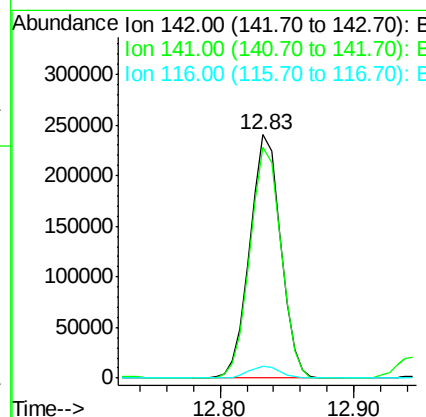
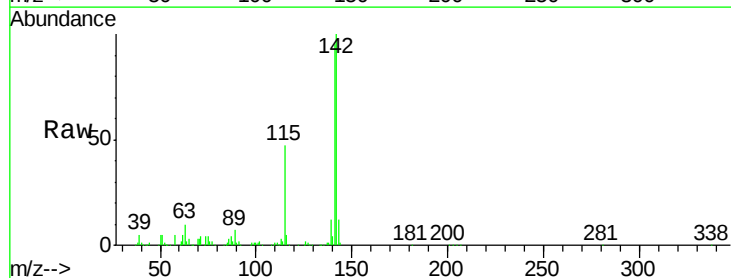
Instrument :
BNA_G
ClientSampleId :
TR-04-043019MSD

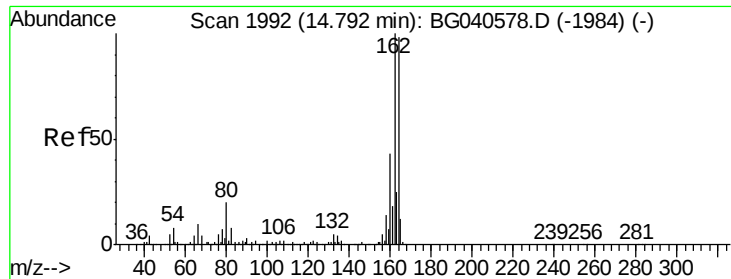
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.4	110.2
115	46.7	36.2	54.4



#38
1-Methylnaphthalene
Concen: 54.683 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG040716.D
Acq: 2 May 2019 20:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	75.9	113.9
116	4.9	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MSD

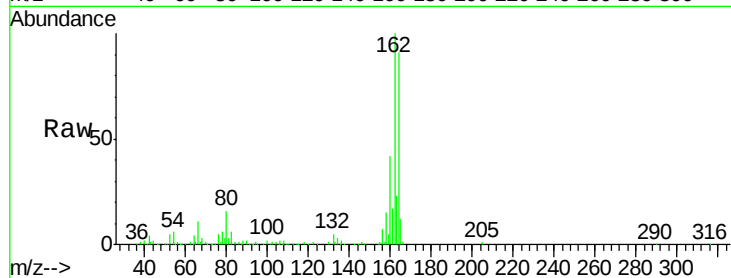
Tot Ion:164 Resp: 142018

Ion Ratio Lower Upper

164 100

162 109.3 81.9 122.9

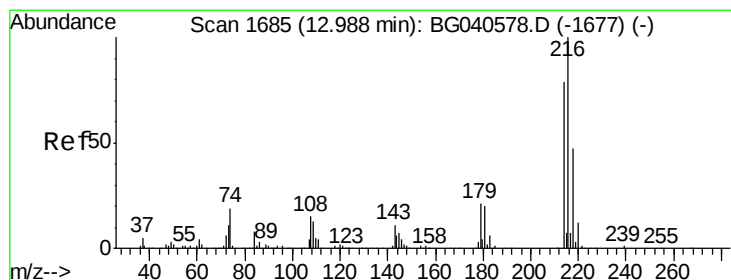
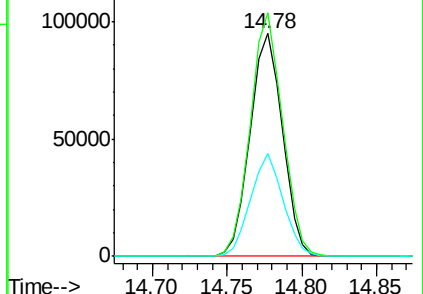
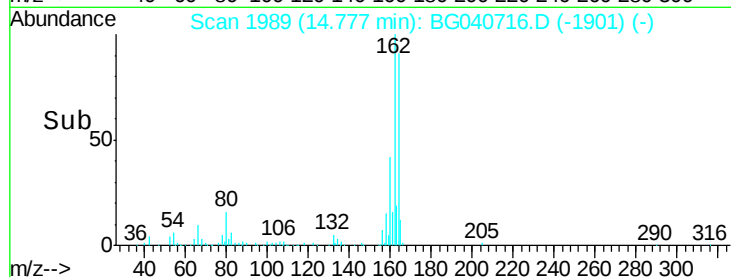
160 46.2 35.4 53.2



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: 51.444 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

Tgt Ion:216 Resp: 272168

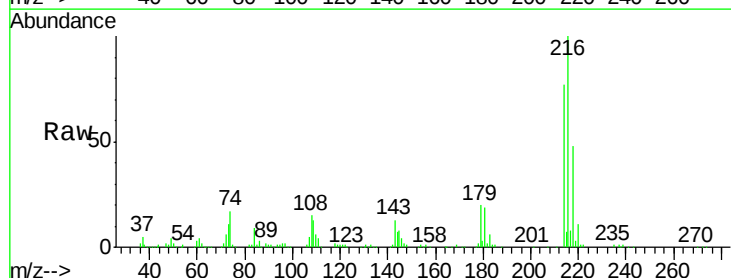
Ion Ratio Lower Upper

216 100

214 78.0 63.7 95.5

179 20.0 16.6 24.8

108 18.4 14.7 22.1

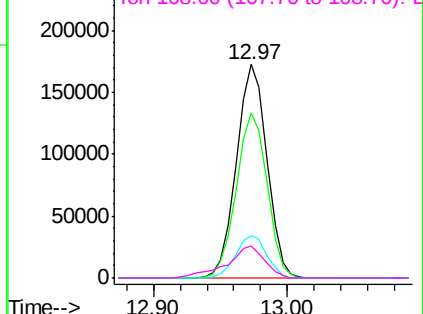
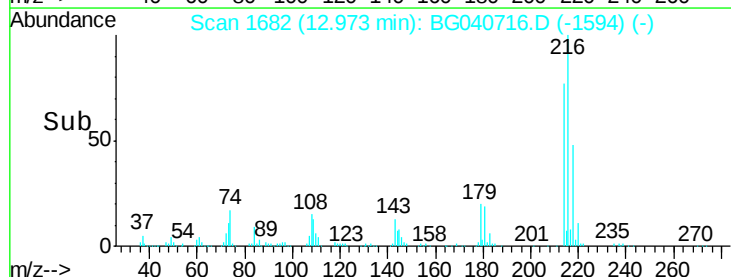


Abundance Ion 216.00 (215.70 to 216.70): E

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

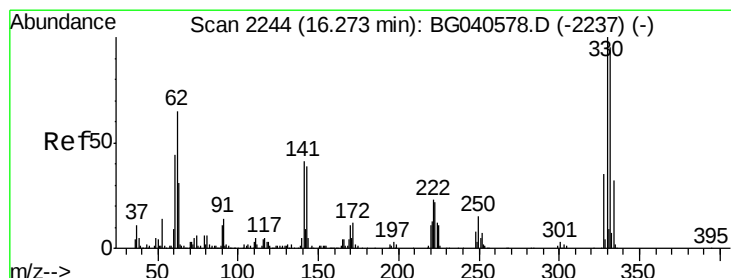
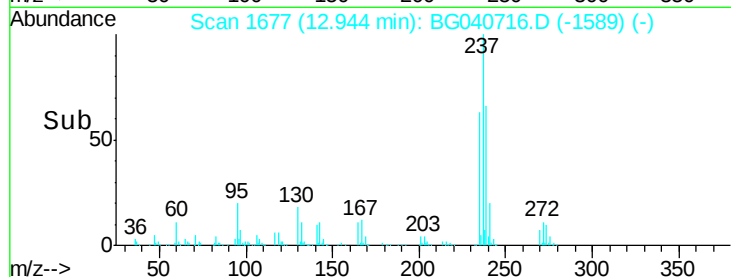
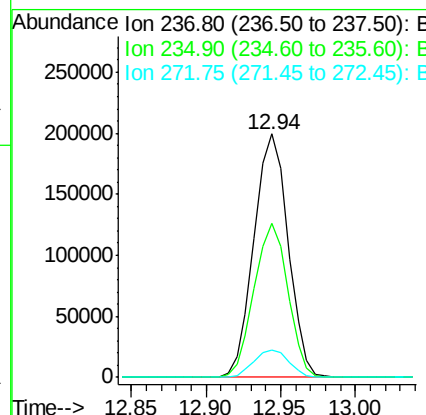
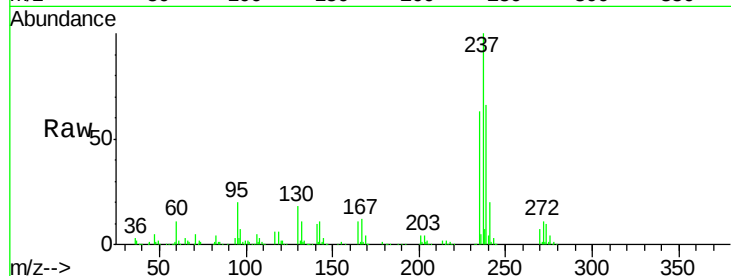




#41
Hexachlorocyclopentadiene
Concen: 100.909 ng
RT: 12.94 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BG040716.D
Acq: 2 May 2019 20:54

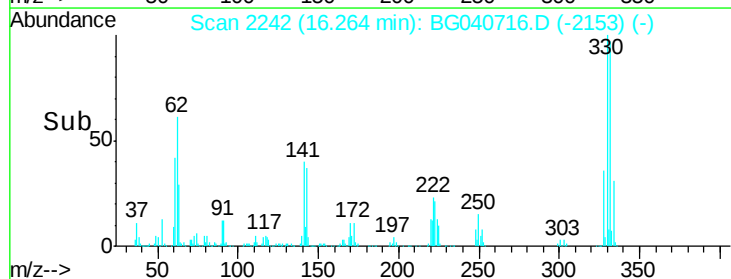
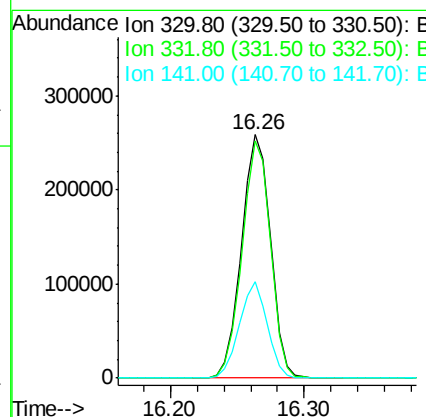
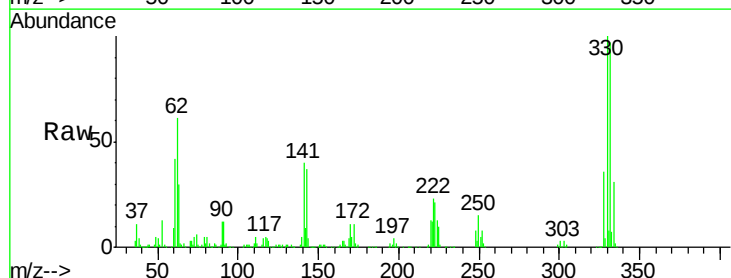
Instrument :
BNA_G
ClientSampleId :
TR-04-043019MSD

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.4	42.5	82.5
272	11.1	0.0	31.6



#42
2,4,6-Tribromophenol
Concen: 198.729 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BG040716.D
Acq: 2 May 2019 20:54

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.9	113.9
141	38.2	32.4	48.6

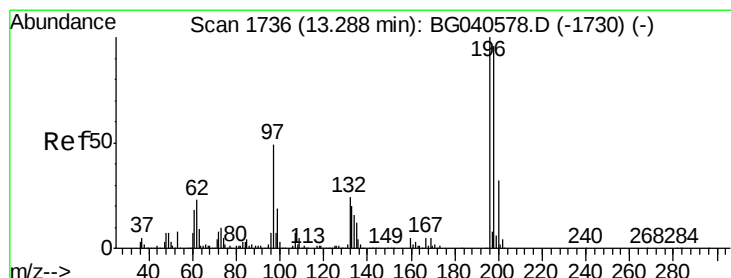
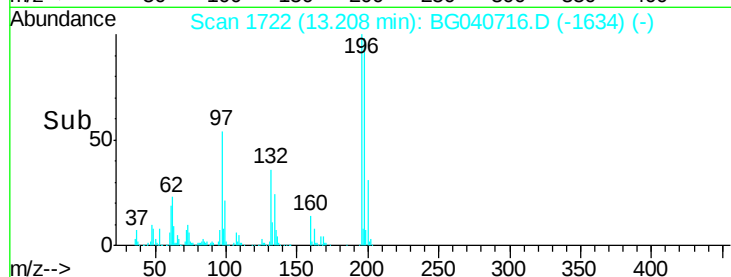
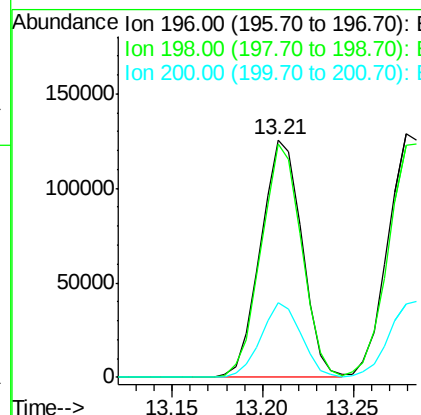
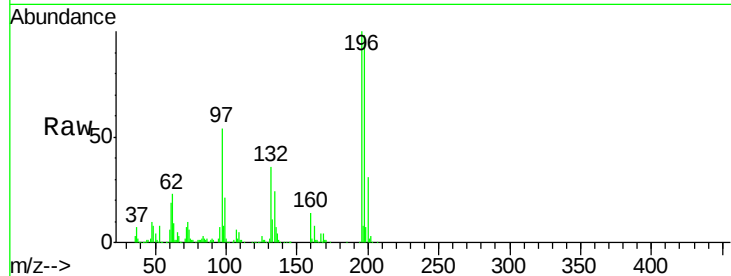




#43
 2,4,6-Trichlorophenol
 Concen: 62.205 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG040716.D
 Acq: 2 May 2019 20:54

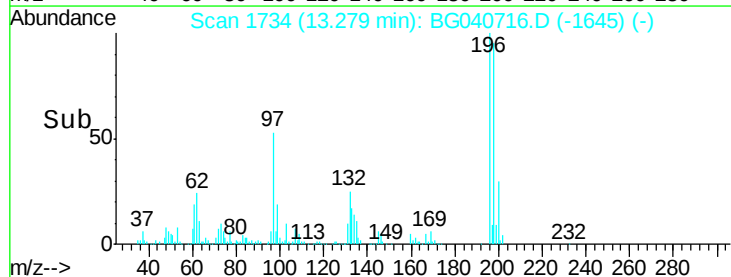
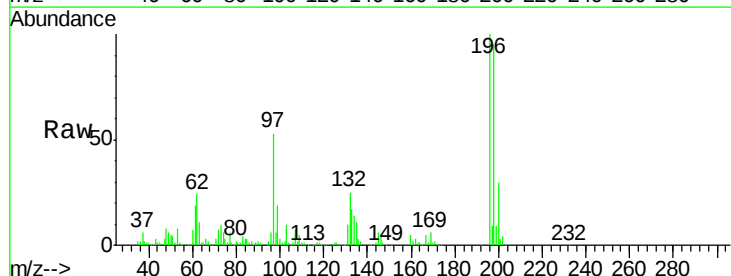
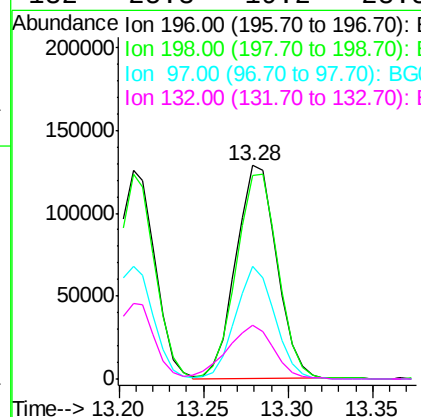
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-043019MSD

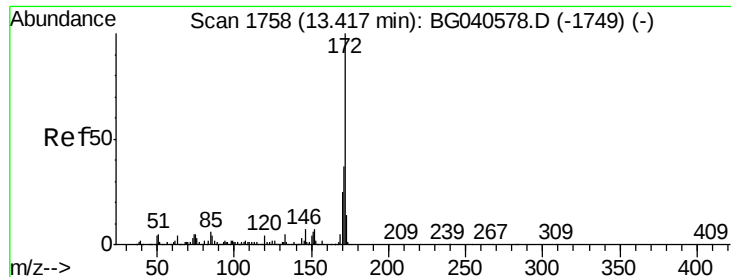
Tot Ion	196	Resp	198876
Ion Ratio	Lower	Upper	
196	100		
198	98.0	74.8	112.2
200	31.3	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 62.518 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG040716.D
 Acq: 2 May 2019 20:54

Tgt Ion	196	Resp	217736
Ion Ratio	Lower	Upper	
196	100		
198	95.4	77.0	115.6
97	52.8	40.0	60.0
132	25.3	19.2	28.8

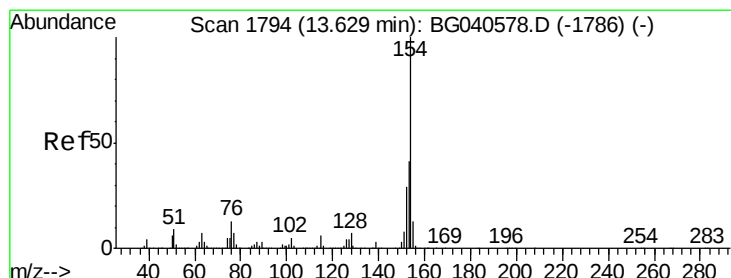
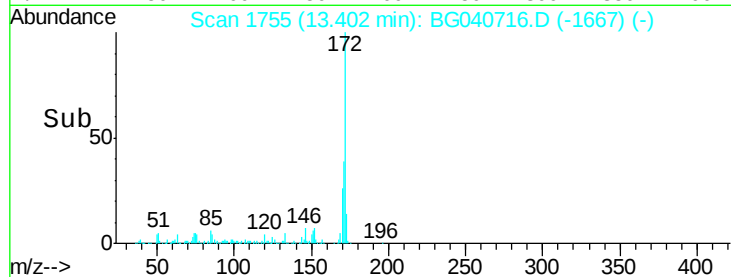
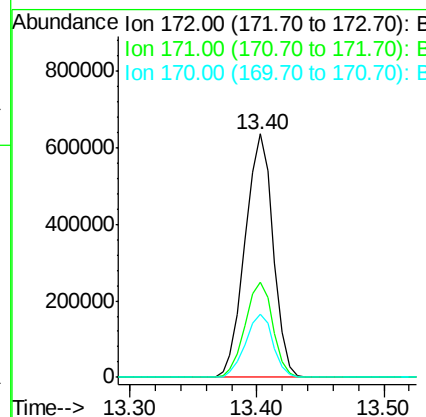
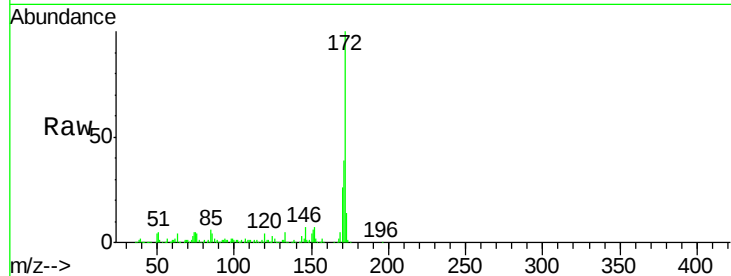




#45
 2-Fluorobiphenyl
 Concen: 99.068 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BG040716.D
 Acq: 2 May 2019 20:54

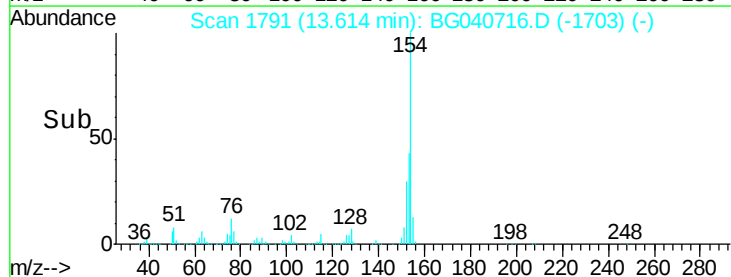
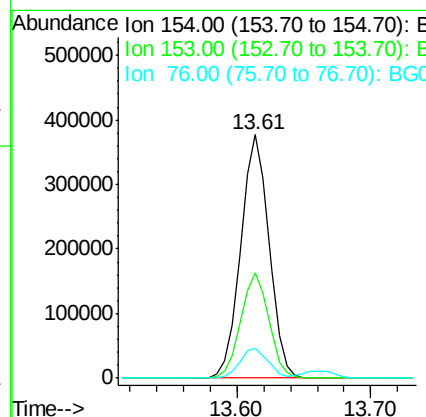
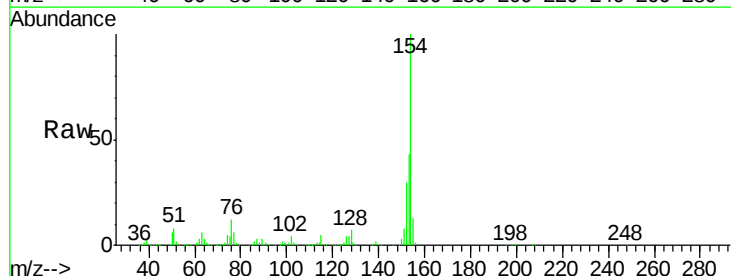
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-043019MSD

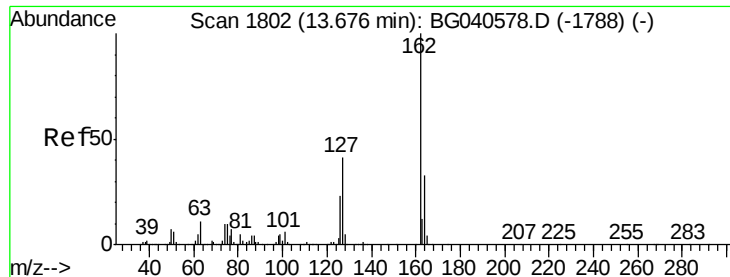
Tot Ion:172	Resp: 974207
Ion Ratio	Lower Upper
172 100	
171 39.1	29.4 44.2
170 26.0	19.9 29.9



#46
 1,1'-Biphenyl
 Concen: 50.061 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BG040716.D
 Acq: 2 May 2019 20:54

Tgt Ion	154	Resp: Lower	551988 Upper
	Ratio		
154	100		
153	43.2	20.5	60.5
76	12.0	0.0	32.5

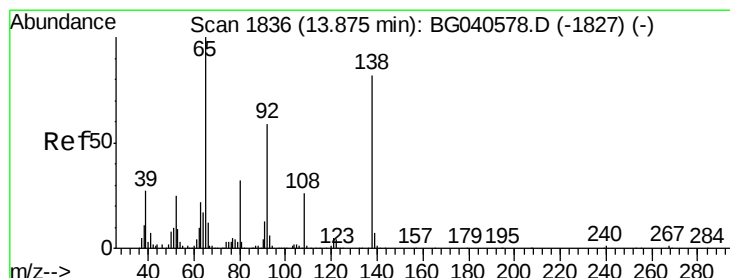
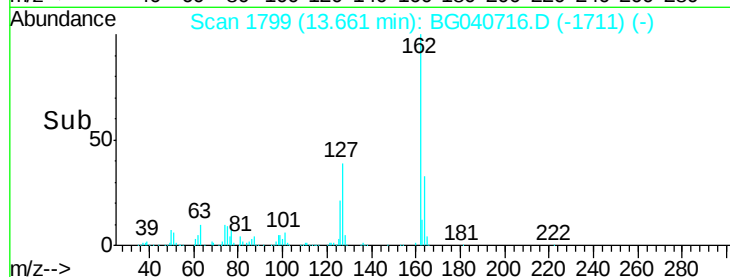
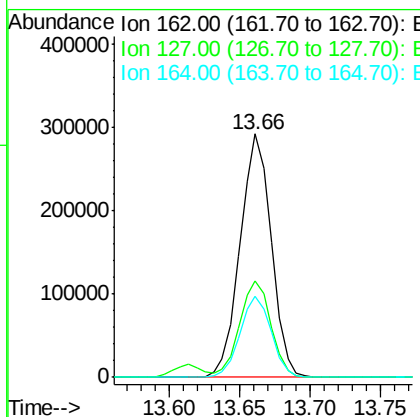
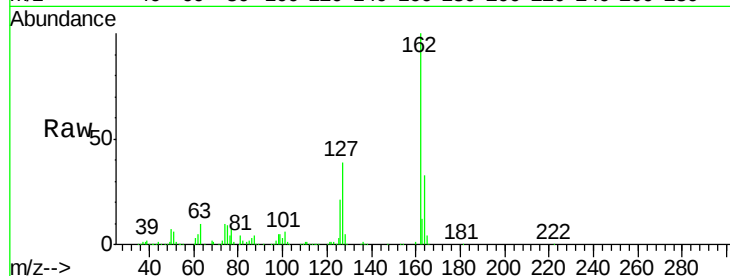




#47
 2-Chloronaphthalene
 Concen: 52.446 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BG040716.D
 Acq: 2 May 2019 20:54

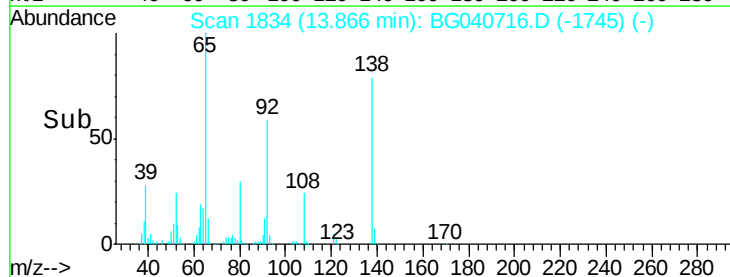
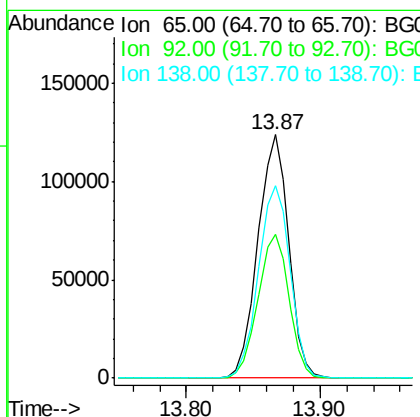
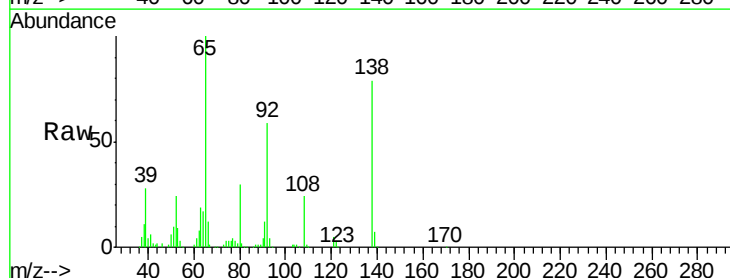
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-043019MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	33.0	49.4
164	33.1	26.8	40.2



#48
 2-Nitroaniline
 Concen: 64.139 ng
 RT: 13.87 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BG040716.D
 Acq: 2 May 2019 20:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.3	47.4	71.0
138	79.2	66.1	99.1





#49

Acenaphthylene

Concen: 50.929 ng

RT: 14.51 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

Instrument :

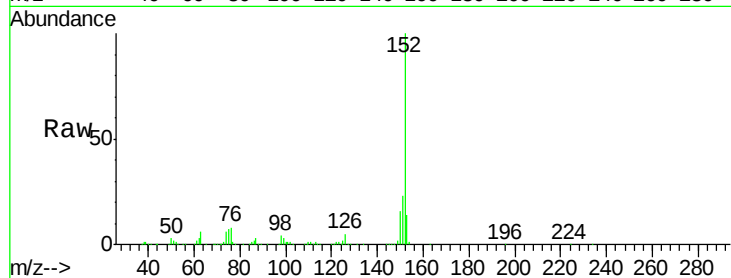
BNA_G

ClientSampleId :

TR-04-043019MSD

Tot Ion:152 Resp: 745628

Ion	Ratio	Lower	Upper
152	100		
151	22.5	17.2	25.8
153	13.7	10.7	16.1

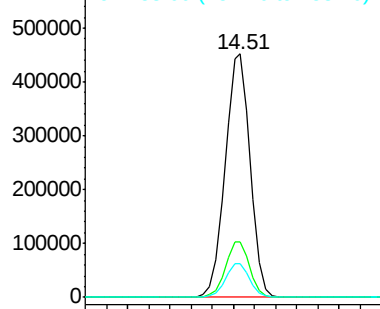


Abundance

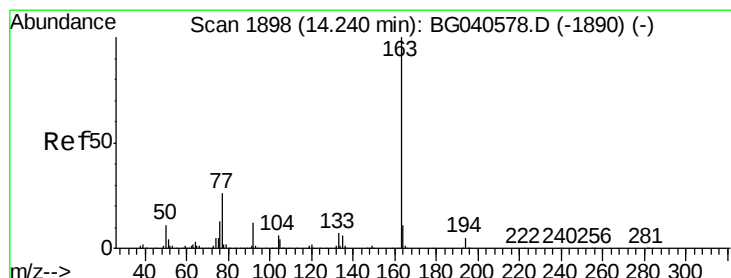
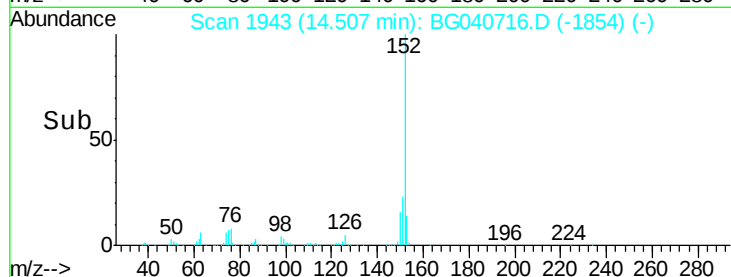
Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 56.783 ng

RT: 14.22 min Scan# 1895

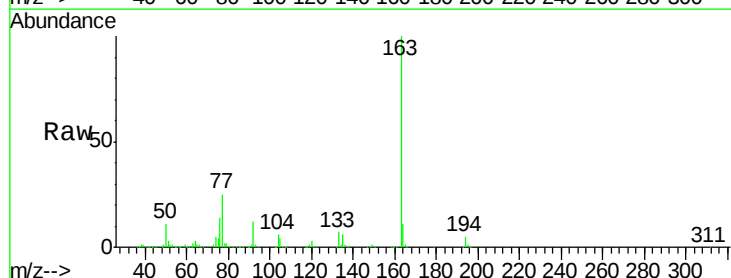
Delta R.T. -0.01 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

Tgt Ion:163 Resp: 674721

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.8	5.8
164	10.8	8.8	13.2

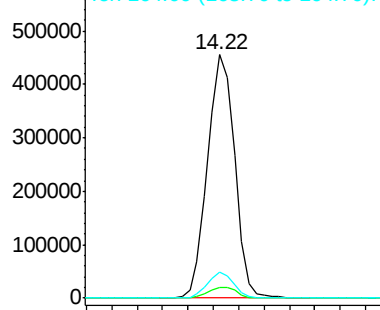


Abundance

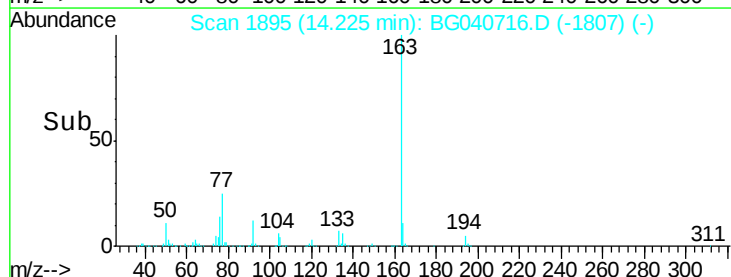
Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->

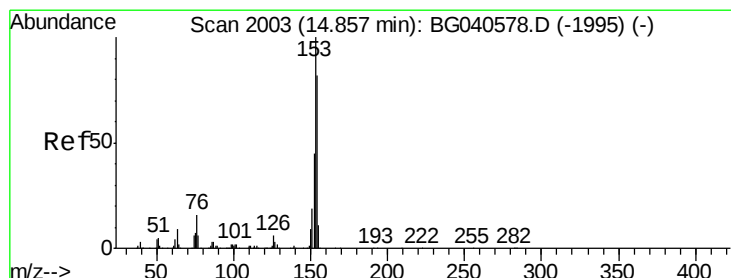
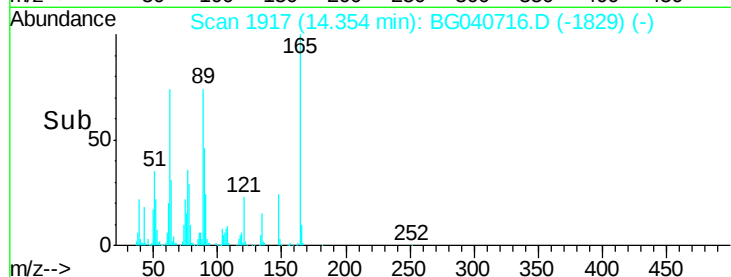
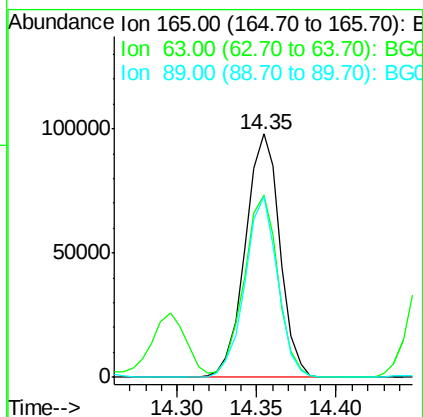
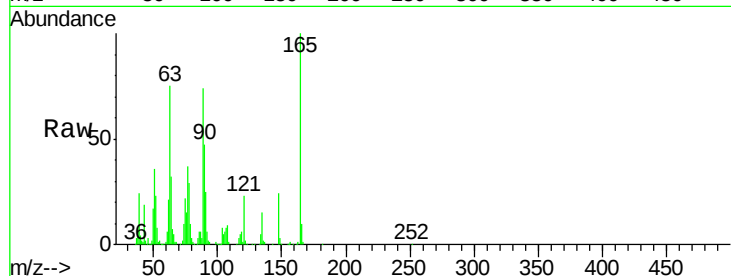




#51
2,6-Dinitrotoluene
Concen: 63.633 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BG040716.D
Acq: 2 May 2019 20:54

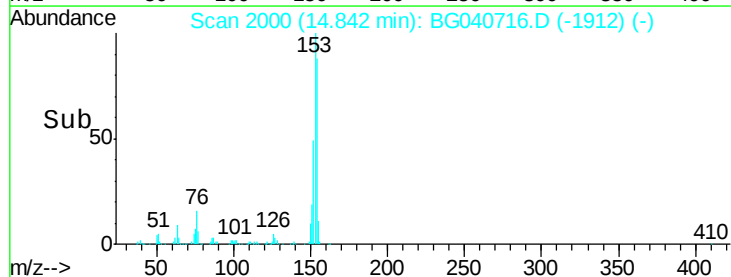
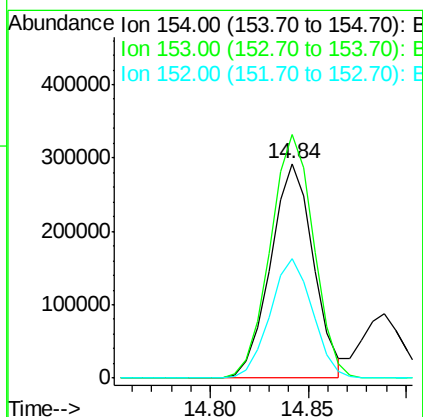
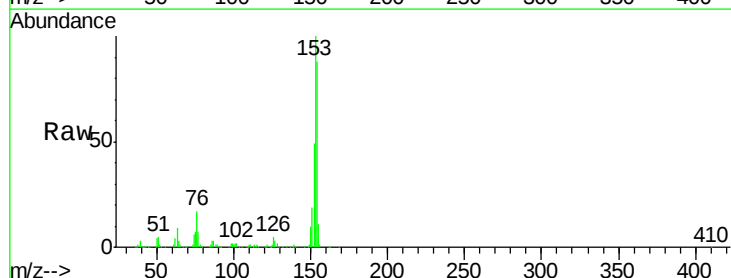
Instrument :
BNA_G
ClientSampleId :
TR-04-043019MSD

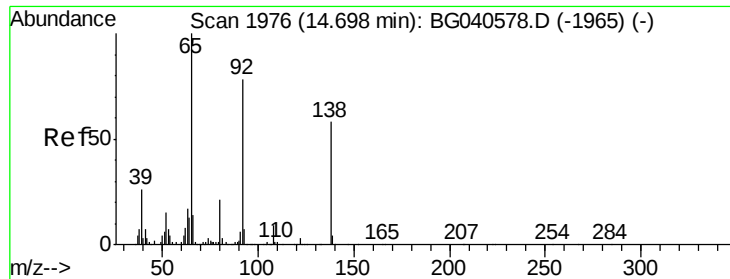
Tot Ion:165 Resp: 147569
Ion Ratio Lower Upper
165 100
63 74.7 61.0 91.4
89 74.1 58.6 87.8



#52
Acenaphthene
Concen: 52.010 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG040716.D
Acq: 2 May 2019 20:54

Tgt Ion:154 Resp: 443438
Ion Ratio Lower Upper
154 100
153 113.4 97.0 145.6
152 55.9 44.1 66.1

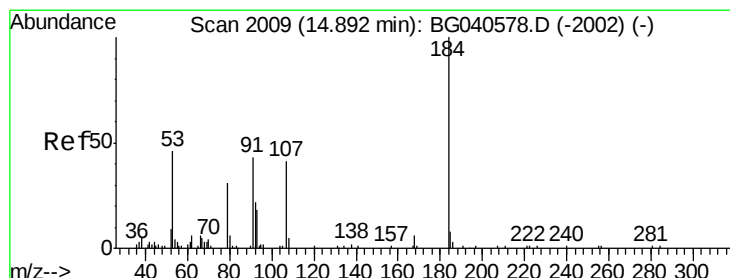
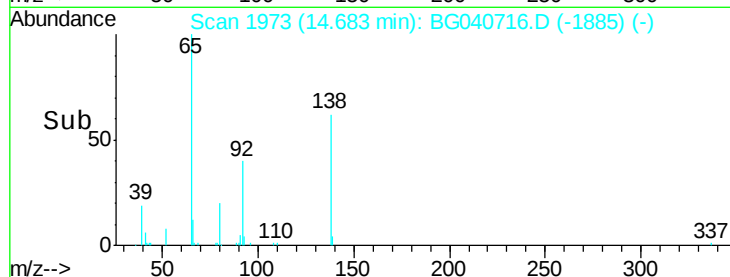
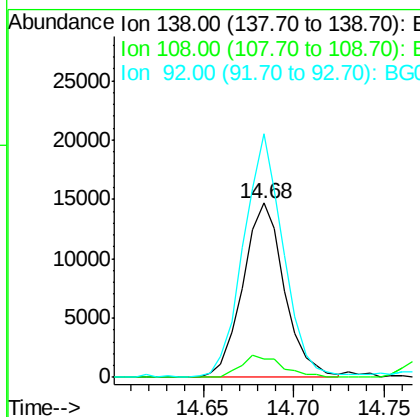
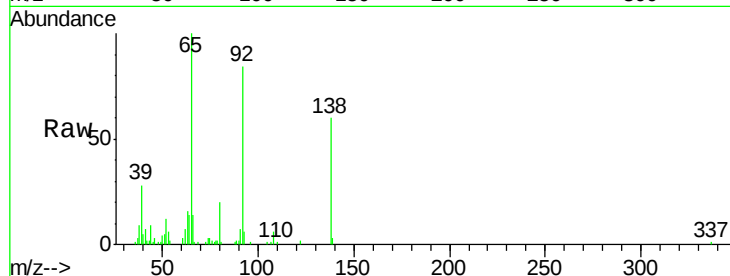




#53
 3-Nitroaniline
 Concen: 9.882 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.01 min
 Lab File: BG040716.D
 Acq: 2 May 2019 20:54

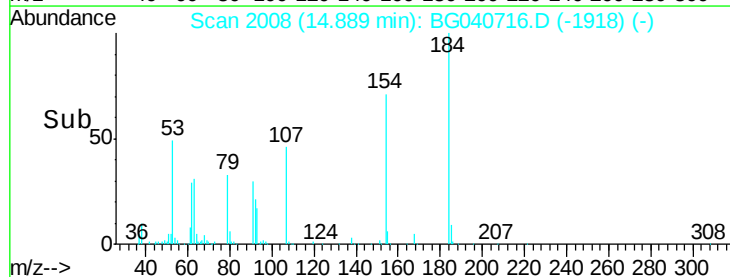
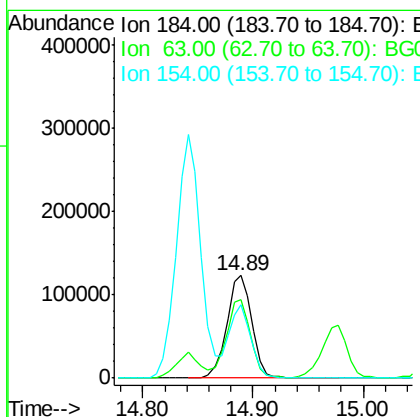
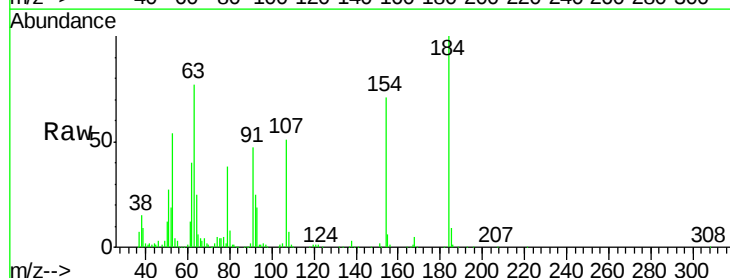
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-043019MSD

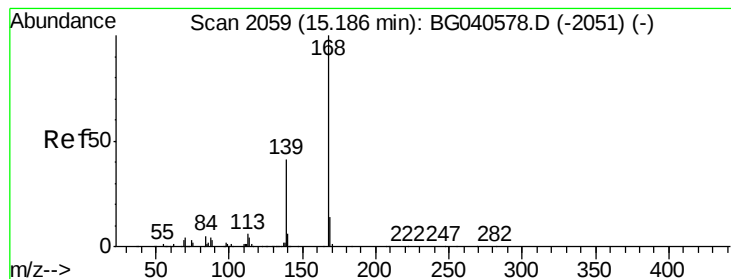
Tot Ion:138 Resp: 23480
 Ion Ratio Lower Upper
 138 100
 108 10.5 12.4 18.6#
 92 139.7 108.6 162.8



#54
 2,4-Dinitrophenol
 Concen: 143.214 ng
 RT: 14.89 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BG040716.D
 Acq: 2 May 2019 20:54

Tgt Ion:184 Resp: 195262
 Ion Ratio Lower Upper
 184 100
 63 77.2 51.8 77.6
 154 71.4 43.6 65.4#





#55

Dibenzofuran

Concen: 54.242 ng

RT: 15.18 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MSD

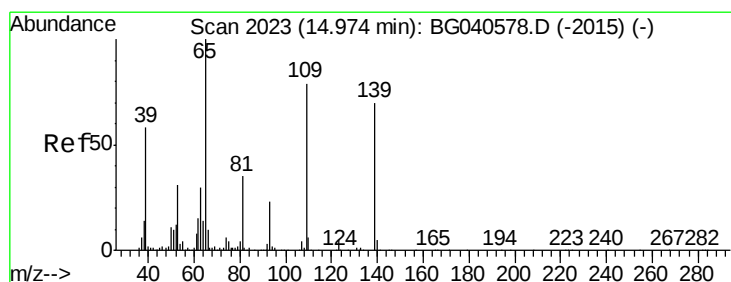
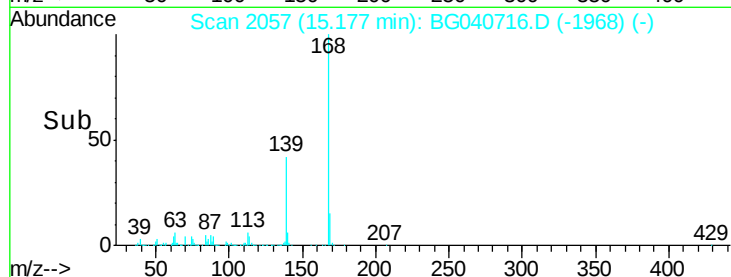
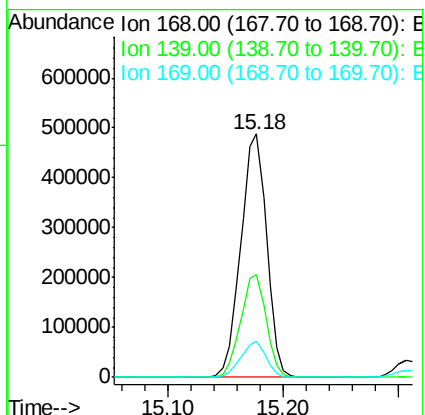
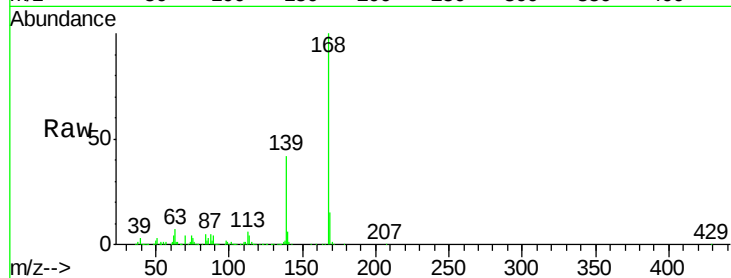
Tot Ion:168 Resp: 757498

Ion Ratio Lower Upper

168 100

139 42.1 33.0 49.4

169 14.8 11.0 16.4



#56

4-Nitrophenol

Concen: 116.697 ng

RT: 14.98 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

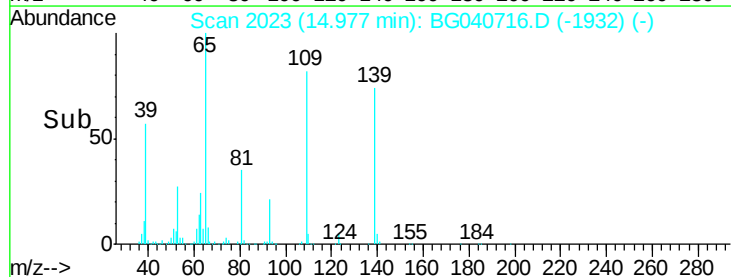
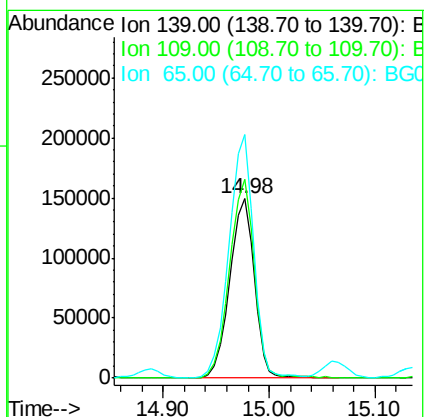
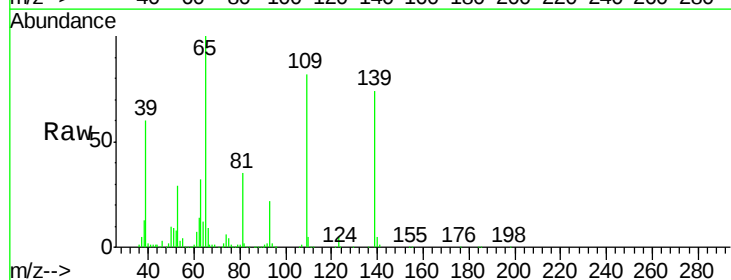
Tgt Ion:139 Resp: 240442

Ion Ratio Lower Upper

139 100

109 111.1 93.8 133.8

65 135.7 122.7 162.7





#57

2,4-Dinitrotoluene

Concen: 69.539 ng

RT: 15.14 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MSD

Tot Ion:165 Resp: 219135

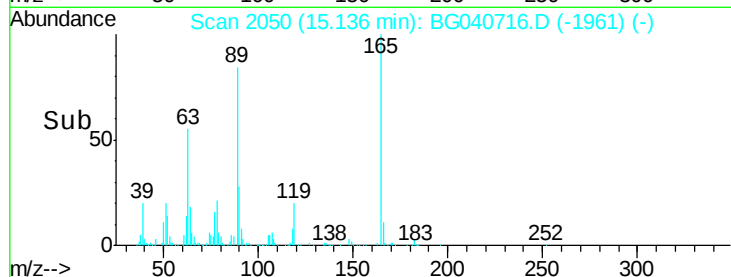
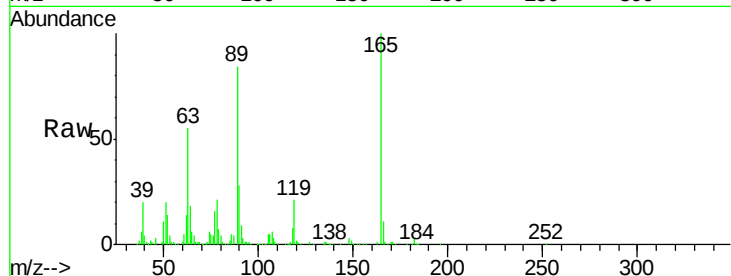
Ion Ratio Lower Upper

165 100

63 55.0 45.8 68.8

89 84.2 69.4 104.2

182 2.8 2.2 3.4

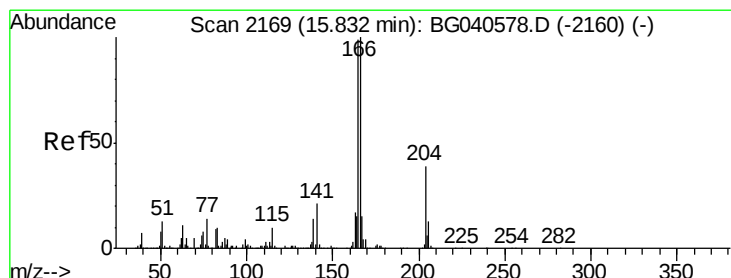
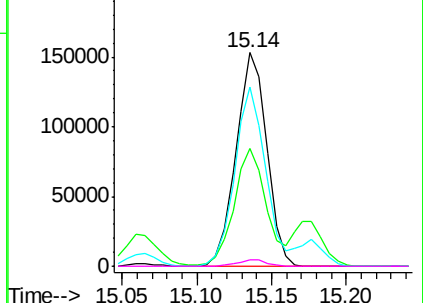


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 55.150 ng

RT: 15.82 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

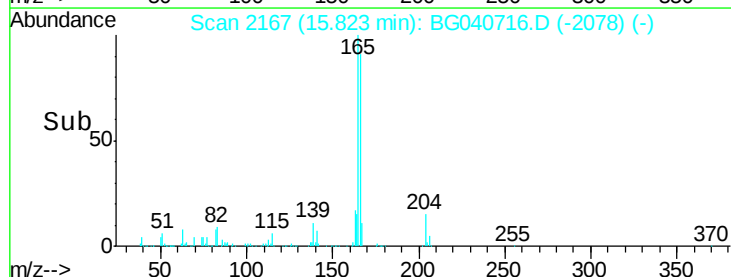
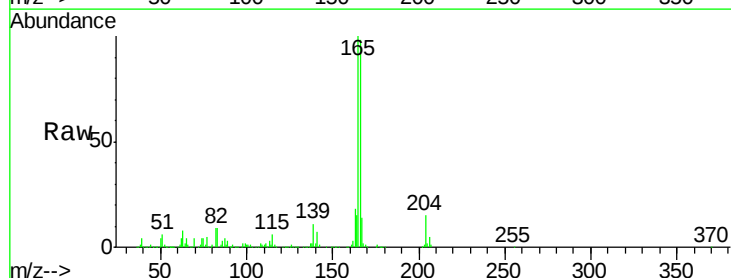
Tgt Ion:166 Resp: 622501

Ion Ratio Lower Upper

166 100

165 102.3 79.6 119.4

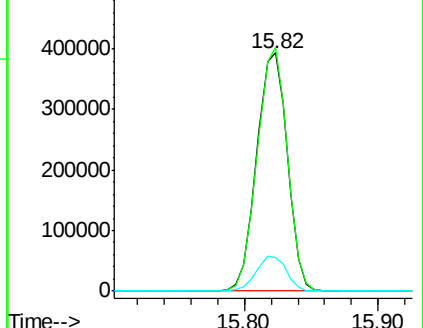
167 14.3 12.2 18.2

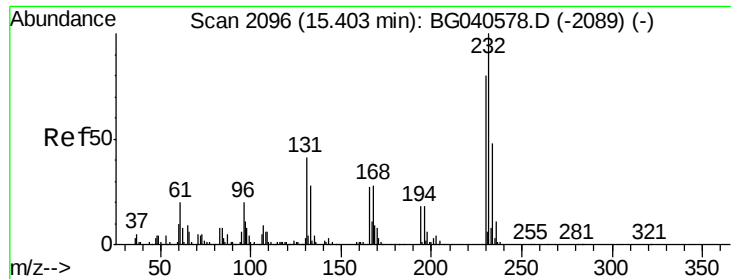


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

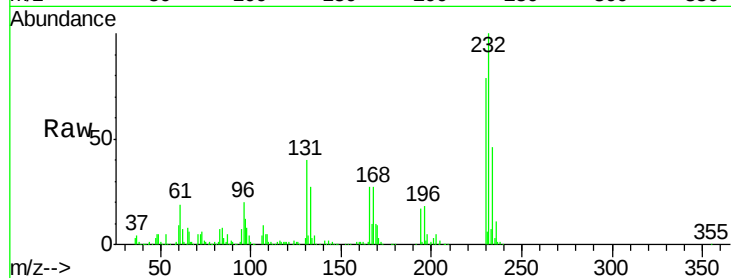




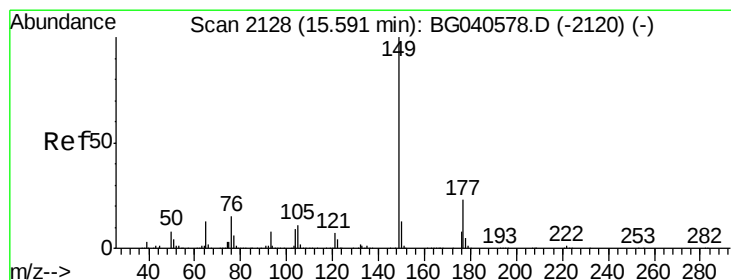
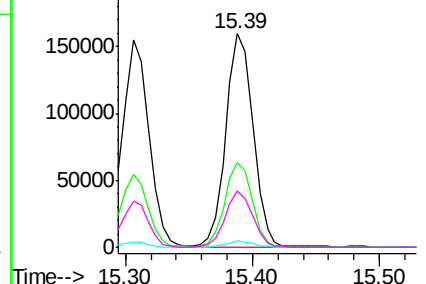
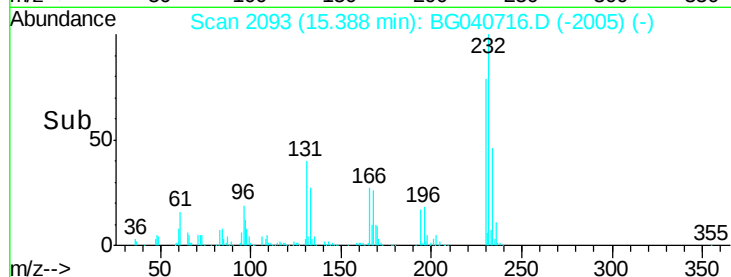
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 67.738 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. -0.01 min
 Lab File: BG040716.D
 Acq: 2 May 2019 20:54

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-043019MSD

Tot Ion:	232	Resp:	237453
Ion	Ratio	Lower	Upper
232	100		
131	39.4	33.0	49.4
130	2.8	2.0	3.0
166	26.8	22.1	33.1

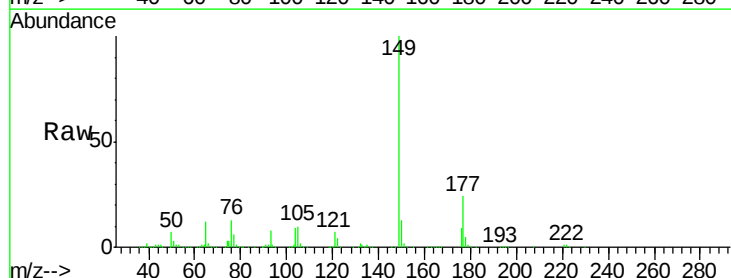


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

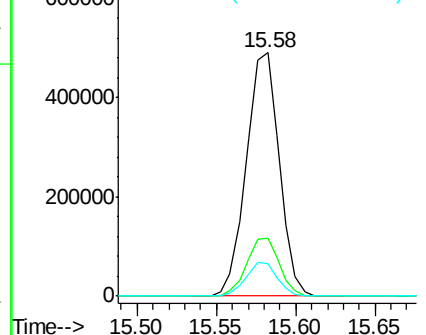
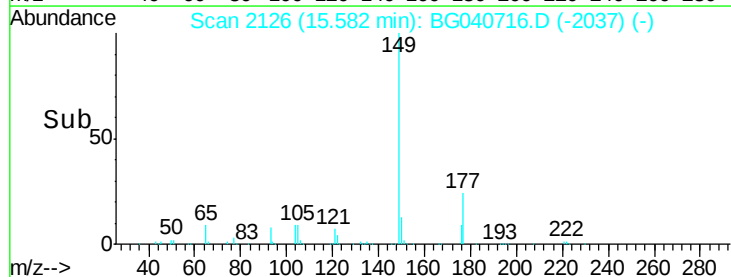


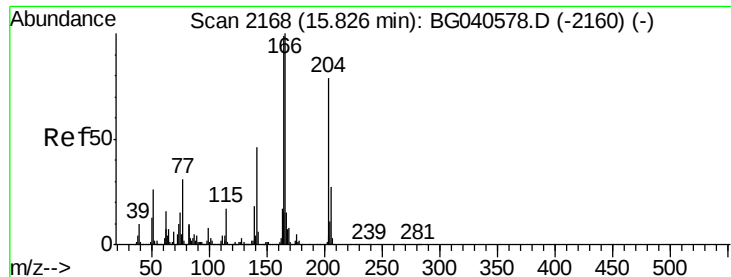
#60
 Diethylphthalate
 Concen: 56.417 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG040716.D
 Acq: 2 May 2019 20:54

Tgt Ion:	149	Resp:	707297
Ion	Ratio	Lower	Upper
149	100		
177	23.8	18.5	27.7
150	13.2	10.2	15.4



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

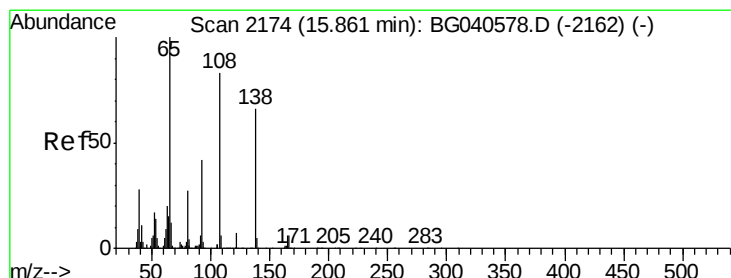
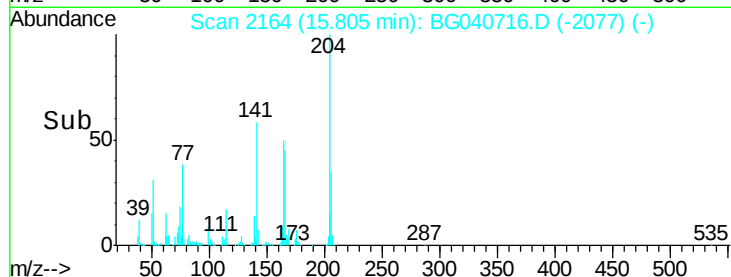
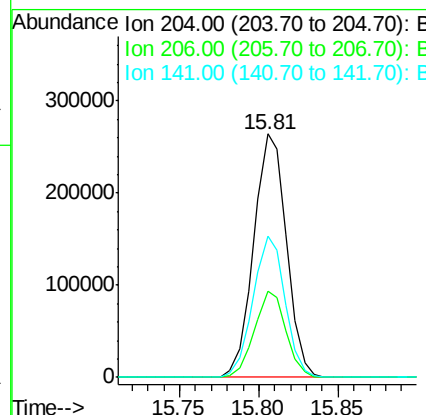
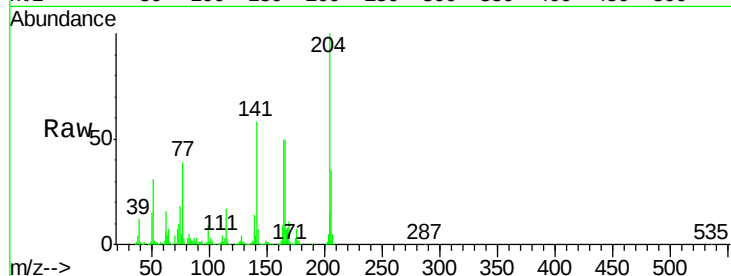




#61
 4-Chlorophenyl-phenylether
 Concen: 57.856 ng
 RT: 15.81 min Scan# 2164
 Delta R.T. -0.02 min
 Lab File: BG040716.D
 Acq: 2 May 2019 20:54

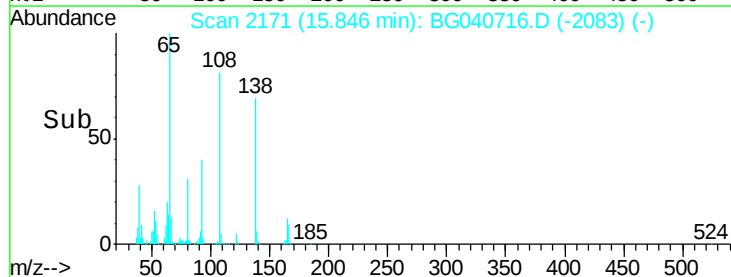
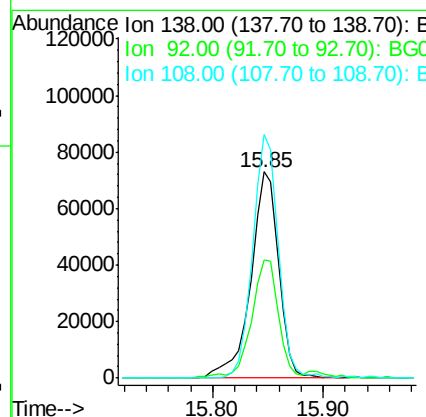
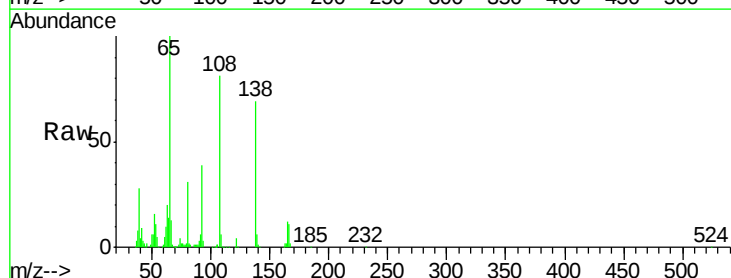
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-043019MSD

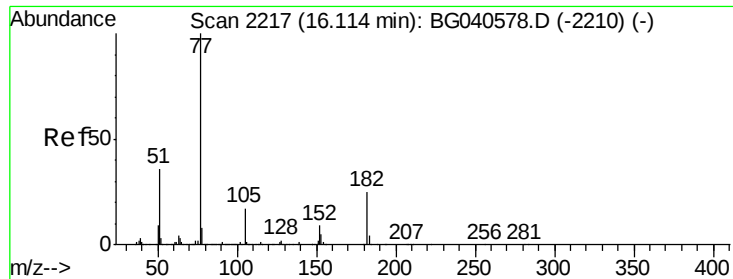
Tot Ion:204 Resp: 379810
 Ion Ratio Lower Upper
 204 100
 206 35.2 27.4 41.2
 141 58.1 46.0 69.0



#62
 4-Nitroaniline
 Concen: 48.862 ng
 RT: 15.85 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BG040716.D
 Acq: 2 May 2019 20:54

Tgt Ion:138 Resp: 129876
 Ion Ratio Lower Upper
 138 100
 92 57.6 43.9 83.9
 108 118.2 106.5 146.5

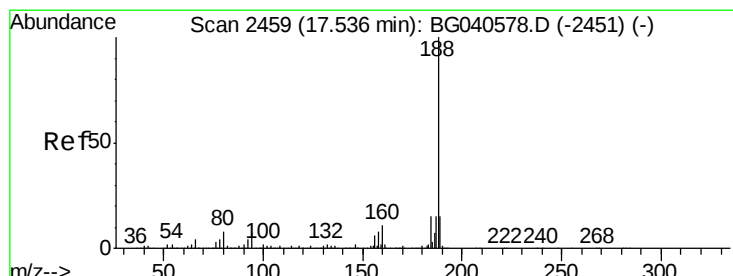
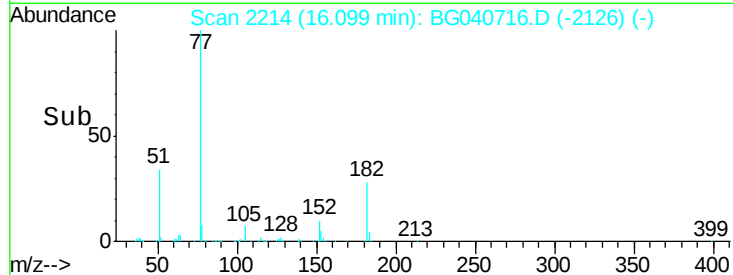
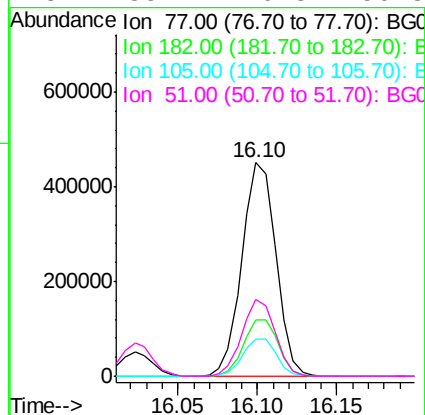
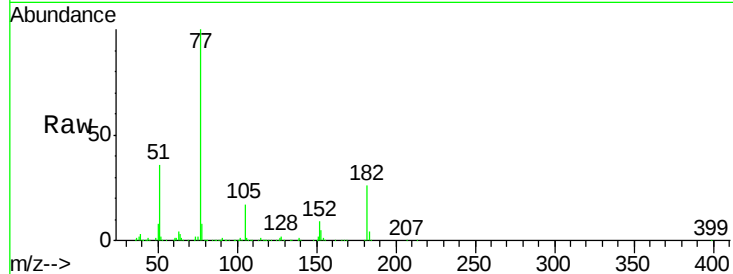




#63
Azobenzene
Concen: 52.093 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BG040716.D
Acq: 2 May 2019 20:54

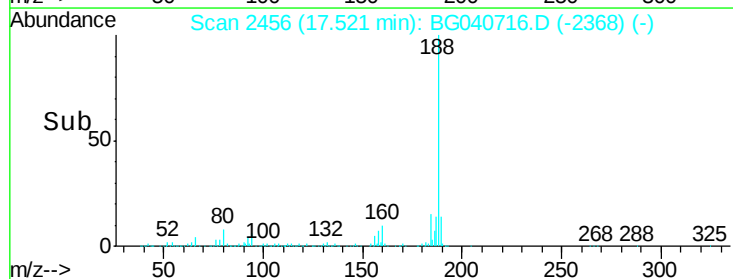
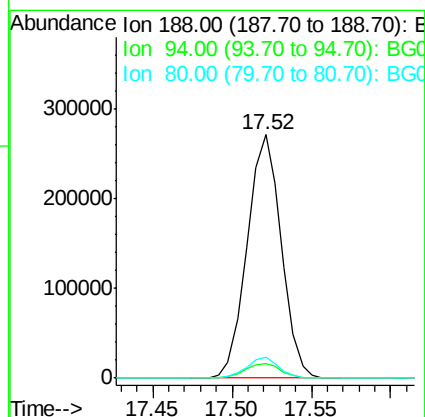
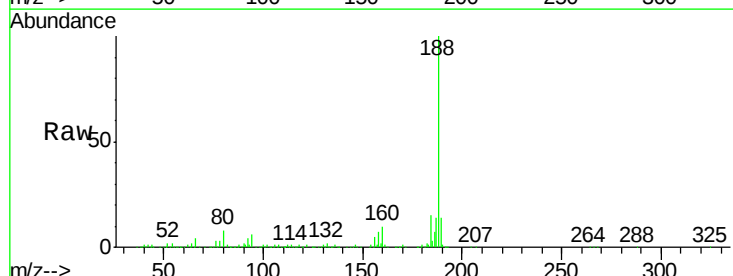
Instrument :
BNA_G
ClientSampleId :
TR-04-043019MSD

Tot Ion:	77	Resp:	672575
Ion	Ratio	Lower	Upper
77	100		
182	26.3	5.0	45.0
105	17.4	0.0	37.6
51	35.7	16.3	56.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BG040716.D
Acq: 2 May 2019 20:54

Tgt Ion:	188	Resp:	404504
Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.6	8.4
80	8.5	6.4	9.6

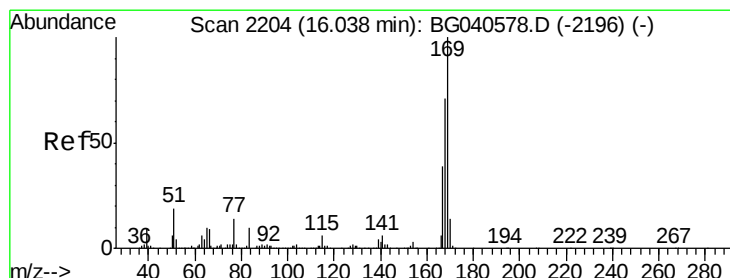
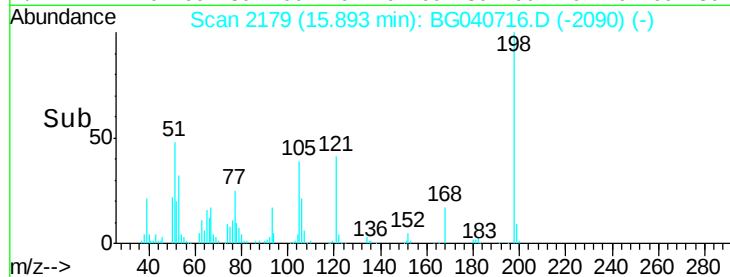
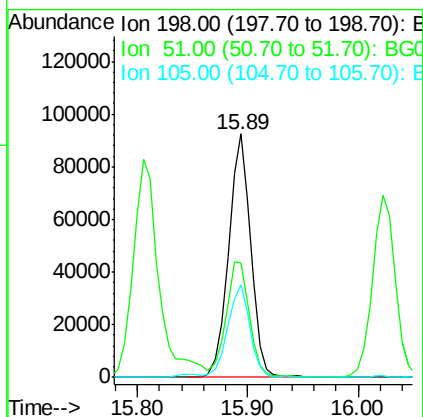
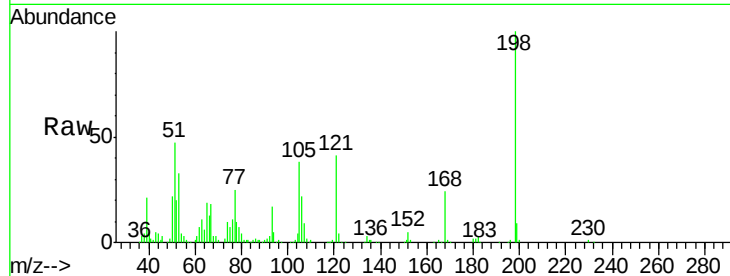




#65
 4,6-Dinitro-2-methylphenol
 Concen: 62.549 ng
 RT: 15.89 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BG040716.D
 Acq: 2 May 2019 20:54

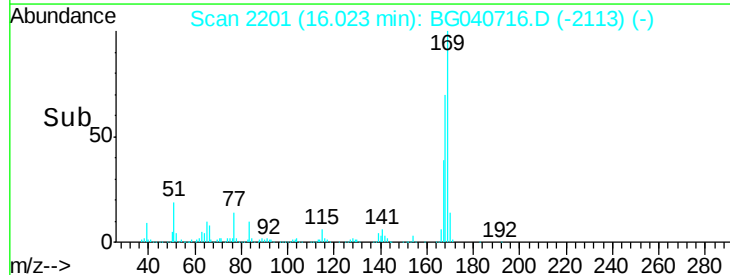
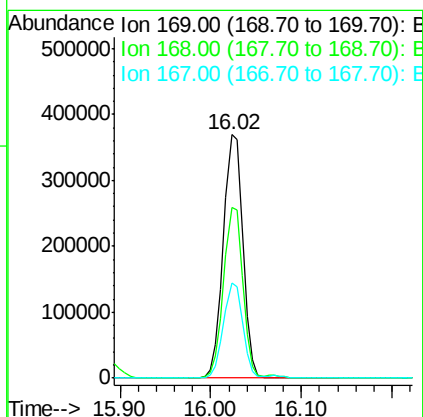
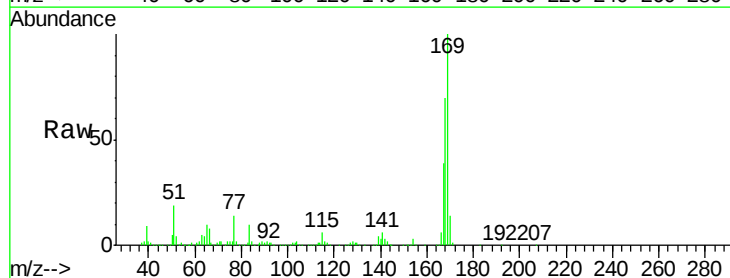
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-043019MSD

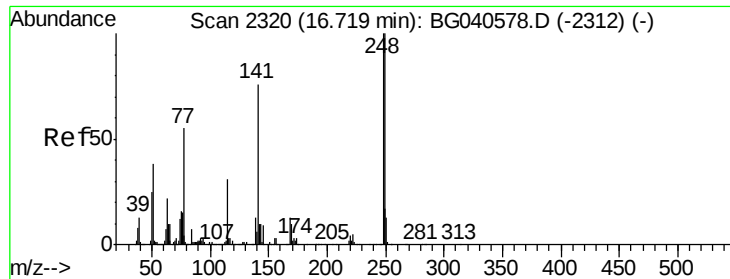
Tot Ion:198 Resp: 129701
 Ion Ratio Lower Upper
 198 100
 51 47.2 35.9 75.9
 105 38.1 21.2 61.2



#66
 n-Nitrosodiphenylamine
 Concen: 46.506 ng
 RT: 16.02 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG040716.D
 Acq: 2 May 2019 20:54

Tgt Ion:169 Resp: 553461
 Ion Ratio Lower Upper
 169 100
 168 69.9 56.8 85.2
 167 39.3 31.4 47.0

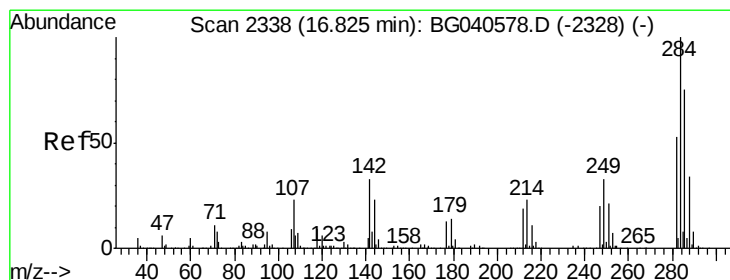
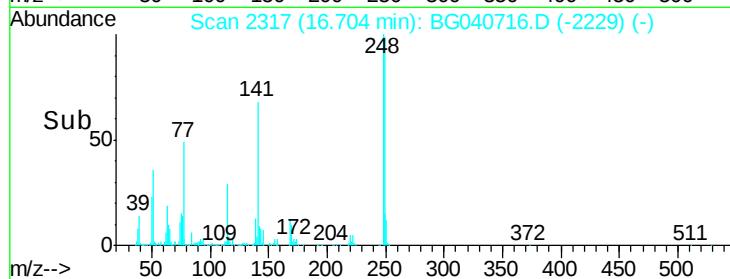
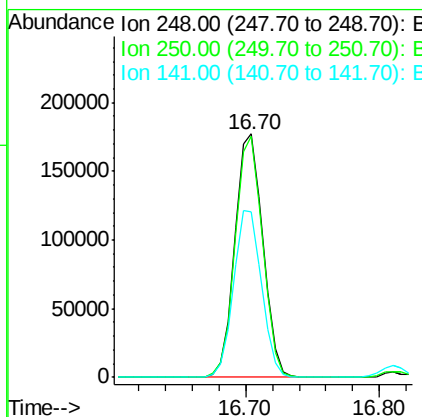
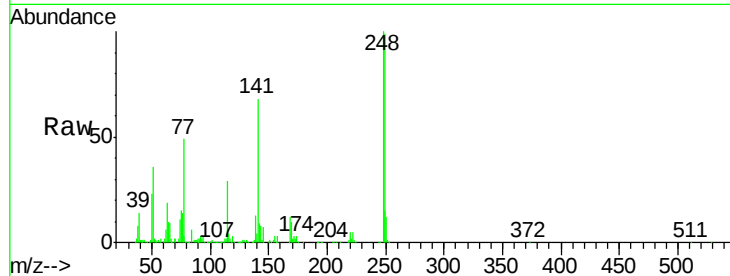




#67
4-Bromophenyl-phenylether
Concen: 50.967 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BG040716.D
Acq: 2 May 2019 20:54

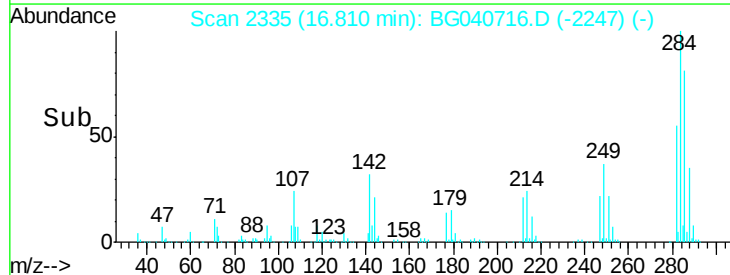
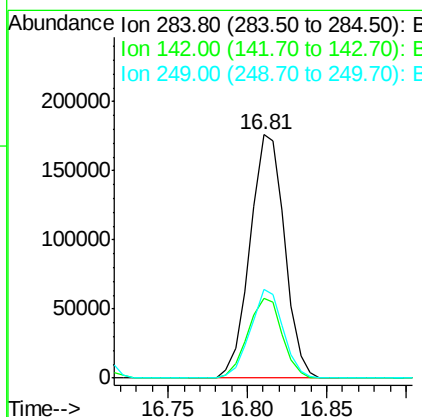
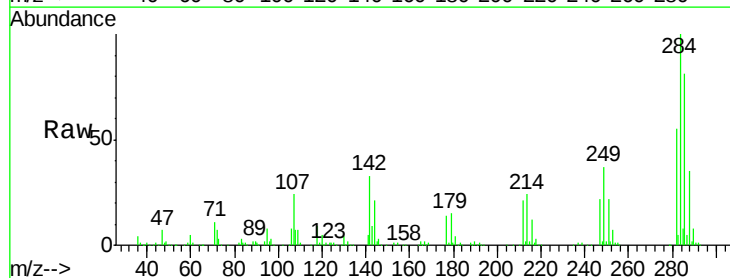
Instrument :
BNA_G
ClientSampleId :
TR-04-043019MSD

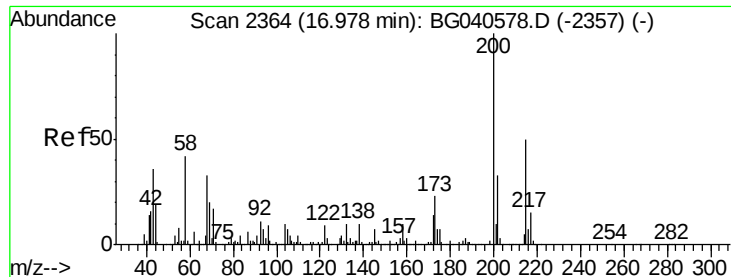
Tot Ion:248 Resp: 256849
Ion Ratio Lower Upper
248 100
250 98.9 79.8 119.6
141 68.0 60.8 91.2



#68
Hexachlorobenzene
Concen: 51.256 ng
RT: 16.81 min Scan# 2335
Delta R.T. -0.01 min
Lab File: BG040716.D
Acq: 2 May 2019 20:54

Tgt Ion:284 Resp: 267089
Ion Ratio Lower Upper
284 100
142 32.6 26.6 40.0
249 38.8 26.0 39.0





#69

Atrazine

Concen: 28.659 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.01 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MSD

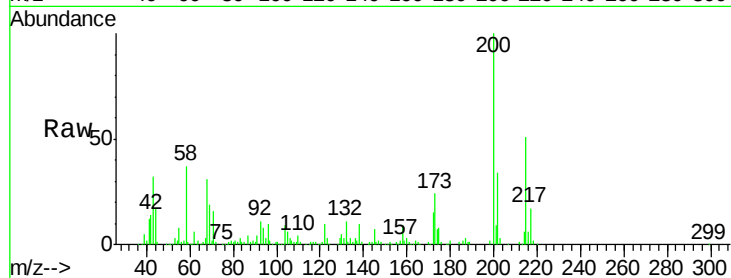
Tot Ion:200 Resp: 135132

Ion Ratio Lower Upper

200 100

173 23.6 2.8 42.8

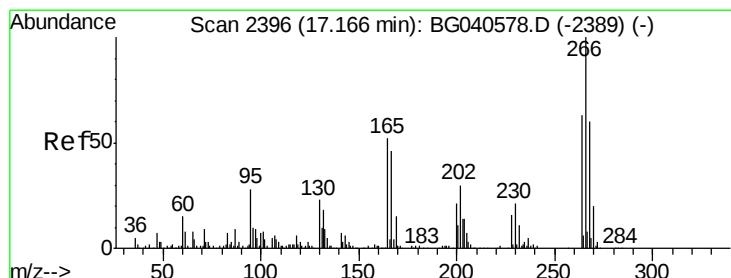
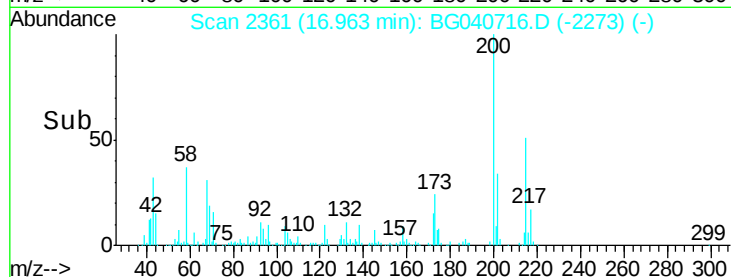
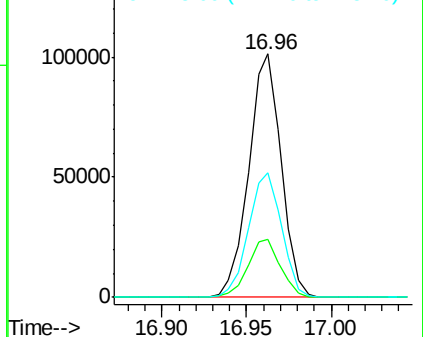
215 51.4 30.2 70.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 119.574 ng

RT: 17.16 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

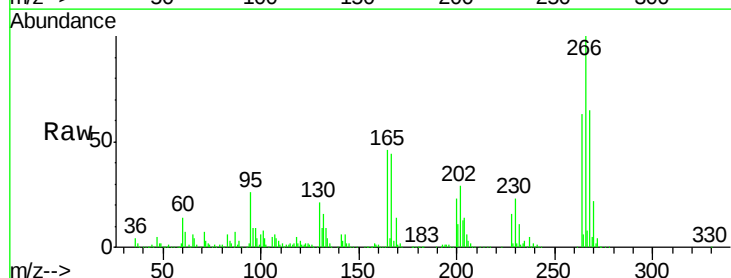
Tgt Ion:266 Resp: 364614

Ion Ratio Lower Upper

266 100

268 64.9 52.3 78.5

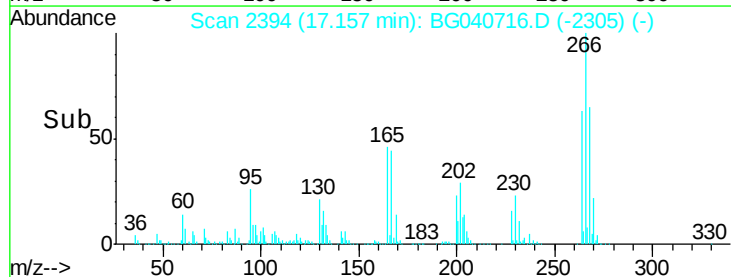
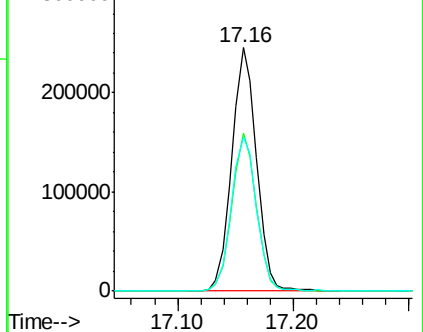
264 63.4 50.0 75.0

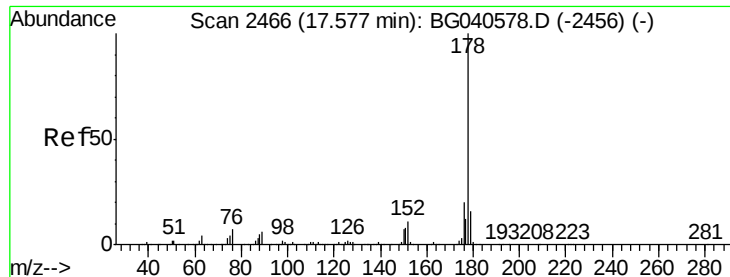


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

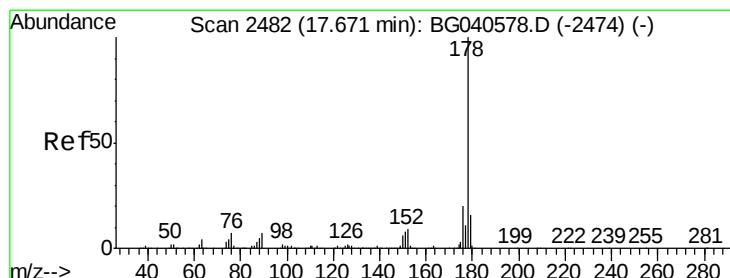
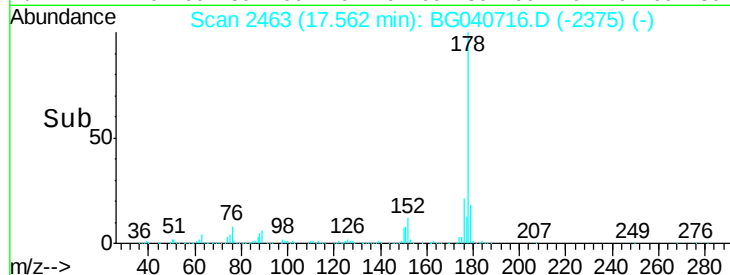
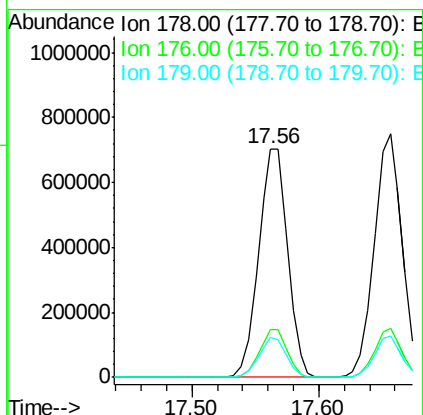
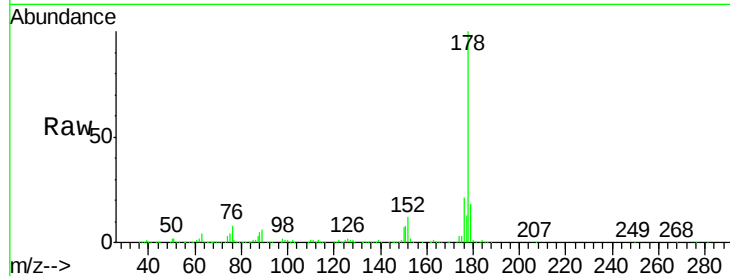




#71
Phenanthrene
Concen: 51.346 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BG040716.D
Acq: 2 May 2019 20:54

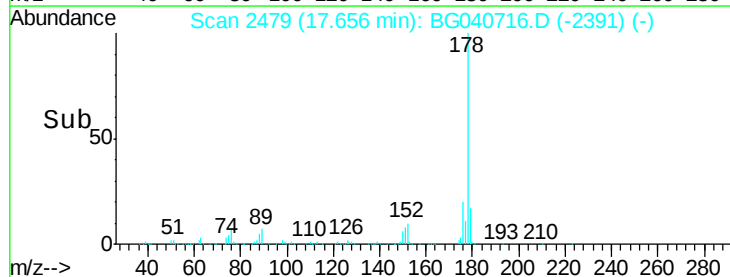
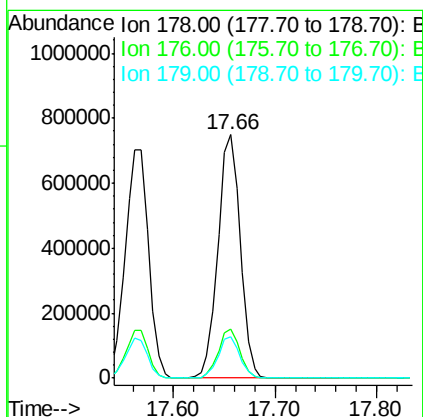
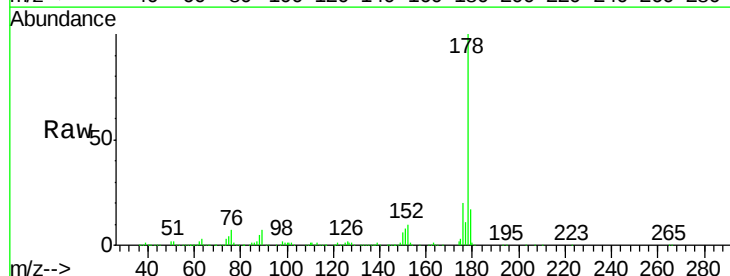
Instrument :
BNA_G
ClientSampleId :
TR-04-043019MSD

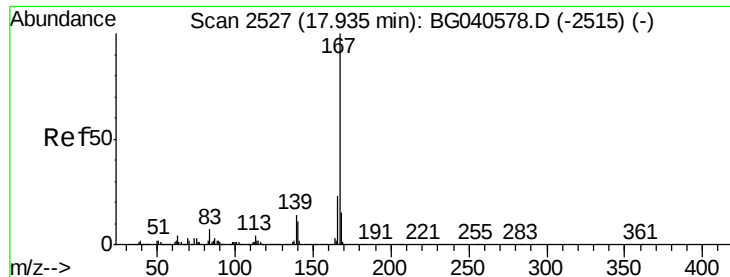
Tot Ion:178 Resp: 1118698
Ion Ratio Lower Upper
178 100
176 20.7 15.8 23.6
179 17.5 12.6 18.8



#72
Anthracene
Concen: 52.170 ng
RT: 17.66 min Scan# 2479
Delta R.T. -0.01 min
Lab File: BG040716.D
Acq: 2 May 2019 20:54

Tgt Ion:178 Resp: 1142529
Ion Ratio Lower Upper
178 100
176 20.0 15.6 23.4
179 17.0 12.9 19.3





#73

Carbazole

Concen: 47.952 ng

RT: 17.93 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MSD

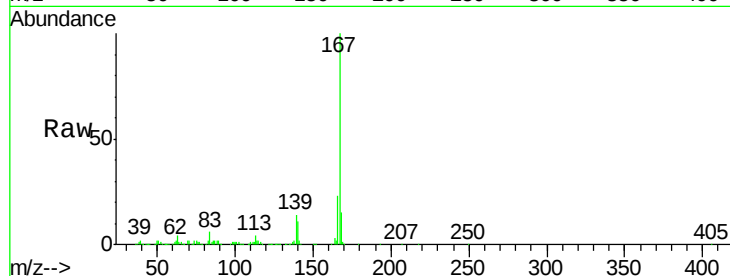
Tot Ion:167 Resp: 956785

Ion Ratio Lower Upper

167 100

166 23.3 18.2 27.4

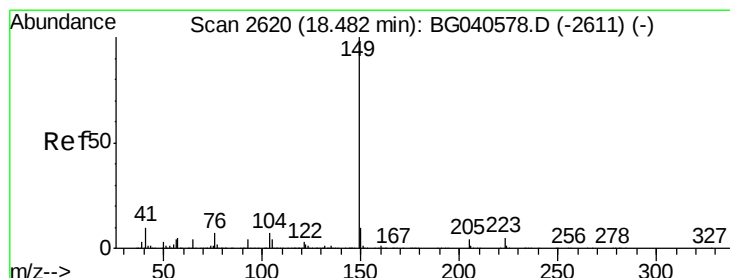
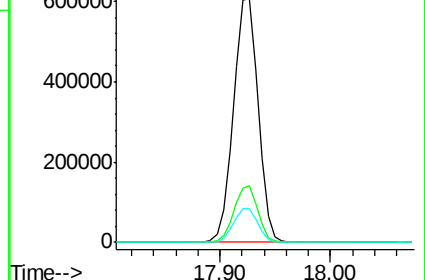
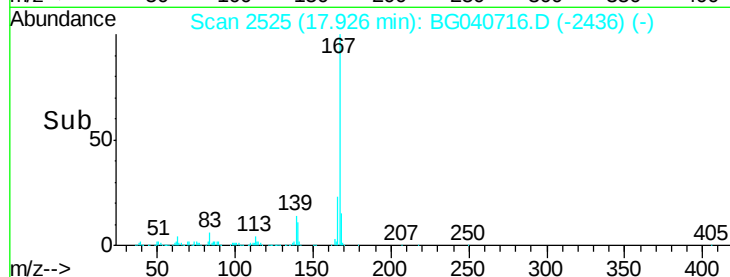
139 13.9 11.4 17.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 50.876 ng

RT: 18.46 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

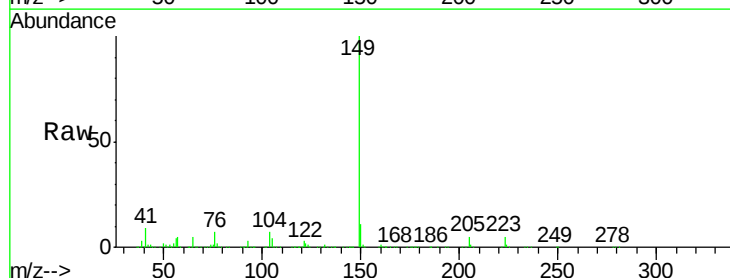
Tgt Ion:149 Resp: 1225225

Ion Ratio Lower Upper

149 100

150 10.5 8.2 12.2

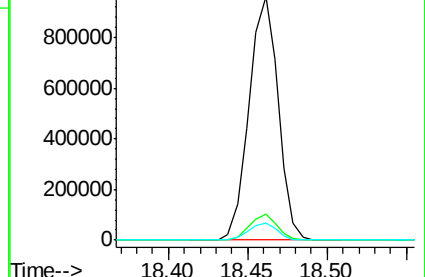
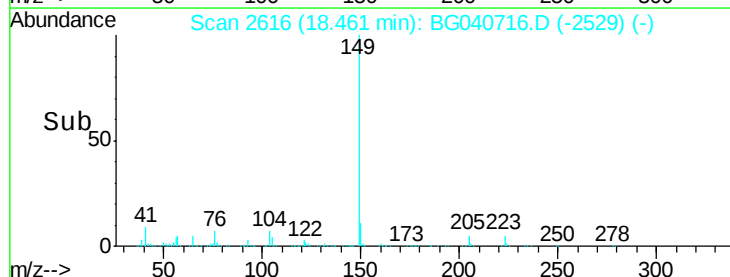
104 7.2 5.4 8.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 53.069 ng

RT: 19.57 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MSD

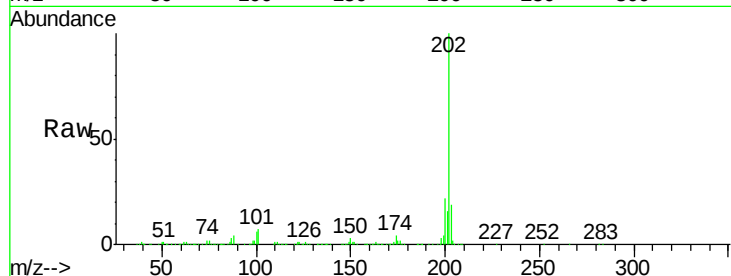
Tot Ion:202 Resp: 1440886

Ion Ratio Lower Upper

202 100

101 6.7 0.0 27.5

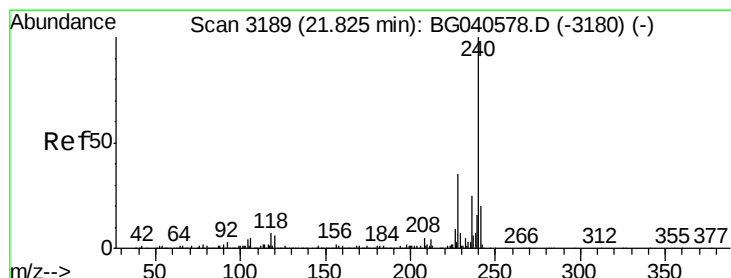
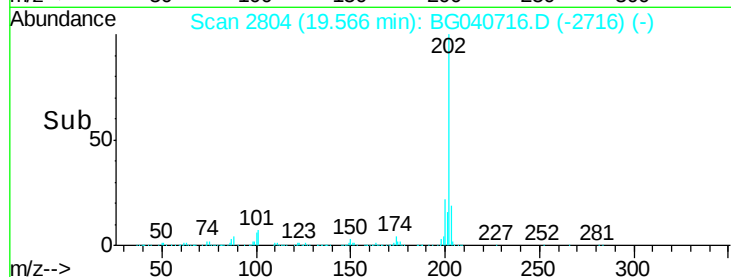
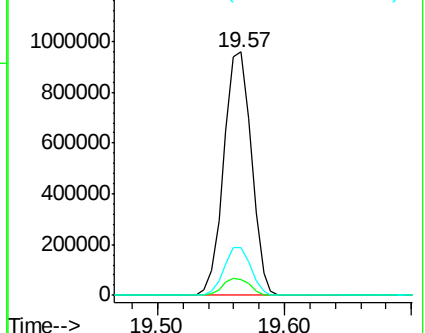
203 19.5 0.0 39.3



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: 21.80 min Scan# 3185

Delta R.T. -0.02 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

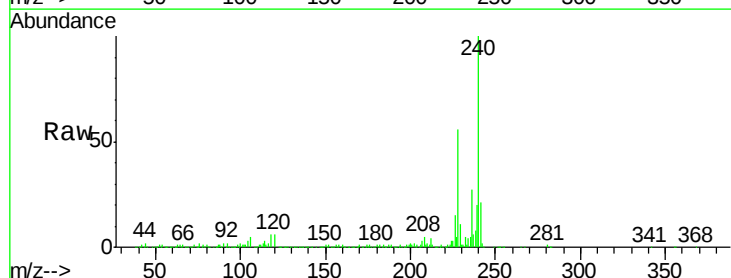
Tgt Ion:240 Resp: 401199

Ion Ratio Lower Upper

240 100

120 5.7 5.0 7.6

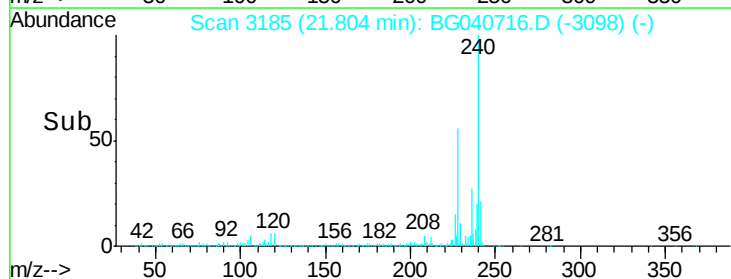
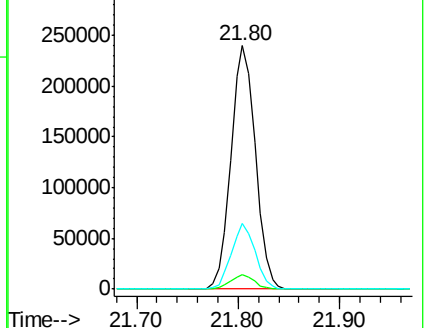
236 26.8 20.3 30.5

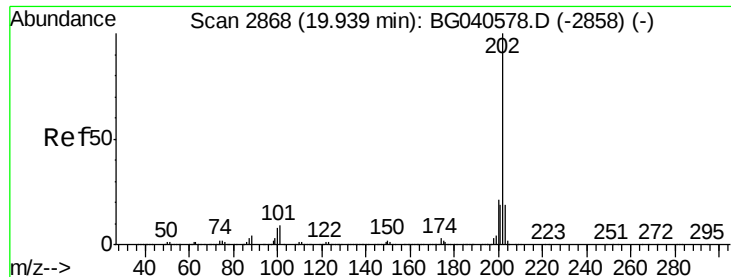


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 57.861 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MSD

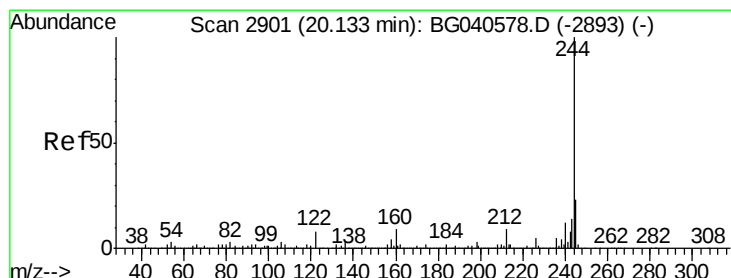
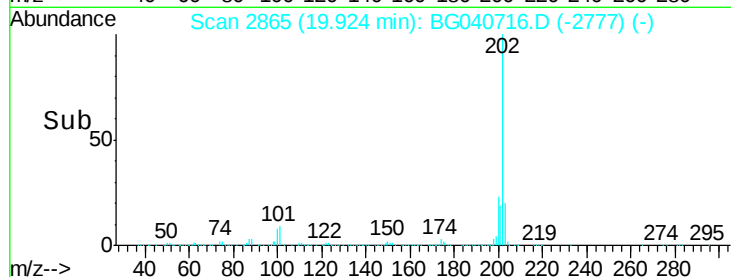
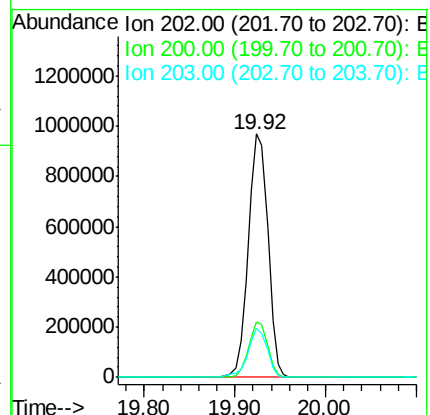
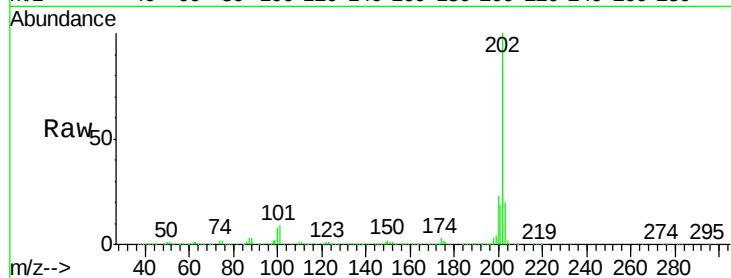
Tot Ion:202 Resp: 1454930

Ion Ratio Lower Upper

202 100

200 22.9 17.2 25.8

203 20.1 15.0 22.4



#79

Terphenyl-d14

Concen: 111.152 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

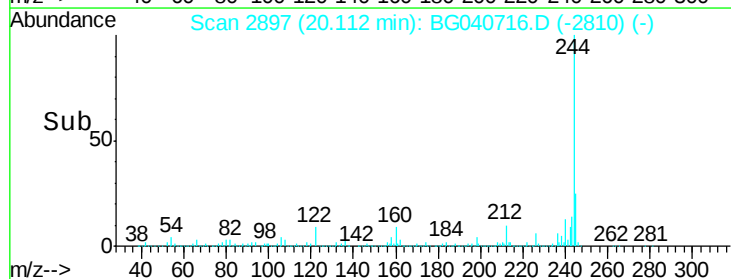
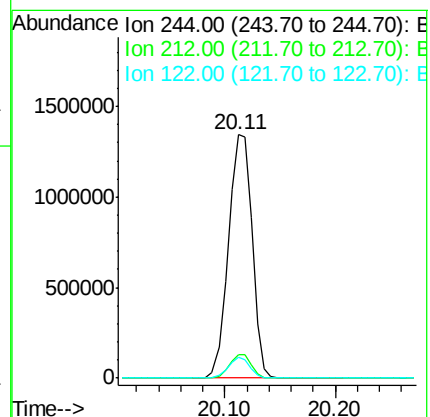
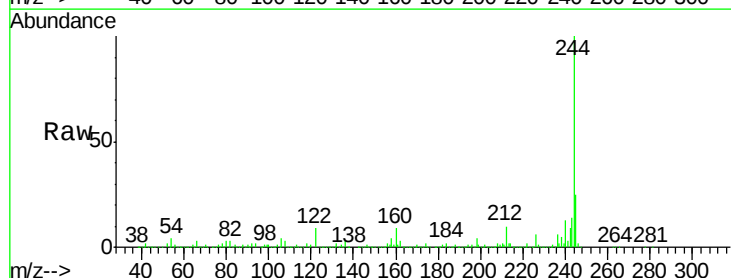
Tgt Ion:244 Resp: 2012898

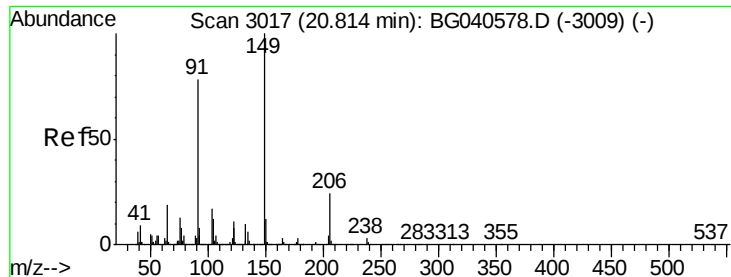
Ion Ratio Lower Upper

244 100

212 9.9 7.2 10.8

122 8.8 6.6 10.0

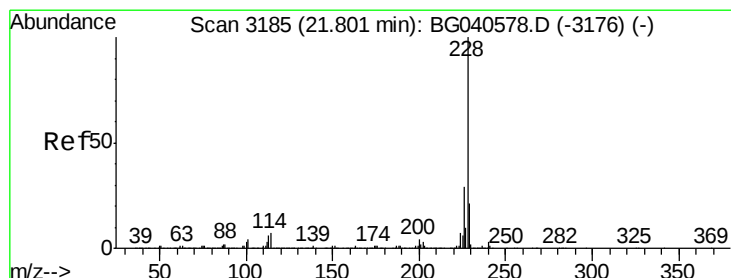
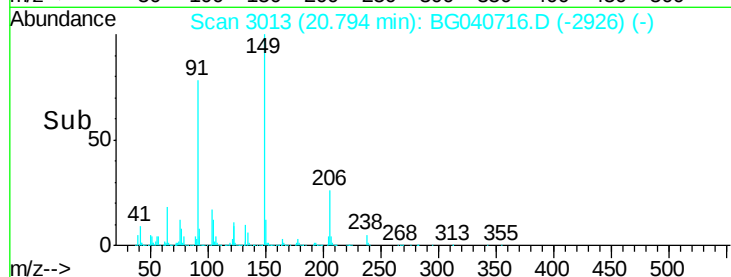
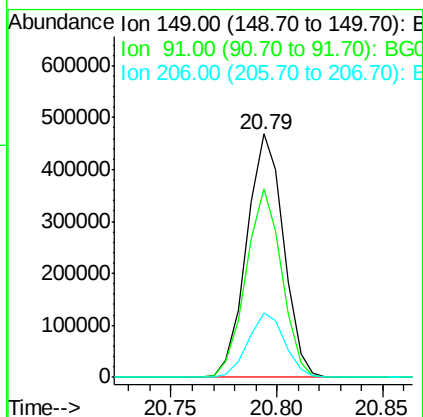
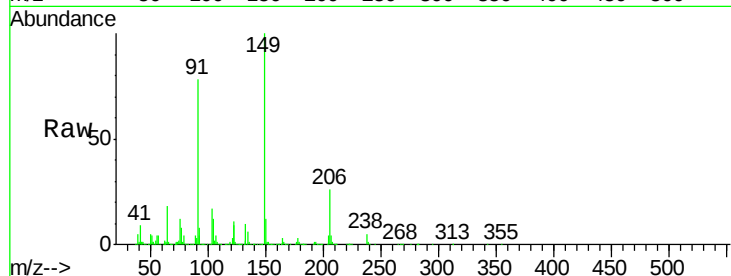




#80
Butylbenzylphthalate
Concen: 57.875 ng
RT: 20.79 min Scan# 3013
Delta R.T. -0.02 min
Lab File: BG040716.D
Acq: 2 May 2019 20:54

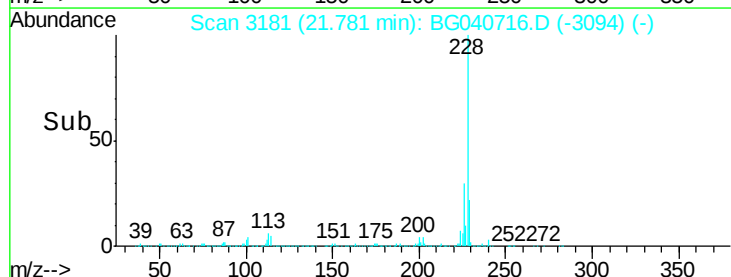
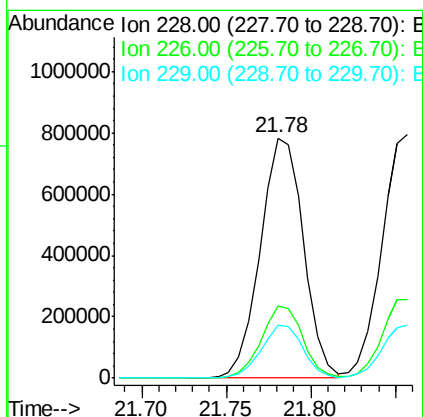
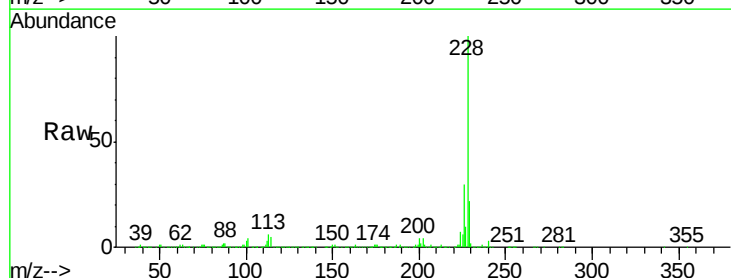
Instrument :
BNA_G
ClientSampleId :
TR-04-043019MSD

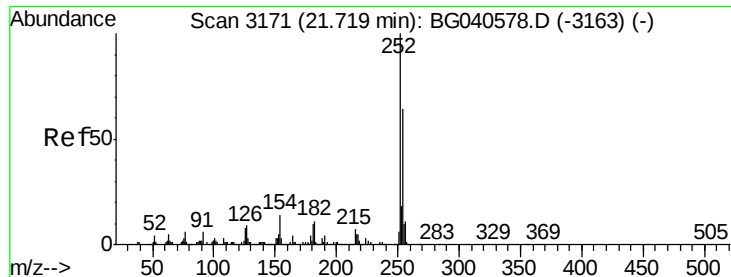
Tot Ion:149 Resp: 567204
Ion Ratio Lower Upper
149 100
91 77.7 62.6 93.8
206 26.2 19.4 29.2



#81
Benzo(a)anthracene
Concen: 54.793 ng
RT: 21.78 min Scan# 3181
Delta R.T. -0.02 min
Lab File: BG040716.D
Acq: 2 May 2019 20:54

Tgt Ion:228 Resp: 1389336
Ion Ratio Lower Upper
228 100
226 30.1 23.1 34.7
229 22.2 17.0 25.4

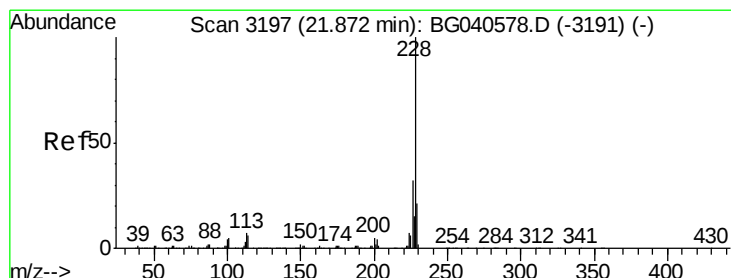
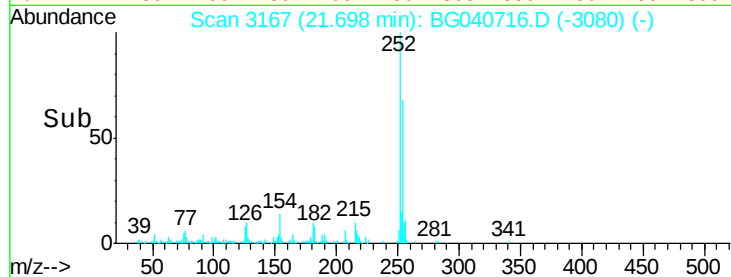
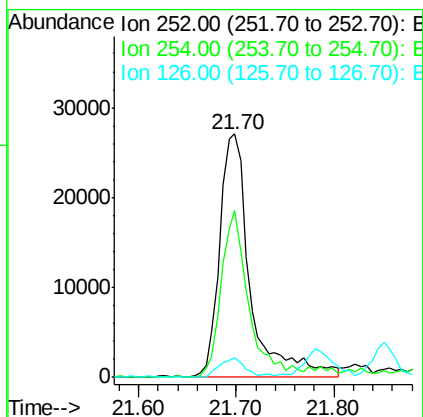
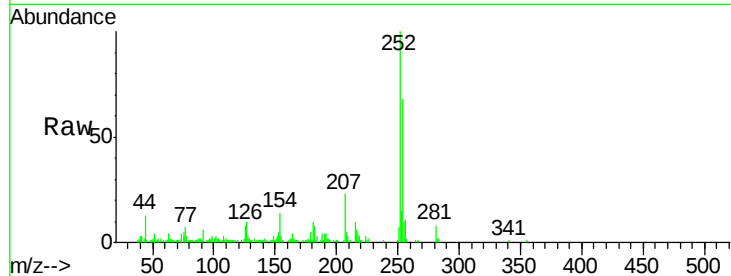




#82
 3,3'-Dichlorobenzidine
 Concen: 6.580 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.02 min
 Lab File: BG040716.D
 Acq: 2 May 2019 20:54

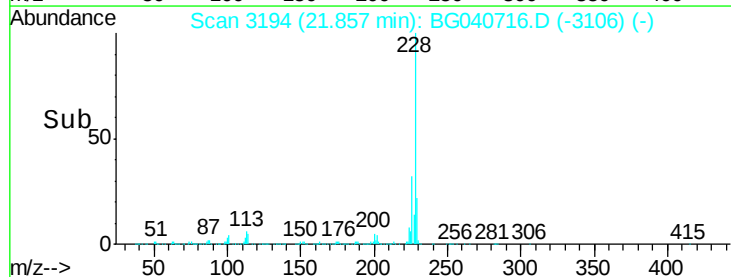
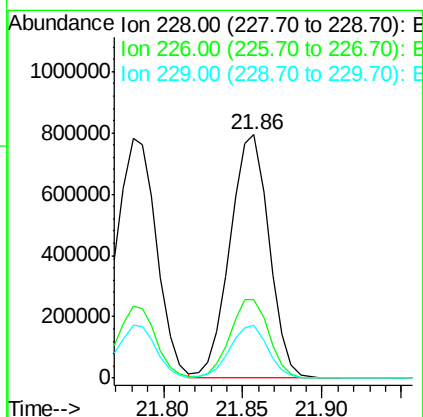
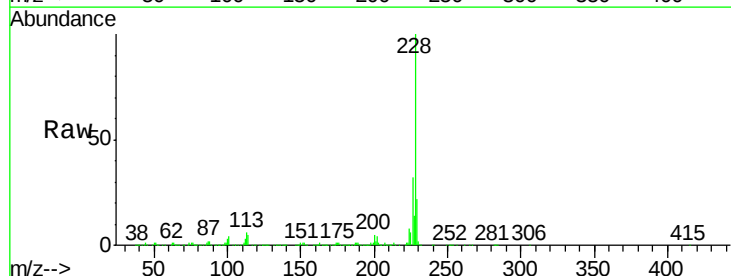
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-043019MSD

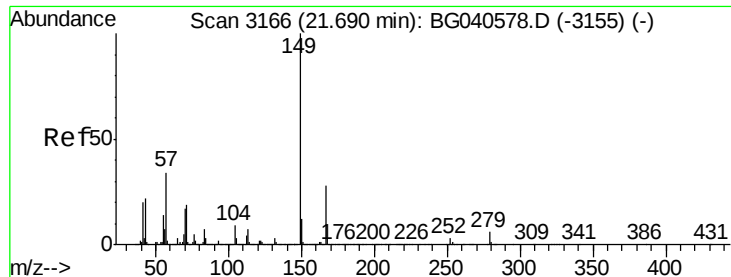
Tot Ion:252 Resp: 59463
 Ion Ratio Lower Upper
 252 100
 254 68.4 51.2 76.8
 126 8.3 6.6 10.0



#83
 Chrysene
 Concen: 56.141 ng
 RT: 21.86 min Scan# 3194
 Delta R.T. -0.01 min
 Lab File: BG040716.D
 Acq: 2 May 2019 20:54

Tgt Ion:228 Resp: 1353803
 Ion Ratio Lower Upper
 228 100
 226 32.4 25.5 38.3
 229 21.9 16.8 25.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 55.109 ng

RT: 21.66 min Scan# 3160

Delta R.T. -0.03 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

Instrument :

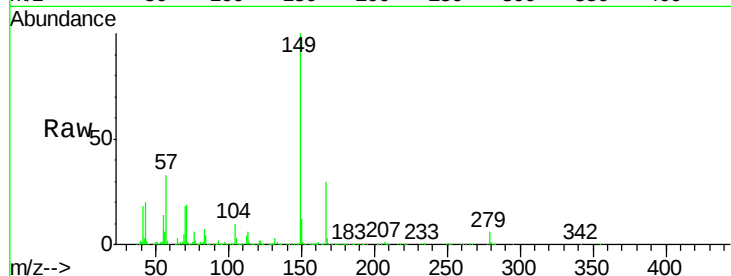
BNA_G

ClientSampleId :

TR-04-043019MSD

Tot Ion:149 Resp: 779627

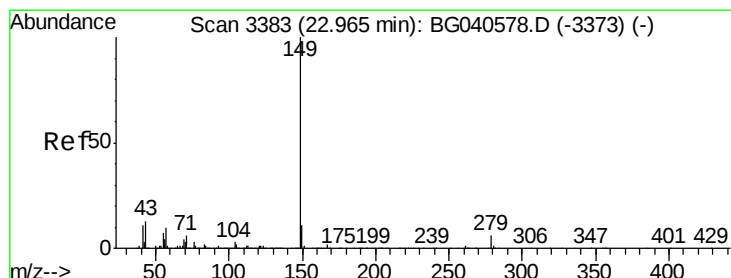
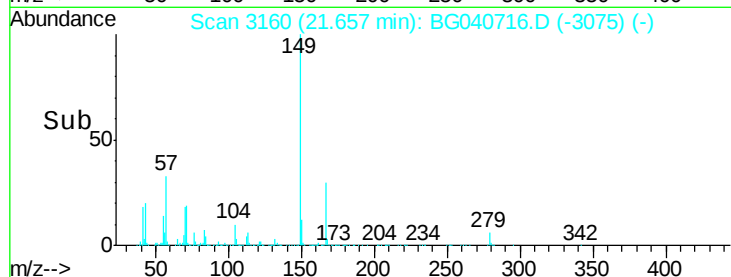
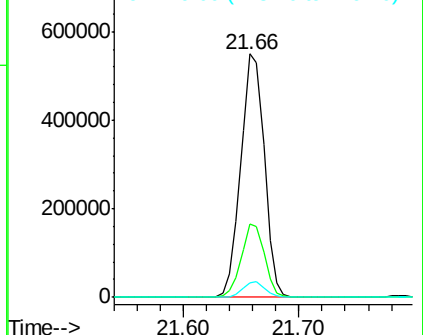
Ion	Ratio	Lower	Upper
149	100		
167	29.9	22.4	33.6
279	5.9	4.6	6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 55.790 ng

RT: 22.91 min Scan# 3374

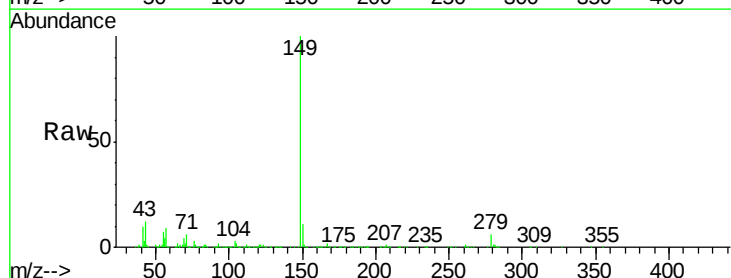
Delta R.T. -0.05 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

Tgt Ion:149 Resp: 1329234

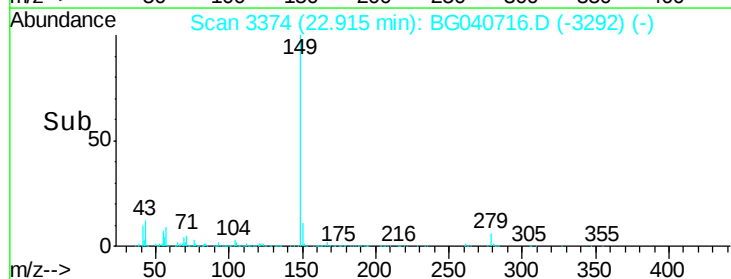
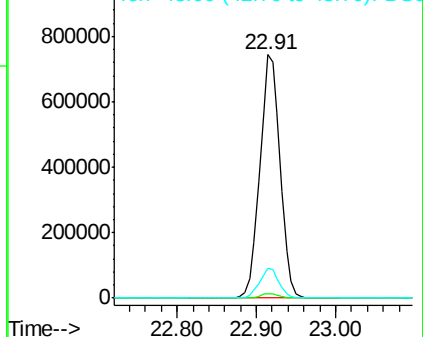
Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.2
43	11.9	10.2	15.2

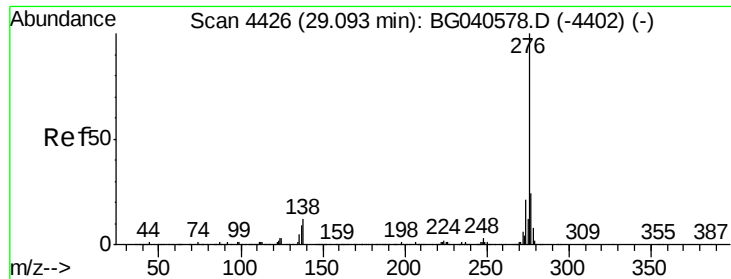


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

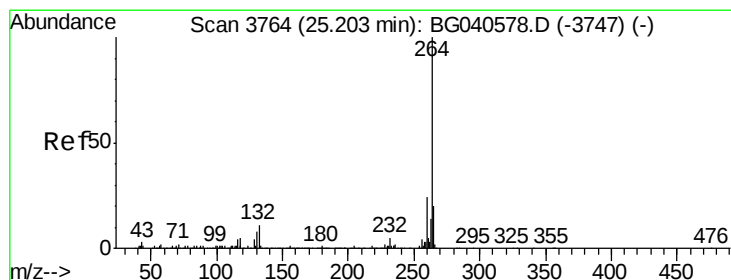
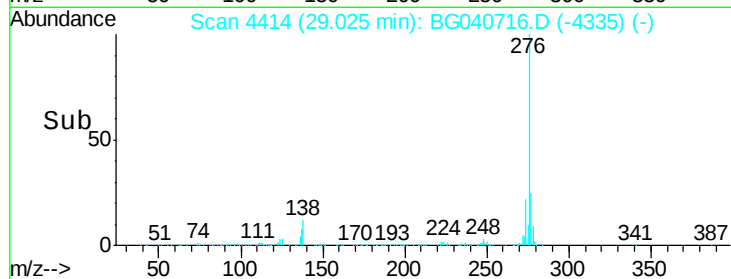
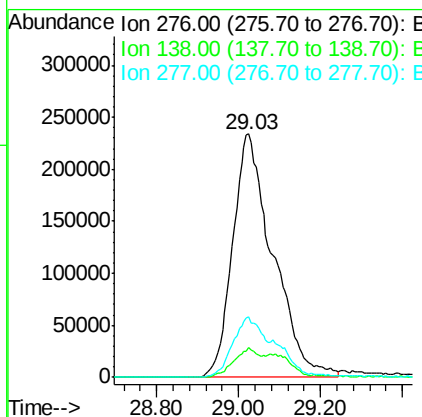
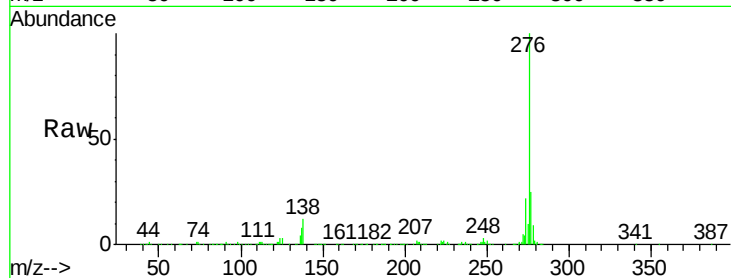




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 54.647 ng
 RT: 29.03 min Scan# 4414
 Delta R.T. -0.07 min
 Lab File: BG040716.D
 Acq: 2 May 2019 20:54

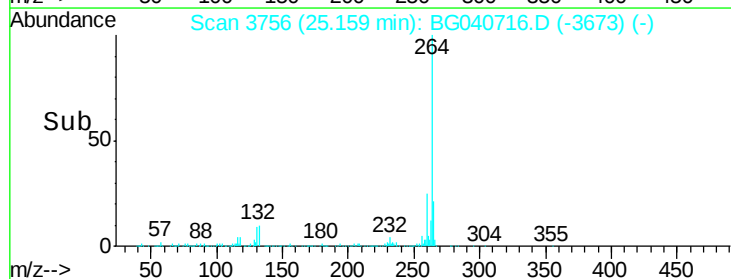
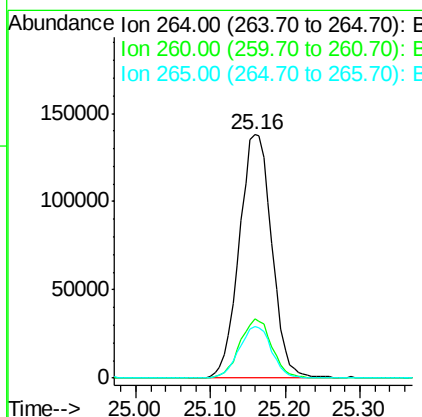
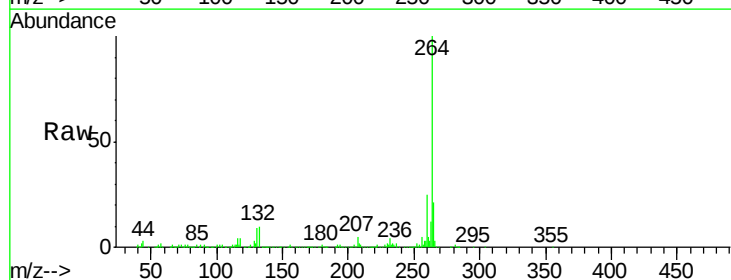
Instrument :
 BNA_G
 ClientSampleId :
 TR-04-043019MSD

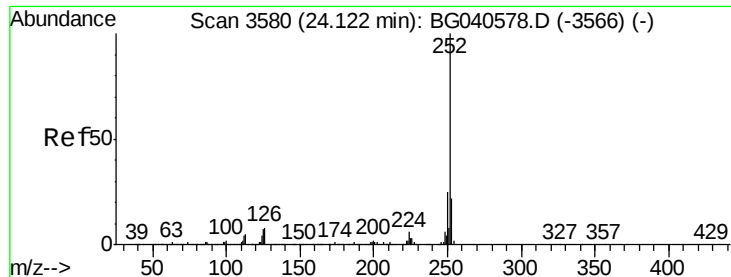
Tot Ion:276 Resp: 1593268
 Ion Ratio Lower Upper
 276 100
 138 8.3 9.8 14.6#
 277 25.6 17.3 25.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.16 min Scan# 3756
 Delta R.T. -0.04 min
 Lab File: BG040716.D
 Acq: 2 May 2019 20:54

Tgt Ion:264 Resp: 417576
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 21.1 16.6 25.0





#88

Benzo(b)fluoranthene

Concen: 56.581 ng

RT: 24.09 min Scan# 3574

Delta R.T. -0.03 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MSD

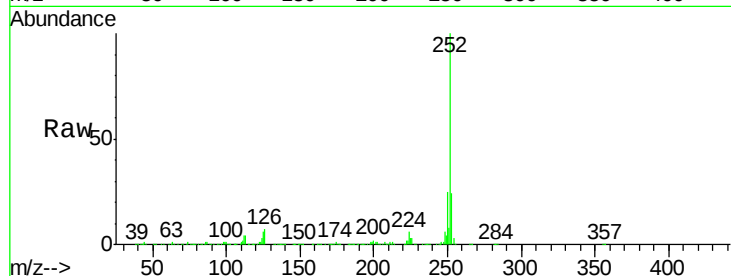
Tot Ion:252 Resp: 1443811

Ion Ratio Lower Upper

252 100

253 23.7 17.6 26.4

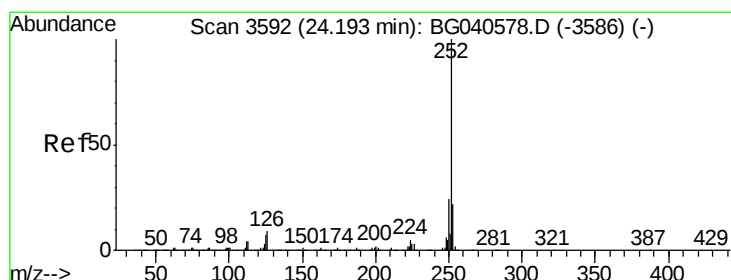
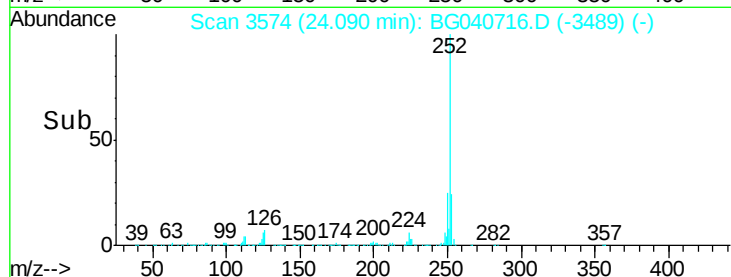
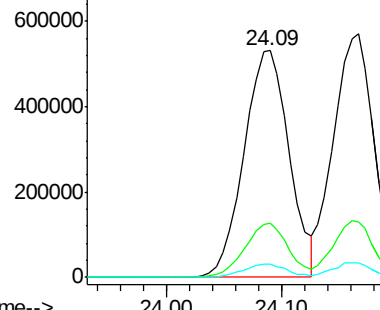
125 5.7 5.4 8.0



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: 58.369 ng

RT: 24.17 min Scan# 3587

Delta R.T. -0.03 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

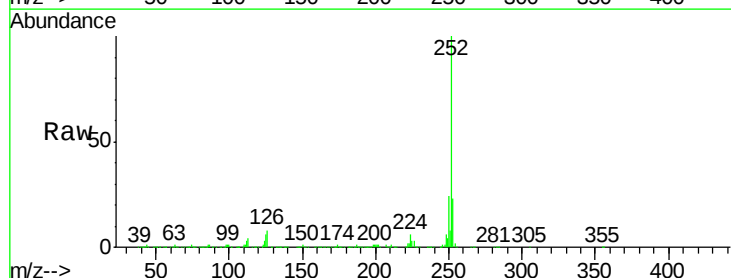
Tgt Ion:252 Resp: 1390968

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

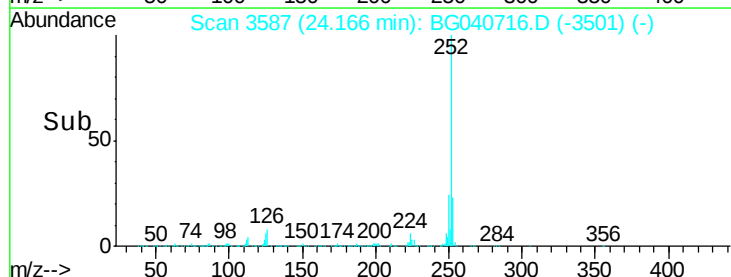
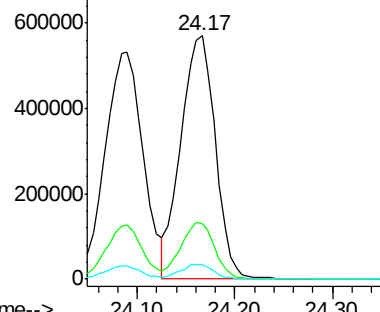
125 5.7 5.5 8.3

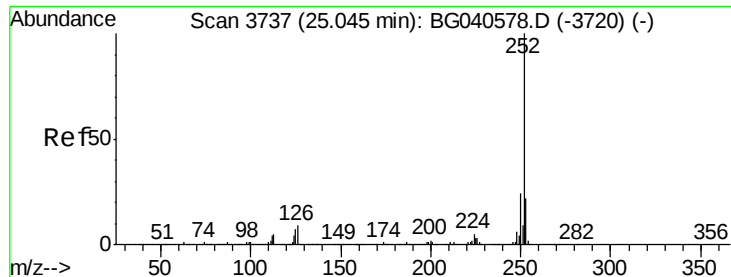


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 56.532 ng

RT: 25.01 min Scan# 3730

Delta R.T. -0.04 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

Instrument :

BNA_G

ClientSampleId :

TR-04-043019MSD

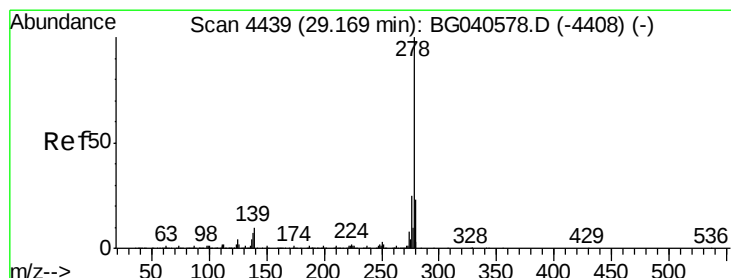
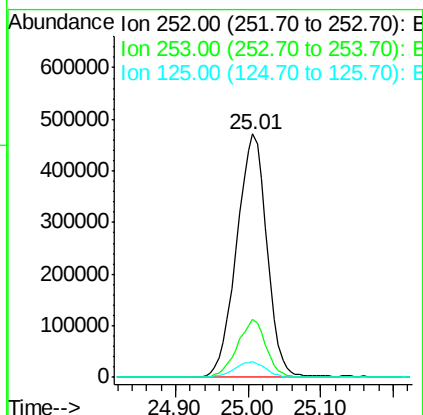
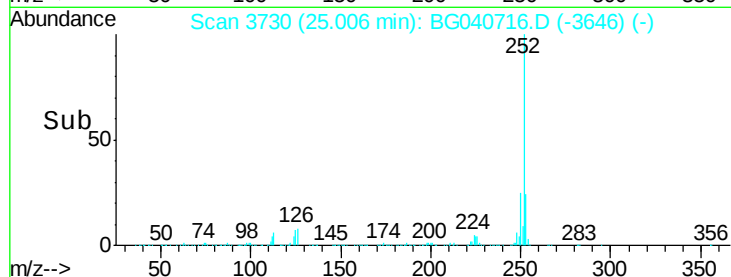
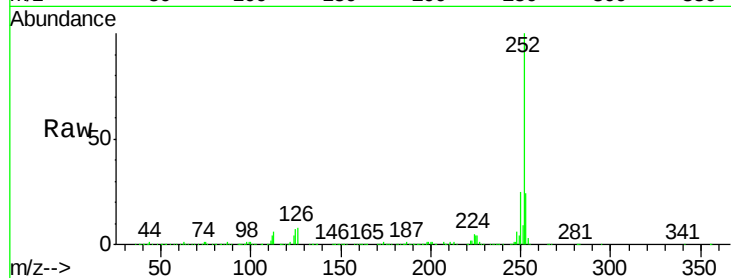
Tot Ion:252 Resp: 1365507

Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.6

125 6.7 5.7 8.5



#91

Dibenzo(a,h)anthracene

Concen: 54.350 ng

RT: 29.11 min Scan# 4428

Delta R.T. -0.06 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

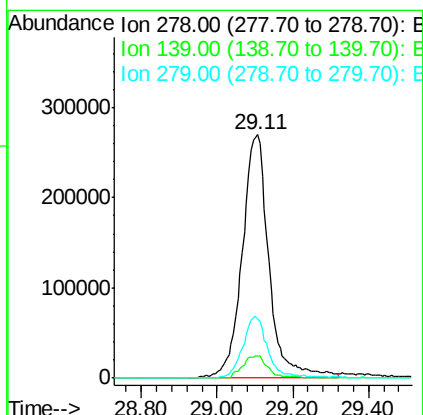
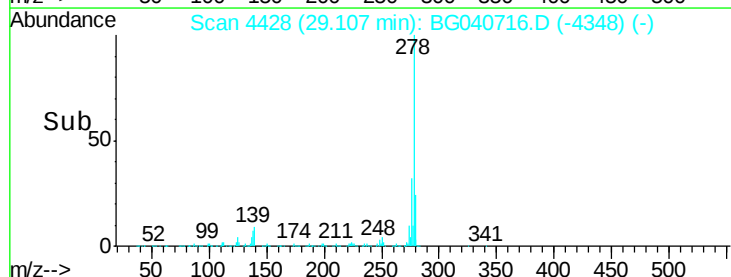
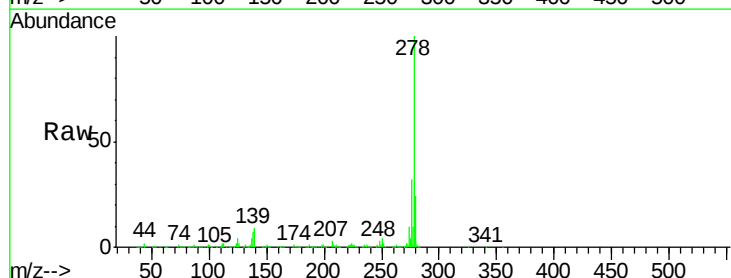
Tgt Ion:278 Resp: 1328498

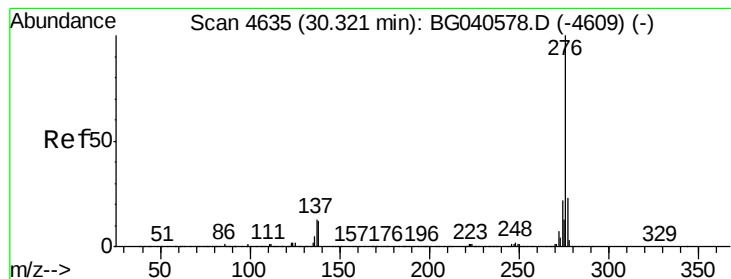
Ion Ratio Lower Upper

278 100

139 9.3 8.2 12.4

279 24.2 18.5 27.7





#92

Benzo(a,h,i)perylene

Concen: 52.197 ng

RT: 30.25 min Scan# 4622

Delta R.T. -0.07 min

Lab File: BG040716.D

Acq: 2 May 2019 20:54

Instrument :

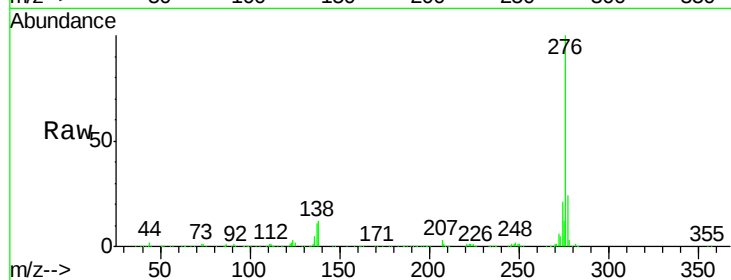
BNA_G

ClientSampleId :

TR-04-043019MSD

Tot Ion:276 Resp: 1269809

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.4	27.6
138	11.5	9.8	14.6



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

