

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100519\
 Data File : BG043054.D
 Acq On : 5 Oct 2019 14:16
 Operator : JU
 Sample : K5168-04MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MS

Quant Time: Oct 06 23:53:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	62956	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	237908	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	171071	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	406565	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	439022	20.00	ng	-0.02
87) Perylene-d12	24.92	264	512325	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	412894	117.04	ng	-0.01
7) Phenol-d6	7.24	99	594861	117.10	ng	0.00
23) Nitrobenzene-d5	9.22	82	368125	75.21	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	349974	118.97	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	831660	70.48	ng	-0.01
79) Terphenyl-d14	20.03	244	1488489	72.25	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.54	88	50781	34.526	ng 90
3) Pyridine	3.94	79	127800	30.894	ng 93
4) n-Nitrosodimethylamine	3.85	42	78133	39.276	ng 86
6) Aniline	7.39	93	222340	36.257	ng 99
8) 2-Chlorophenol	7.63	128	180688	49.114	ng 98
9) Benzaldehyde	7.19	77	113670	36.617	ng 89
10) Phenol	7.27	94	247184	53.034	ng 97
11) bis(2-Chloroethyl)ether	7.48	93	152346	42.246	ng 94
12) 1,3-Dichlorobenzene	7.95	146	194737	41.494	ng 95
13) 1,4-Dichlorobenzene	8.09	146	198954	42.525	ng 97
14) 1,2-Dichlorobenzene	8.42	146	188268	42.268	ng 95
15) Benzyl Alcohol	8.30	79	175922	46.060	ng 93
16) 2,2'-oxybis(1-Chloropropan	8.59	45	237971	34.361	ng 97
17) 2-Methylphenol	8.51	107	154695	47.435	ng 96
18) Hexachloroethane	9.15	117	71062	40.331	ng 99
19) n-Nitroso-di-n-propylamine	8.86	70	140800	42.210	ng 92
20) 3+4-Methylphenols	8.84	107	215361	48.188	ng 97
22) Acetophenone	8.88	105	270275	44.072	ng # 95
24) Nitrobenzene	9.26	77	214107	45.859	ng 97
25) Isophorone	9.79	82	393090	45.720	ng 98
26) 2-Nitrophenol	9.97	139	103741	52.197	ng 97
27) 2,4-Dimethylphenol	10.04	122	171069	56.047	ng 99
28) bis(2-Chloroethoxy)methane	10.27	93	219290	44.954	ng 100
29) 2,4-Dichlorophenol	10.51	162	199012	52.426	ng 96
30) 1,2,4-Trichlorobenzene	10.73	180	220425	44.965	ng 98
31) Naphthalene	10.91	128	552199	47.151	ng 99
32) Benzoic acid	10.19	122	100752	43.319	ng 95
33) 4-Chloroaniline	11.02	127	142383	28.018	ng 96
34) Hexachlorobutadiene	11.20	225	158335	43.137	ng 95
35) Caprolactam	11.80	113	38548	28.796	ng # 87
36) 4-Chloro-3-methylphenol	12.15	107	212210	51.415	ng 94
37) 2-Methylnaphthalene	12.51	142	424037	47.462	ng 96
38) 1-Methylnaphthalene	12.74	142	400070	47.324	ng 99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	279355	43.431	ng 97

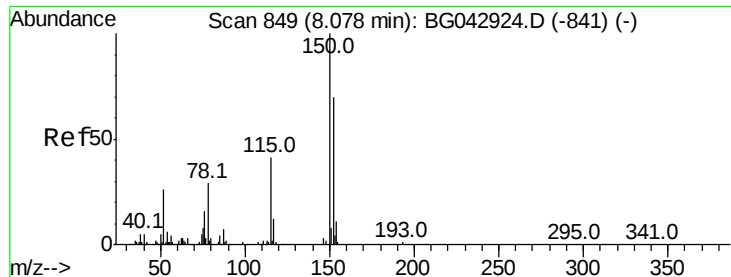
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100519\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	359777	87.787	nq	97
43) 2,4,6-Trichlorophenol	13.12	196	187196	49.723	nq	99
44) 2,4,5-Trichlorophenol	13.20	196	196956	50.784	nq	98
46) 1,1'-Biphenyl	13.52	154	579618	44.678	nq	98
47) 2-Chloronaphthalene	13.56	162	449826	46.247	nq	99
48) 2-Nitroaniline	13.76	65	148502	45.912	nq	89
49) Acenaphthylene	14.40	152	719956	48.374	nq	99
50) Dimethylphthalate	14.14	163	728076	56.802	nq	99
51) 2,6-Dinitrotoluene	14.25	165	139871	51.242	nq	89
52) Acenaphthene	14.74	154	444895	44.659	nq	99
53) 3-Nitroaniline	14.59	138	97580	34.591	nq	92
54) 2,4-Dinitrophenol	14.79	184	139205	82.045	nq	94
55) Dibenzofuran	15.08	168	704898	47.833	nq	99
56) 4-Nitrophenol	14.90	139	215140	100.095	nq	99
57) 2,4-Dinitrotoluene	15.04	165	192368	48.125	nq	94
58) Fluorene	15.73	166	590206	46.911	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.23	232	192443	46.603	nq	92
60) Diethylphthalate	15.50	149	590896	45.298	nq	99
61) 4-Chlorophenyl-phenylether	15.72	204	346859	45.969	nq	100
62) 4-Nitroaniline	15.76	138	140532	45.678	nq	98
63) Azobenzene	16.01	77	523631	44.091	nq	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	114302	49.683	nq	96
66) n-Nitrosodiphenylamine	15.93	169	532009	49.569	nq	99
67) 4-Bromophenyl-phenylether	16.61	248	241631	47.353	nq	97
68) Hexachlorobenzene	16.74	284	266735	46.947	nq	95
69) Atrazine	16.88	200	202351	44.773	nq	97
70) Pentachlorophenol	17.08	266	313911	95.751	nq	99
71) Phenanthrene	17.47	178	958704	48.301	nq	97
72) Anthracene	17.56	178	959407	48.418	nq	97
73) Carbazole	17.83	167	876322	47.691	nq	99
74) Di-n-butylphthalate	18.38	149	1005743	45.875	nq	99
75) Fluoranthene	19.47	202	1282075	48.835	nq	99
77) Benzidine	19.65	184	546793	49.742	nq	98
78) Pyrene	19.83	202	1281674	48.912	nq	99
80) Butylbenzylphthalate	20.72	149	467056	46.958	nq	97
81) Benzo(a)anthracene	21.68	228	1296127	47.382	nq	98
82) 3,3'-Dichlorobenzidine	21.59	252	381341	35.543	nq	99
83) Chrysene	21.74	228	1256809	47.344	nq	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	681349	48.142	nq	100
85) Di-n-octyl phthalate	22.79	149	1156197	49.959	nq	97
86) Indeno(1,2,3-cd)pyrene	28.58	276	1675829	50.710	nq	# 96
88) Benzo(b)fluoranthene	23.90	252	1410958	48.673	nq	99
89) Benzo(k)fluoranthene	23.96	252	1362077	47.496	nq	100
90) Benzo(a)pyrene	24.76	252	1370154	50.098	nq	100
91) Dibenzo(a,h)anthracene	28.65	278	1406163	50.140	nq	98
92) Benzo(g,h,i)perylene	29.73	276	1388289	51.090	nq	98

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

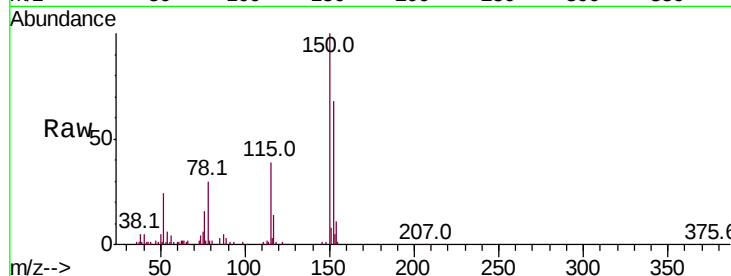


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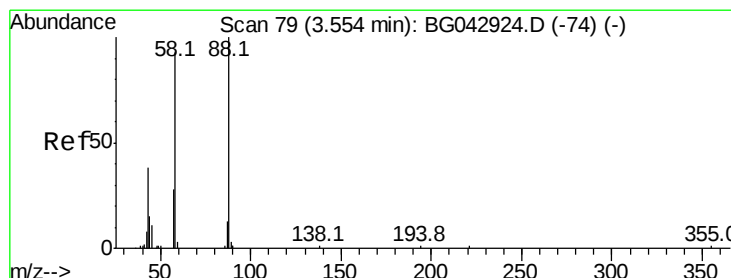
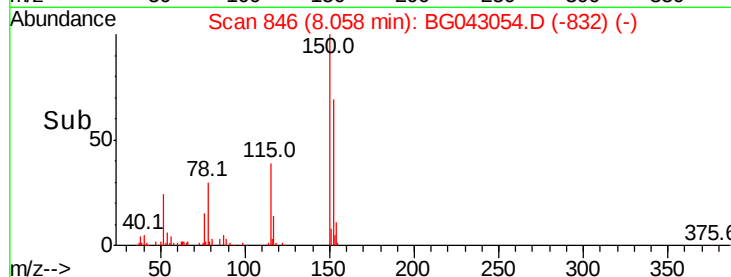
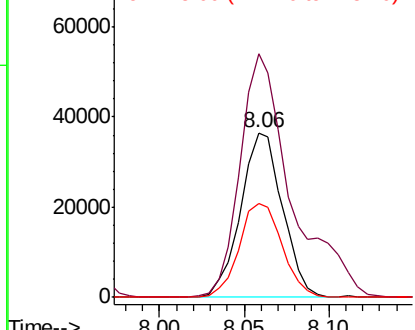
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MS

Tot Ion:152 Resp: 62956
Ion Ratio Lower Upper
152 100
150 147.7 115.0 172.4
115 57.1 47.0 70.6



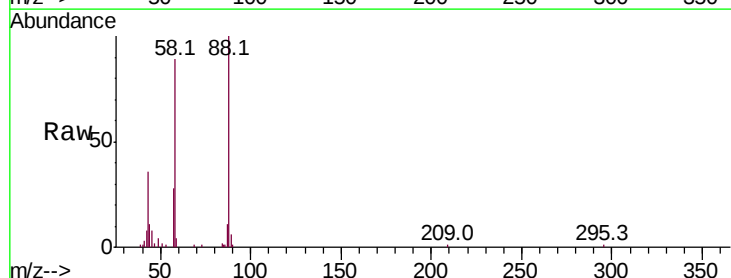
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



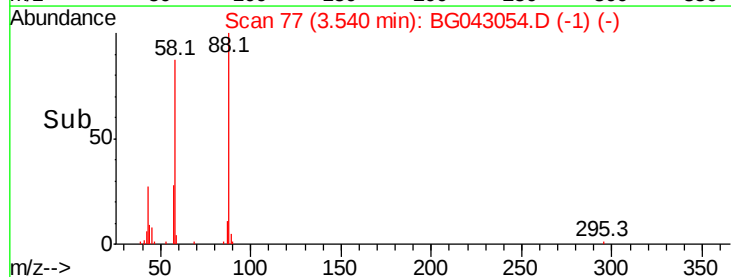
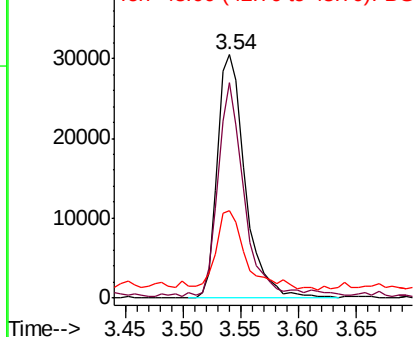
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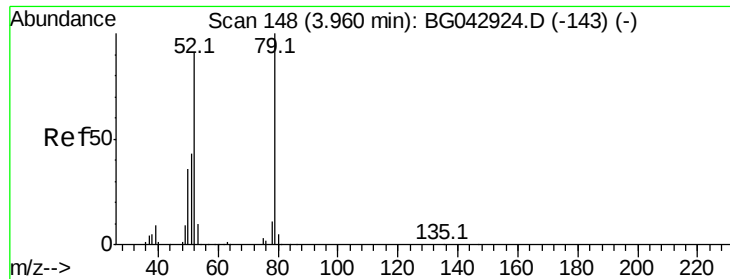
1,4-Dioxane
Concen: 34.526 ng
RT: 3.54 min Scan# 77
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion: 88 Resp: 50781
Ion Ratio Lower Upper
88 100
58 80.9 74.3 111.5
43 35.0 29.8 44.8



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





#3

Pvridine

Concen: 30.894 ng

RT: 3.94 min Scan# 145

Delta R.T. -0.02 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MS

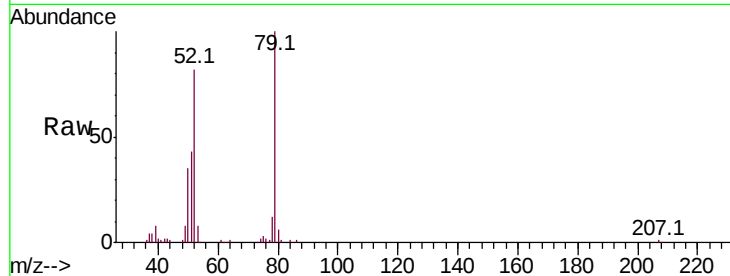
Tot Ion: 79 Resp: 127800

Ion Ratio Lower Upper

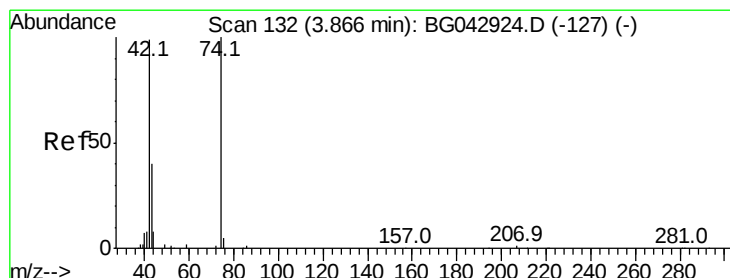
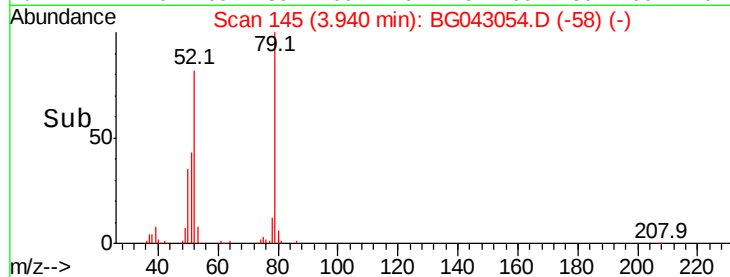
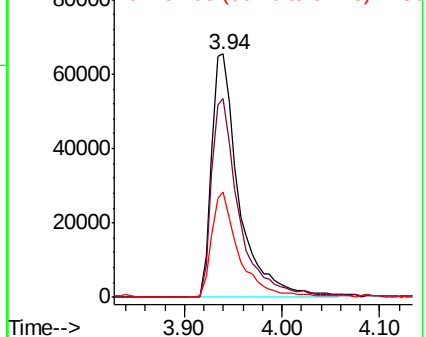
79 100

52 81.7 73.0 109.4

51 43.1 35.1 52.7



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 39.276 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

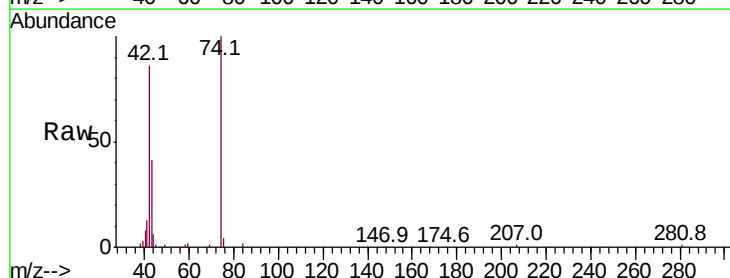
Tgt Ion: 42 Resp: 78133

Ion Ratio Lower Upper

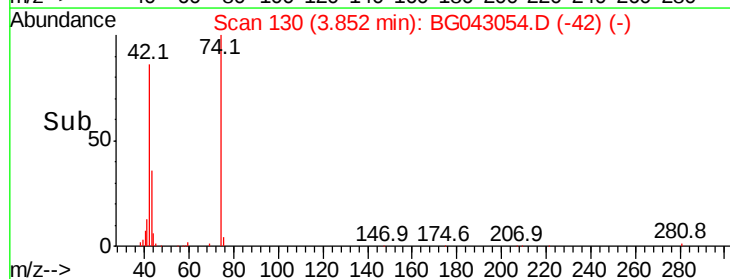
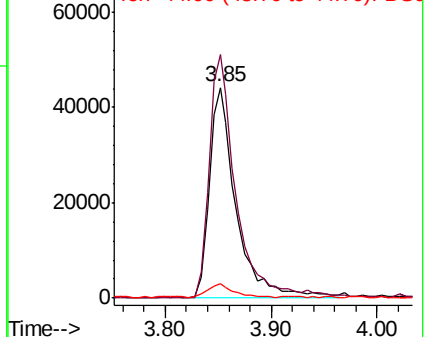
42 100

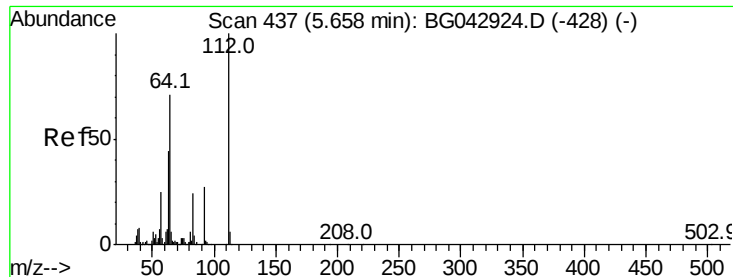
74 115.7 80.5 120.7

44 7.1 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 117.044 ng

RT: 5.64 min Scan# 435

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MS

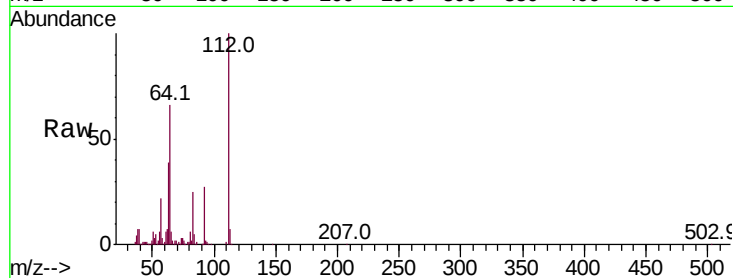
Tot Ion:112 Resp: 412894

Ion Ratio Lower Upper

112 100

64 65.9 56.6 84.8

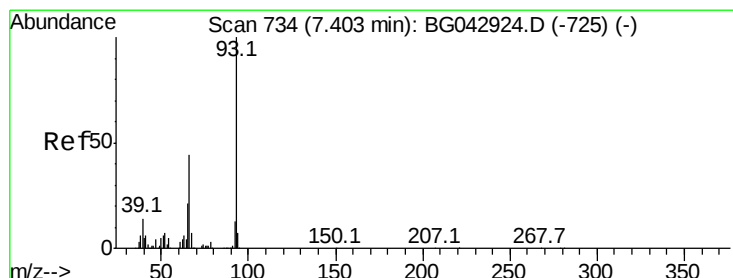
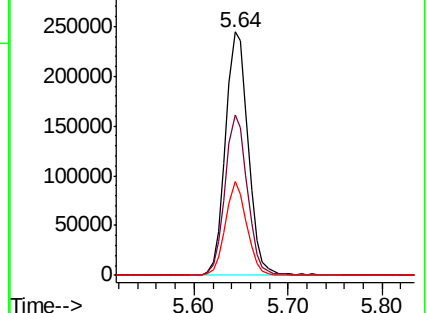
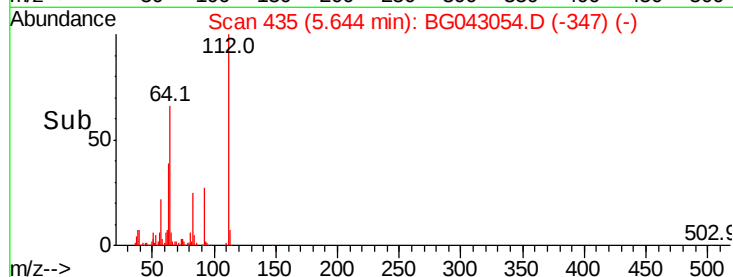
63 38.7 35.1 52.7



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: 36.257 ng

RT: 7.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

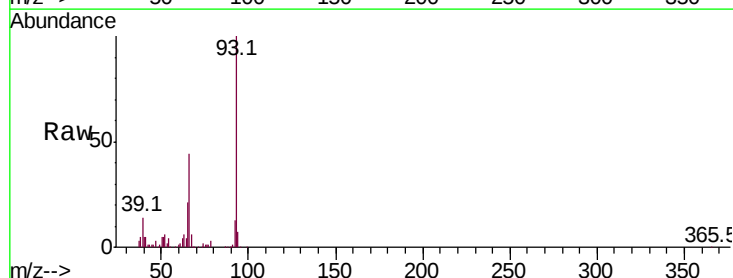
Tgt Ion: 93 Resp: 222340

Ion Ratio Lower Upper

93 100

66 43.8 35.0 52.6

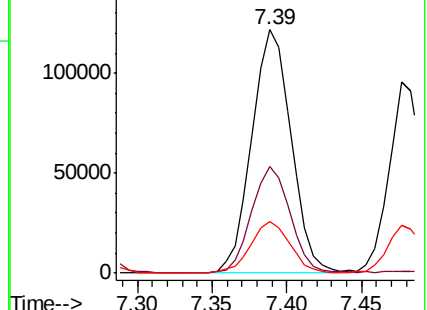
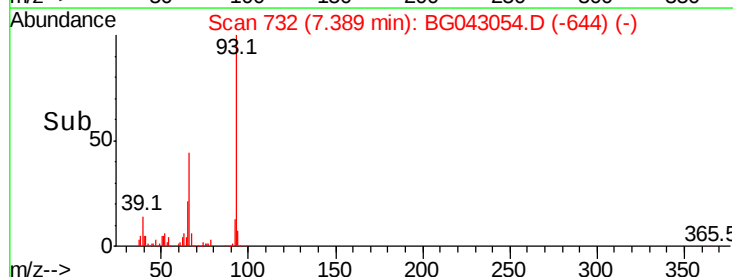
65 21.0 17.4 26.0

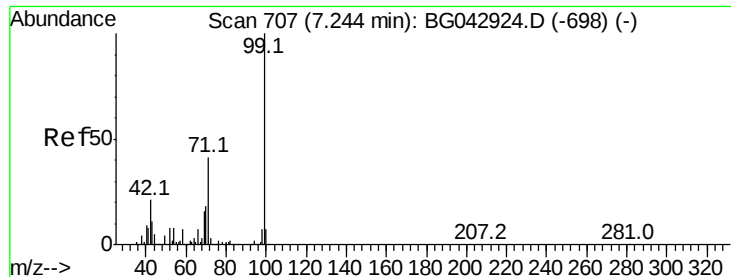


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.097 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

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ClientSampleId :

20190773-SS-COMPOSITE-13MS

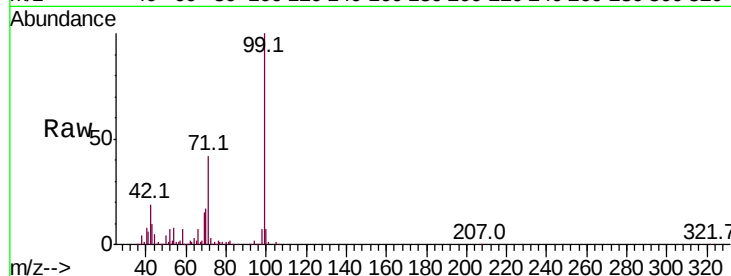
Tot Ion: 99 Resp: 594861

Ion Ratio Lower Upper

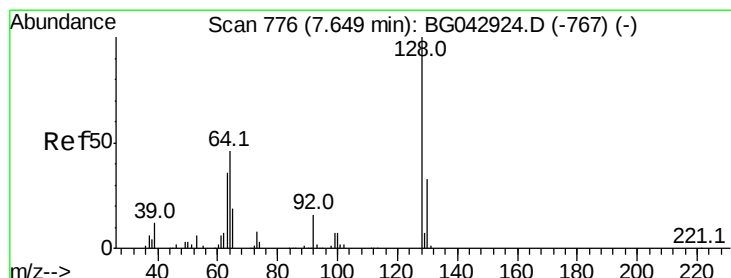
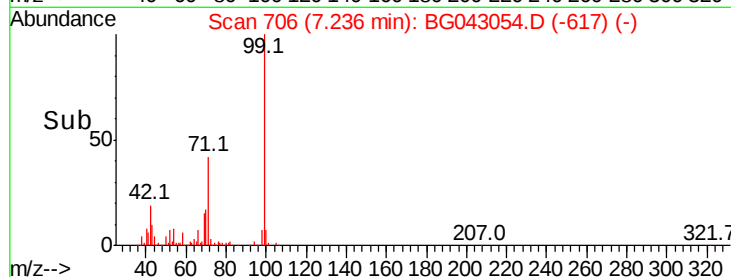
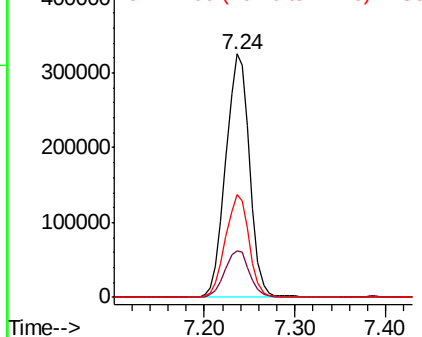
99 100

42 19.0 17.2 25.8

71 42.5 33.1 49.7



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



#8

2-Chlorophenol

Concen: 49.114 ng

RT: 7.63 min Scan# 773

Delta R.T. -0.02 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

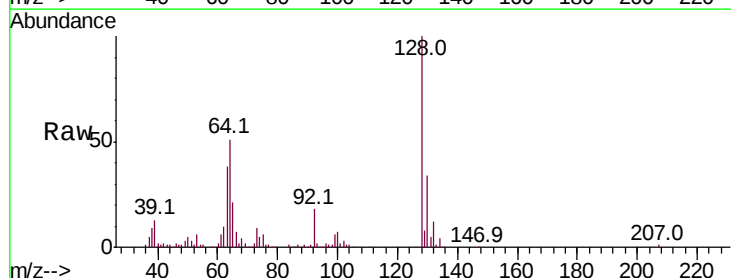
Tgt Ion: 128 Resp: 180688

Ion Ratio Lower Upper

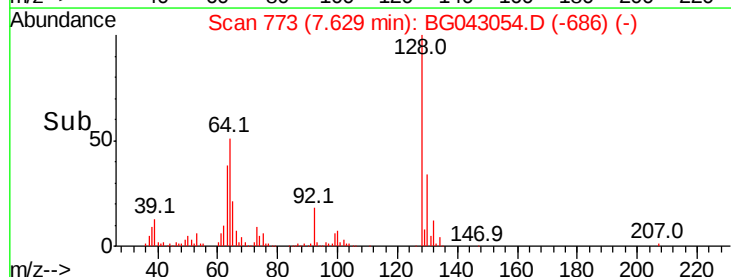
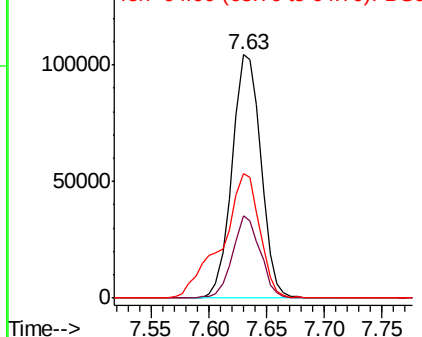
128 100

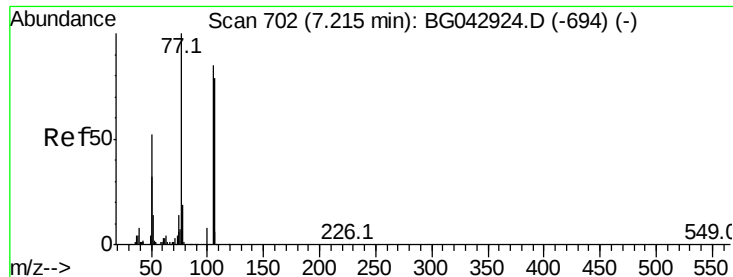
130 33.7 12.5 52.5

64 51.1 32.8 72.8



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





#9

Benzaldehyde

Concen: 36.617 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MS

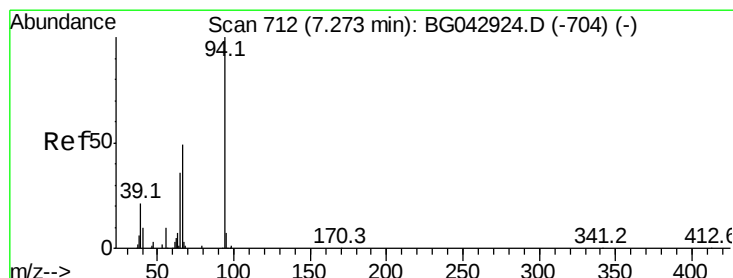
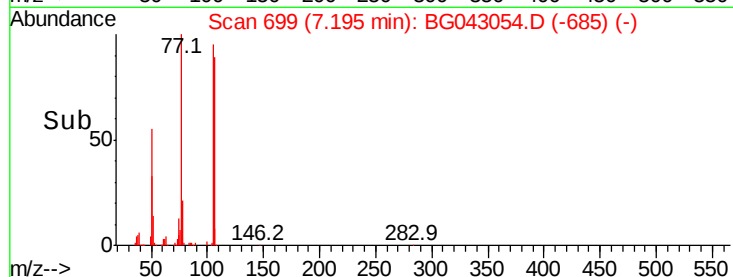
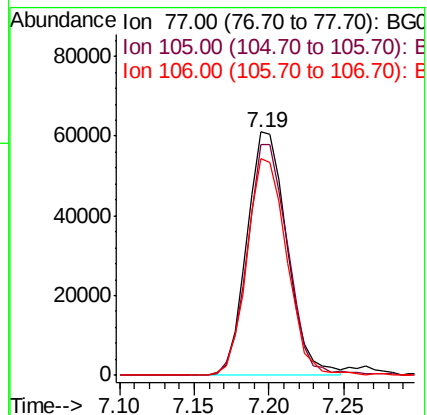
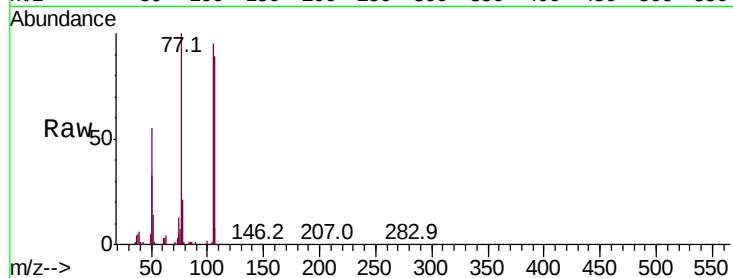
Tot Ion: 77 Resp: 113670

Ion Ratio Lower Upper

77 100

105 94.7 64.6 104.6

106 89.2 59.4 99.4



#10

Phenol

Concen: 53.034 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

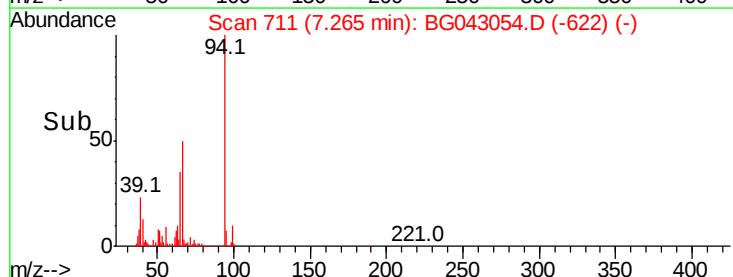
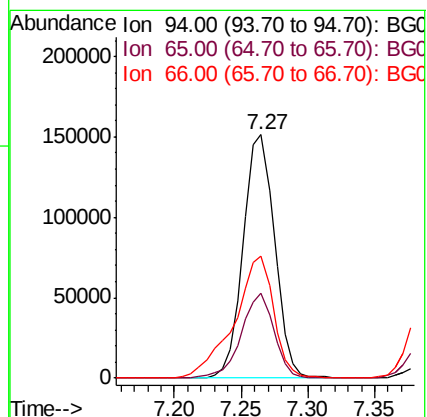
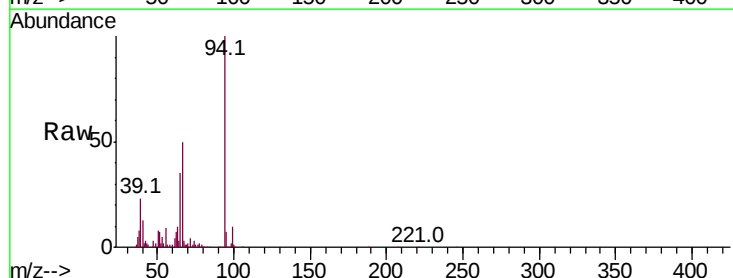
Tgt Ion: 94 Resp: 247184

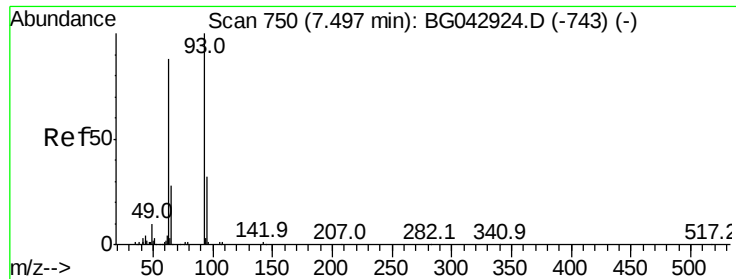
Ion Ratio Lower Upper

94 100

65 34.8 16.6 56.6

66 50.2 32.4 72.4

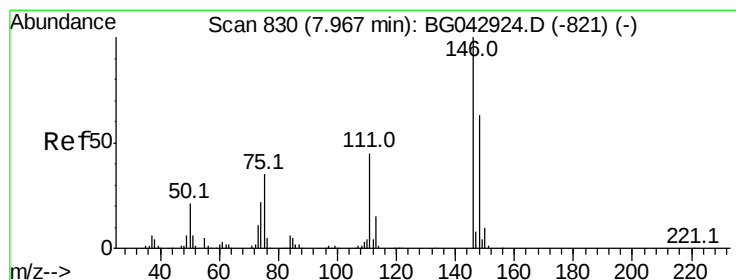
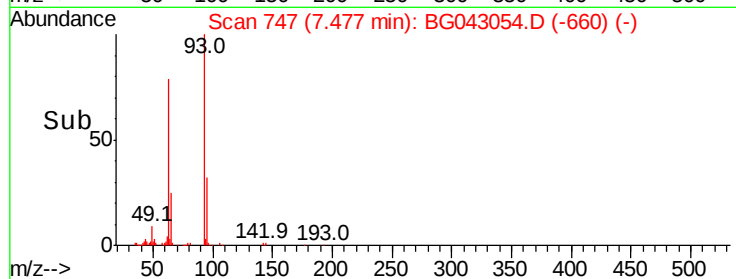
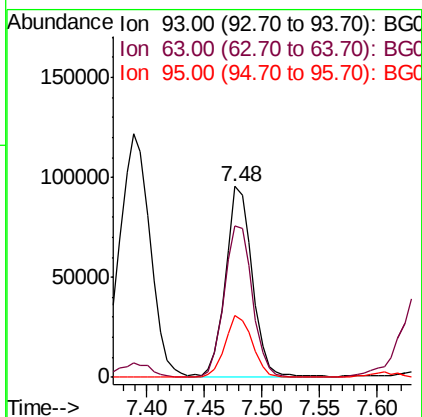
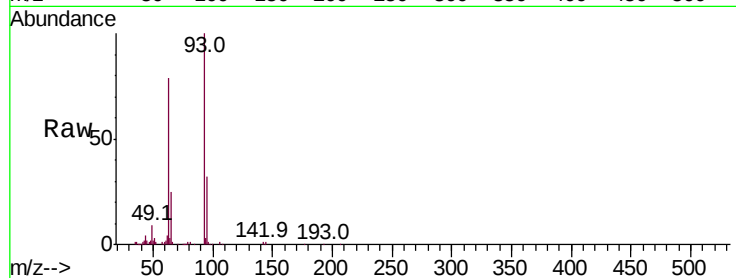




#11
bis(2-Chloroethyl)ether
Concen: 42.246 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.02 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

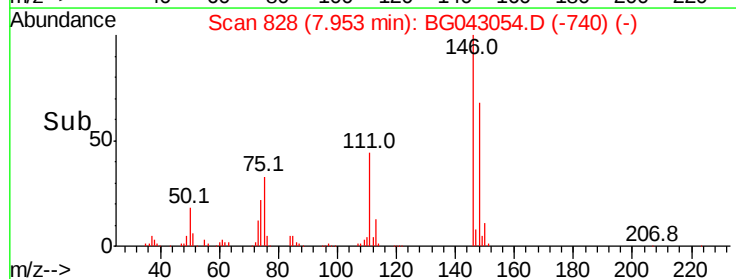
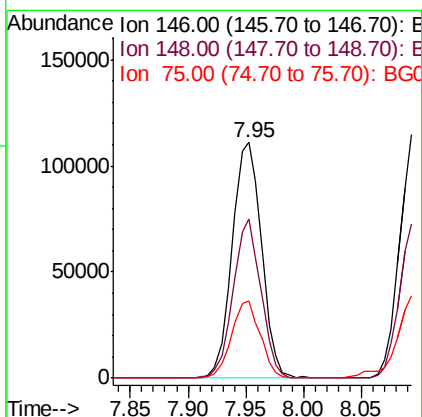
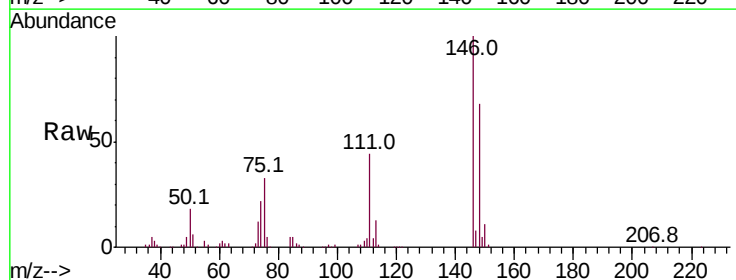
Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MS

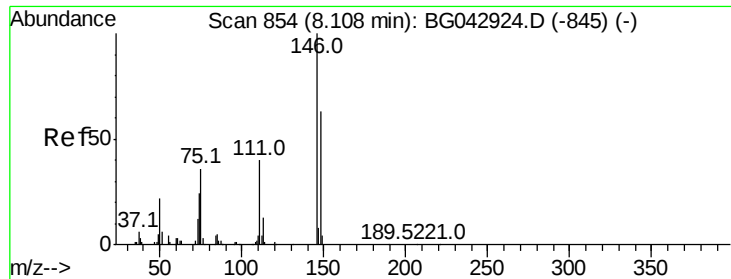
Tot Ion: 93 Resp: 152346
Ion Ratio Lower Upper
93 100
63 79.4 67.4 107.4
95 32.1 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 41.494 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion: 146 Resp: 194737
Ion Ratio Lower Upper
146 100
148 67.7 50.7 76.1
75 32.6 27.7 41.5

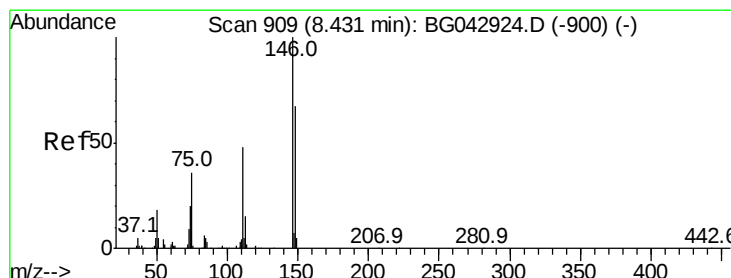
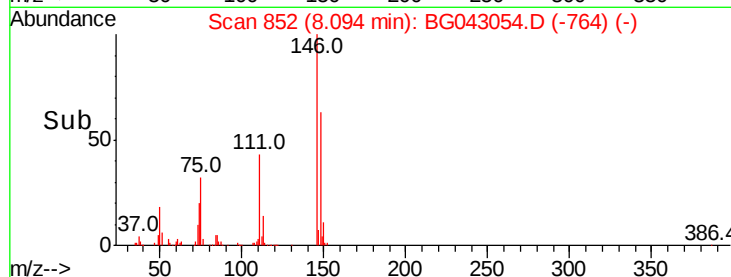
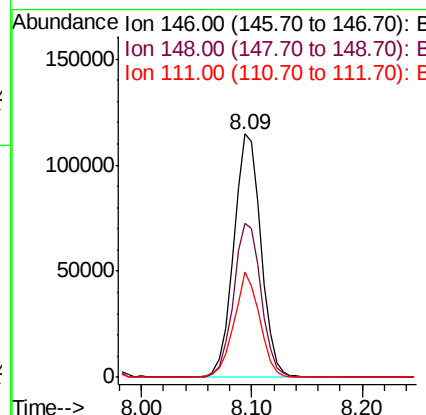
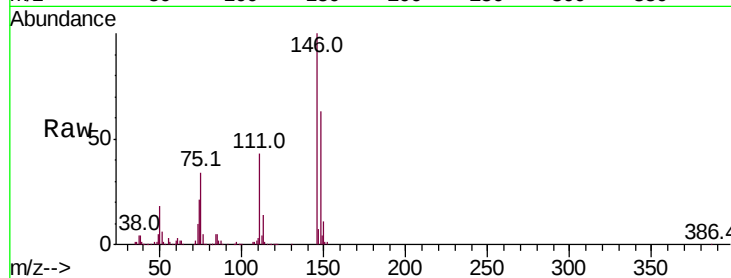




#13
 1,4-Dichlorobenzene
 Concen: 42.525 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

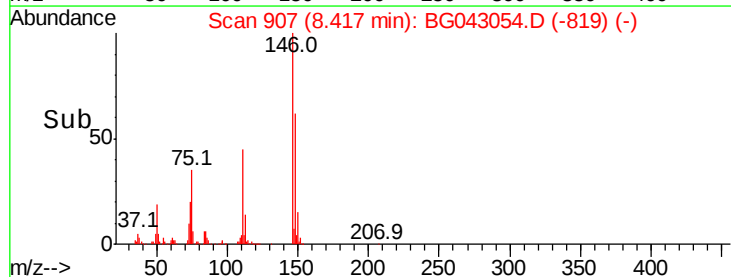
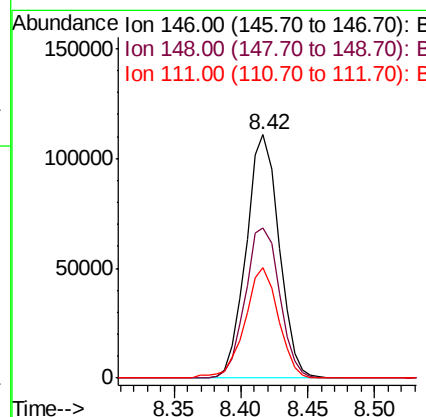
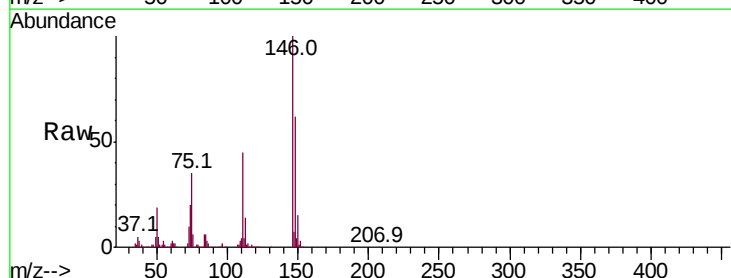
Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MS

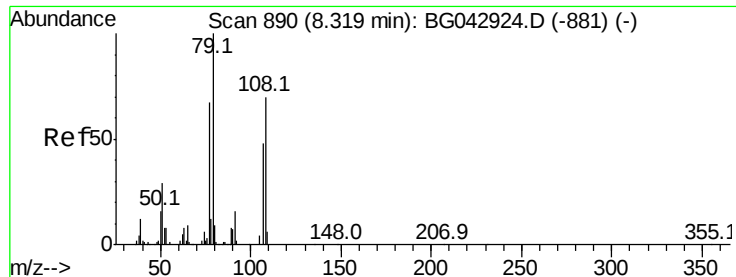
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.9	76.3
111	43.4	31.8	47.8



#14
 1,2-Dichlorobenzene
 Concen: 42.268 ng
 RT: 8.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	53.4	80.2
111	45.4	38.5	57.7





#15

Benzyl Alcohol

Concen: 46.060 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MS

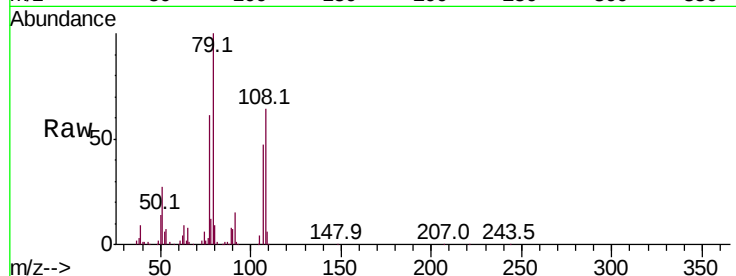
Tot Ion: 79 Resp: 175922

Ion Ratio Lower Upper

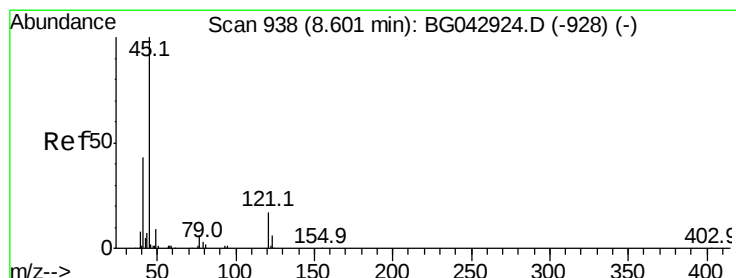
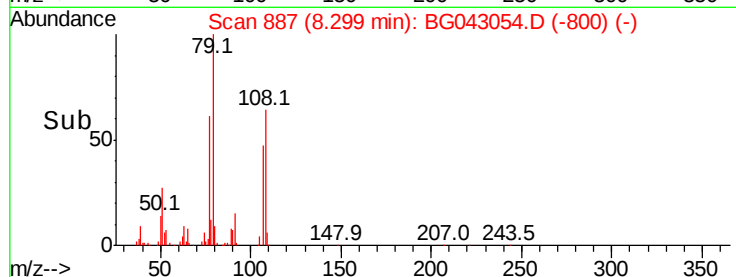
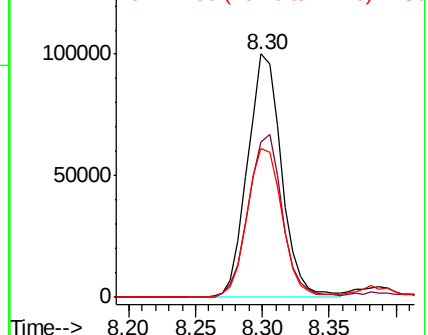
79 100

108 63.9 55.7 83.5

77 61.1 53.3 79.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.361 ng

RT: 8.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

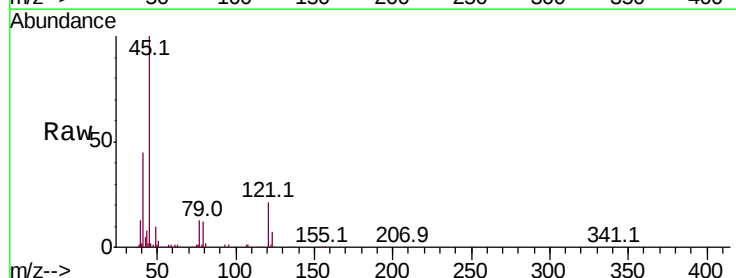
Tgt Ion: 45 Resp: 237971

Ion Ratio Lower Upper

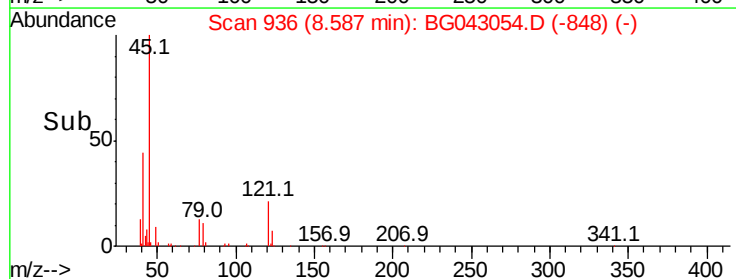
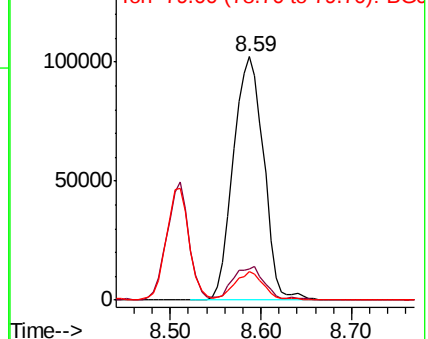
45 100

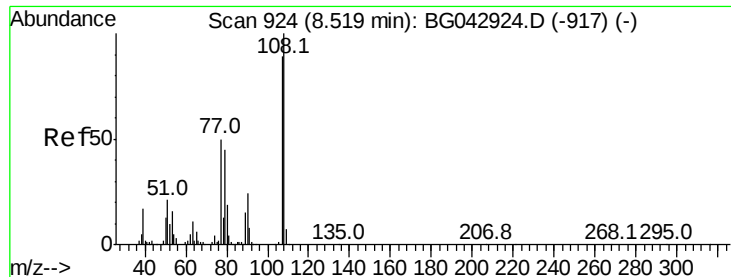
77 12.9 0.0 32.8

79 11.7 0.0 29.4



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

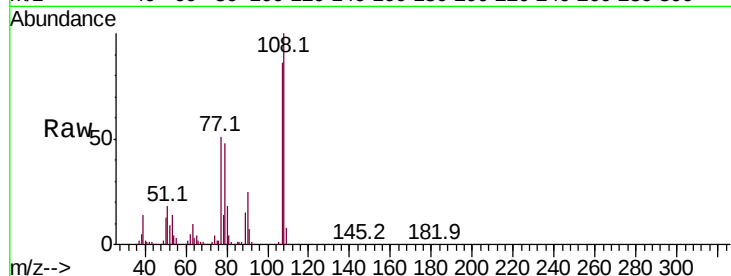




#17
2-Methylphenol
Concen: 47.435 ng
RT: 8.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.9	89.9	134.9
77	58.8	45.4	68.2
79	55.6	41.4	62.0



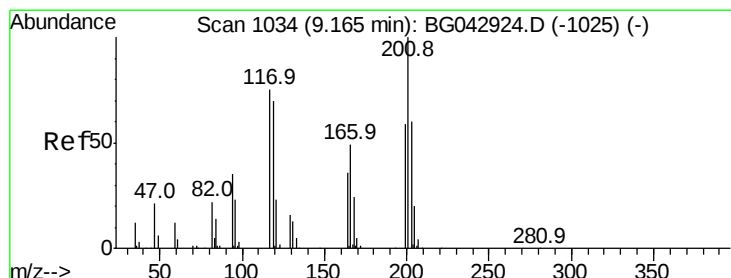
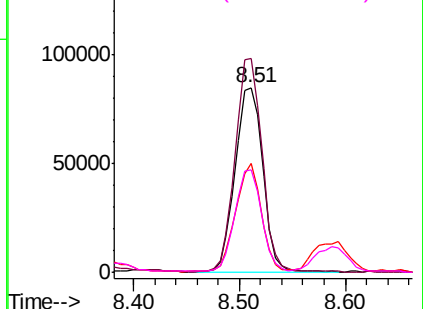
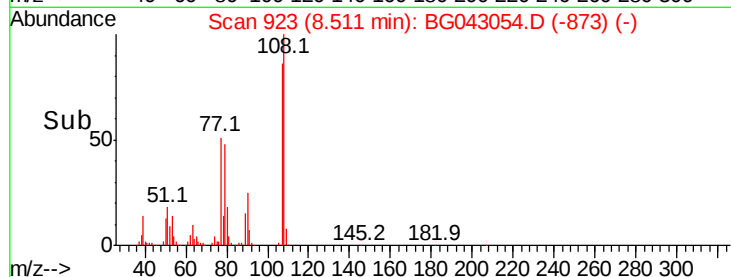
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

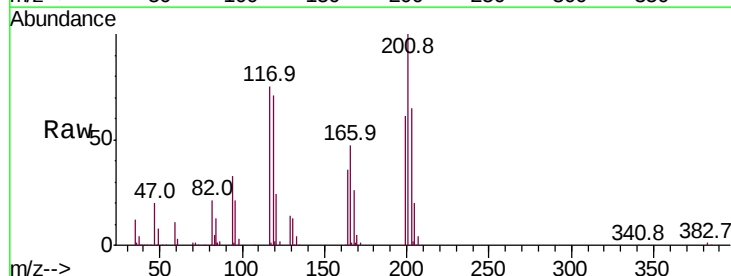
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.331 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	74.6	111.8
201	131.0	106.0	159.0

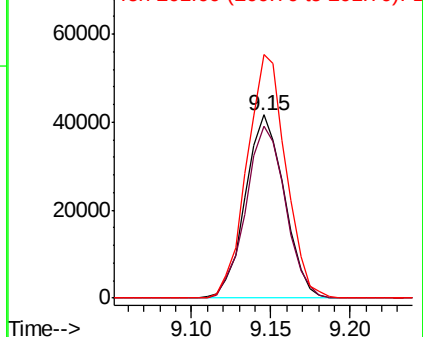
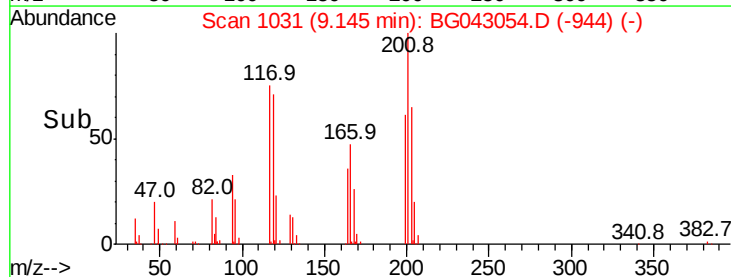


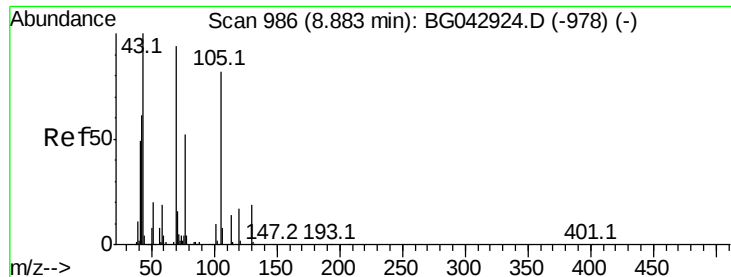
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

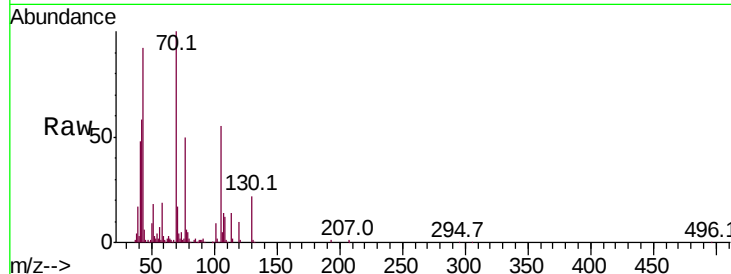




#19
n-Nitroso-di-n-propylamine
Concen: 42.210 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.02 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MS

Tot Ion:	70	Resp:	140800
Ion	Ratio	Lower	Upper
70	100		
42	58.4	52.6	79.0
101	8.9	8.7	13.1
130	21.6	15.8	23.8



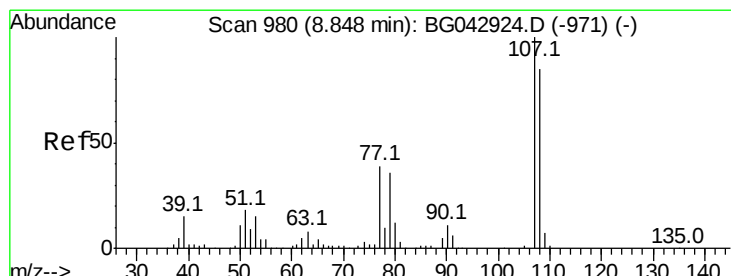
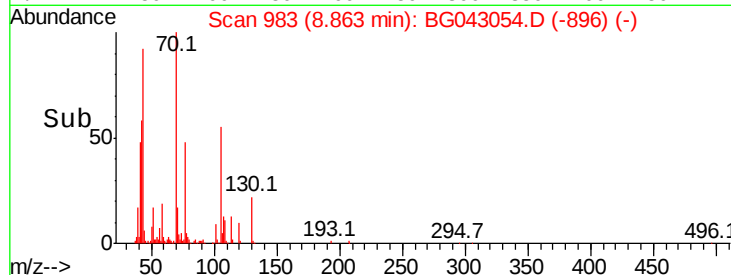
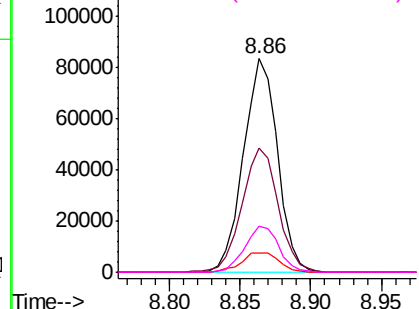
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

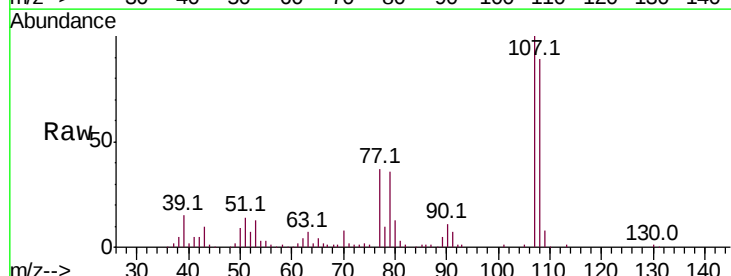
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 48.188 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion:	107	Resp:	215361
Ion	Ratio	Lower	Upper
107	100		
108	89.0	64.9	104.9
77	37.2	19.4	59.4
79	35.9	16.2	56.2



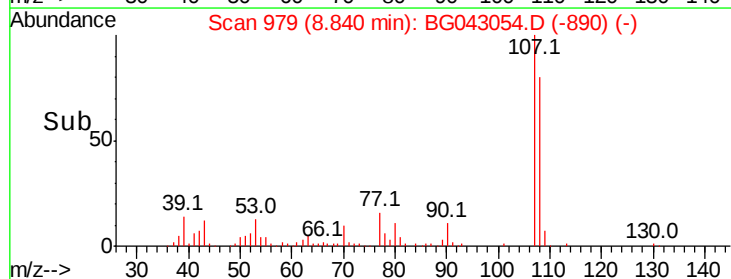
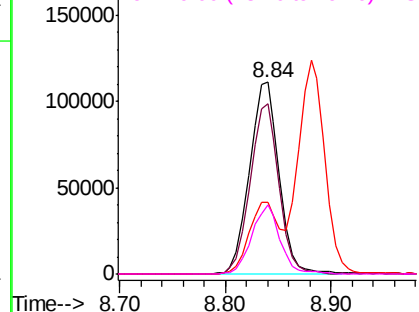
Abundance

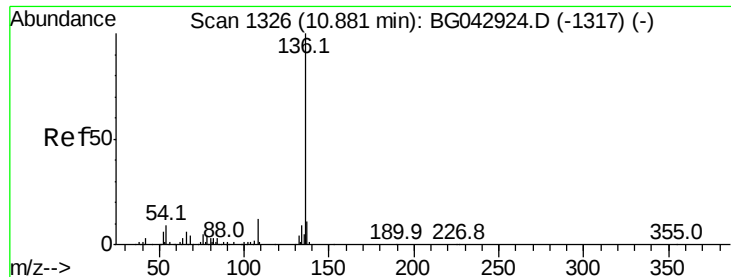
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

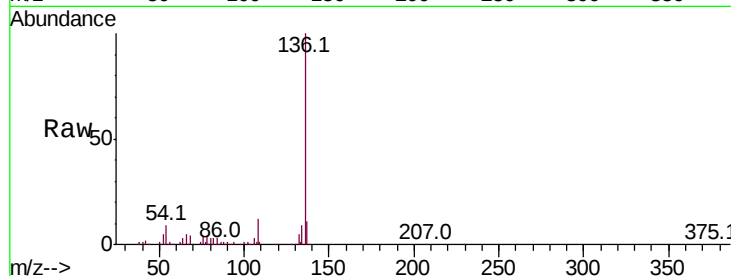




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MS

Tot Ion:136	Resp:	237908
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.5 12.7
54	8.8	7.4 11.2
68	4.3	3.6 5.4



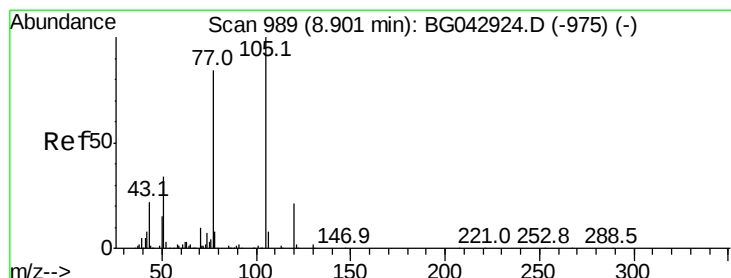
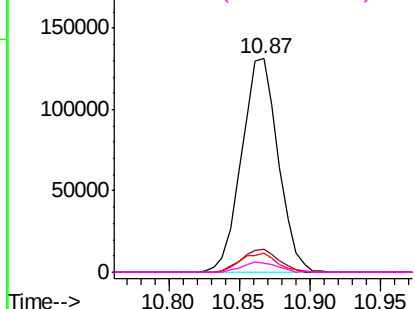
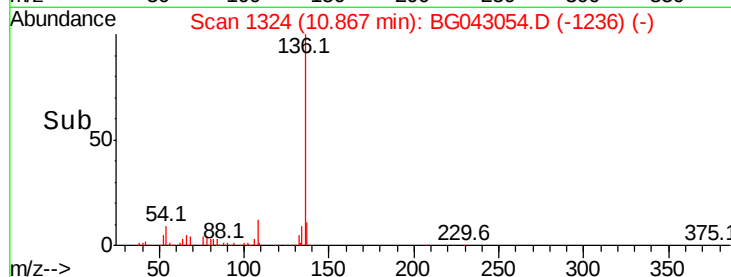
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

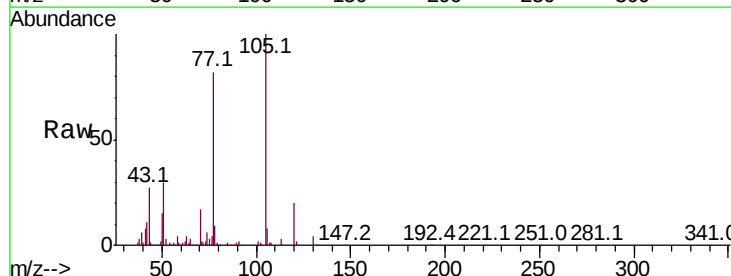
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 44.072 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.02 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion:105	Resp:	270275
Ion	Ratio	Lower Upper
105	100	
71	2.5	1.2 1.8#
51	30.2	27.2 40.8
120	20.1	16.9 25.3



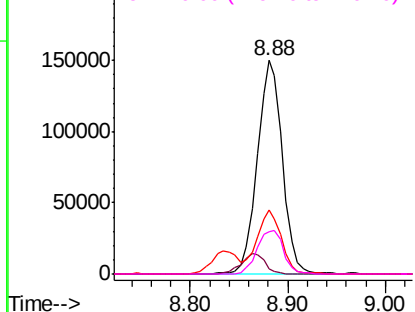
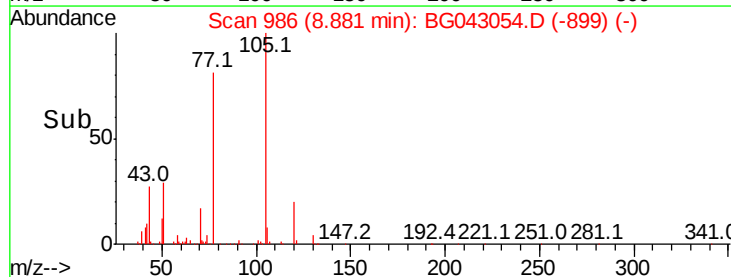
Abundance

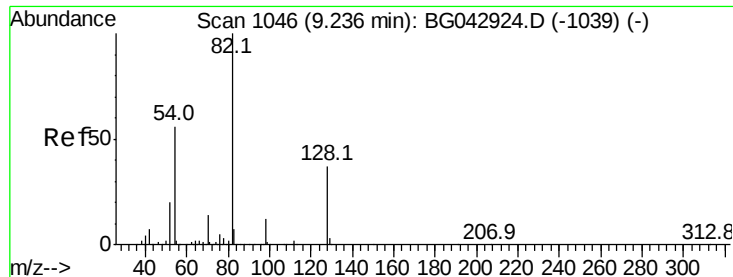
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 75.209 ng

RT: 9.22 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MS

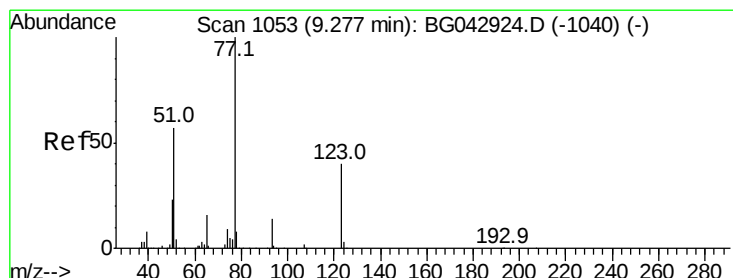
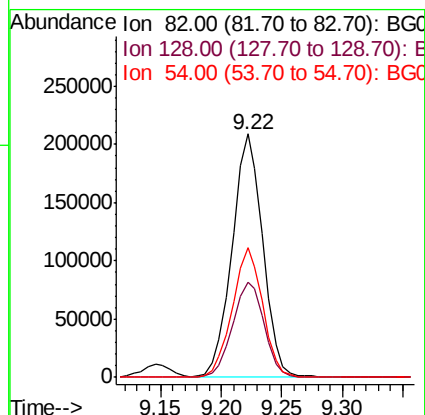
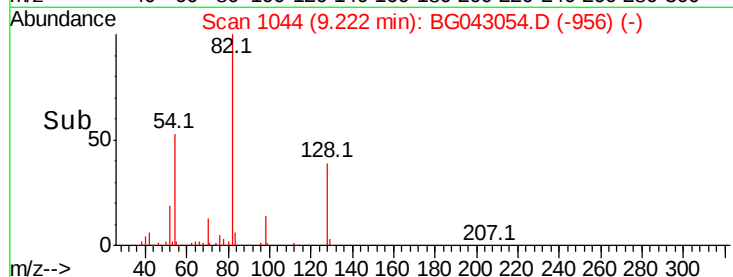
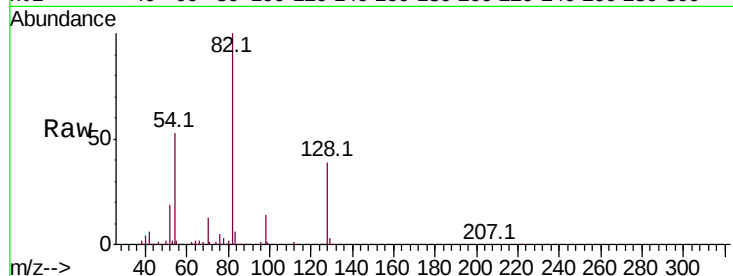
Tot Ion: 82 Resp: 368125

Ion Ratio Lower Upper

82 100

128 39.3 29.5 44.3

54 53.1 44.6 67.0



#24

Nitrobenzene

Concen: 45.859 ng

RT: 9.26 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

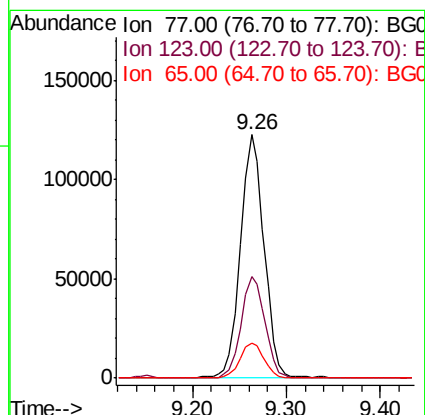
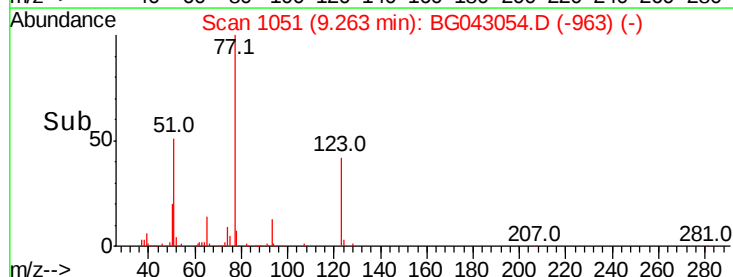
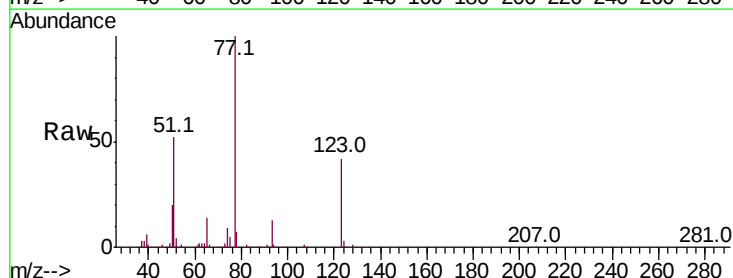
Tgt Ion: 77 Resp: 214107

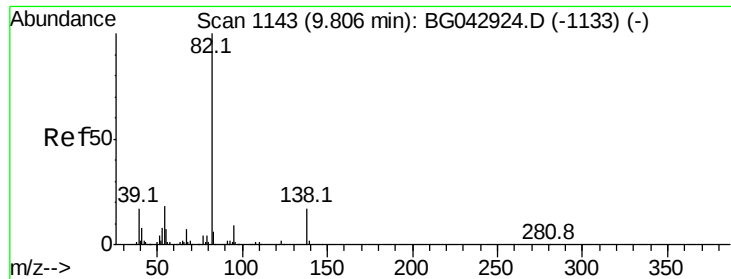
Ion Ratio Lower Upper

77 100

123 41.8 31.9 47.9

65 14.3 12.4 18.6





#25

Isophorone

Concen: 45.720 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MS

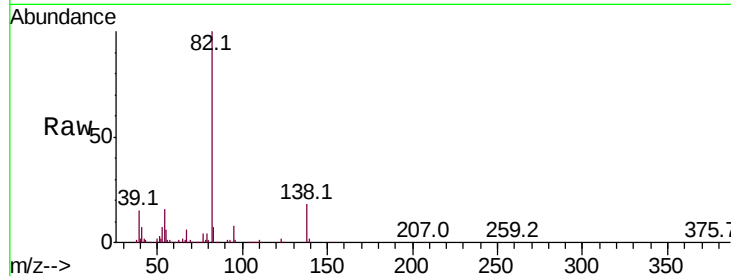
Tot Ion: 82 Resp: 393090

Ion Ratio Lower Upper

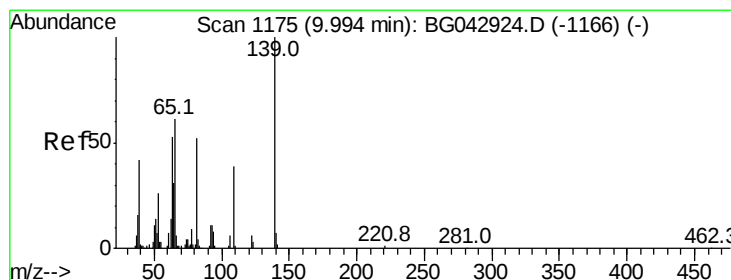
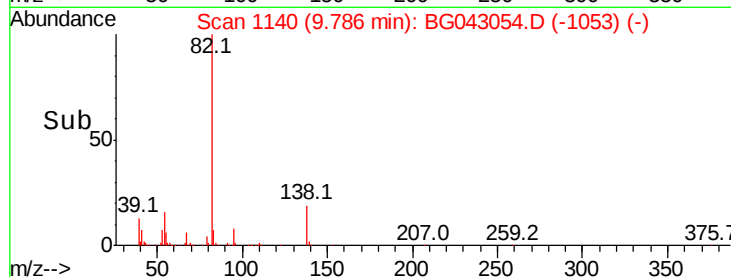
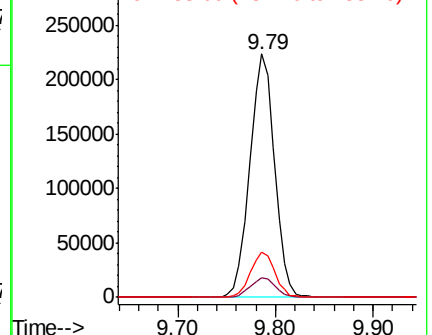
82 100

95 8.2 7.0 10.4

138 18.5 13.8 20.6



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 52.197 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

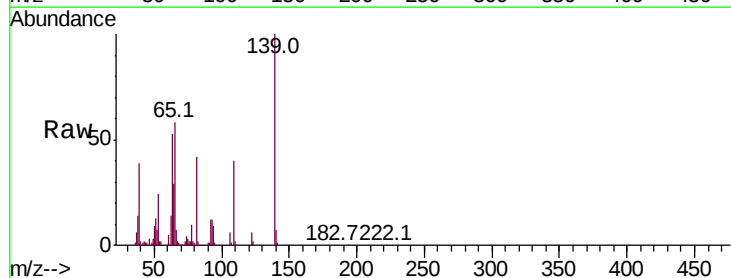
Tgt Ion: 139 Resp: 103741

Ion Ratio Lower Upper

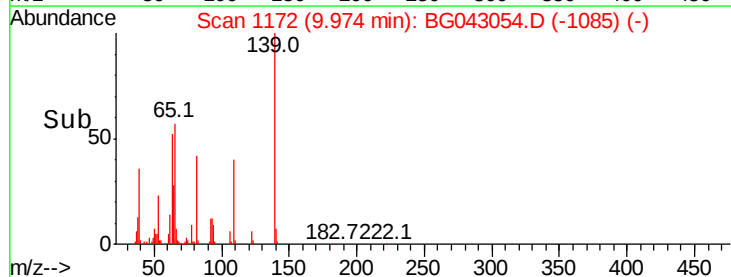
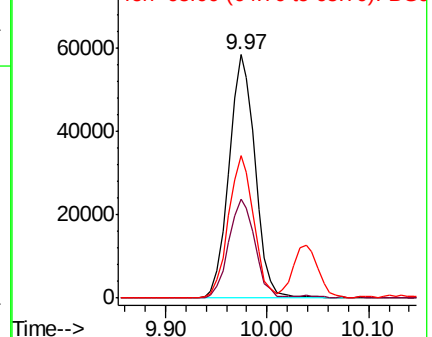
139 100

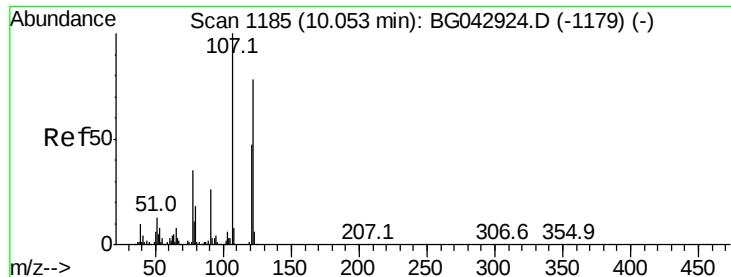
109 40.5 31.0 46.6

65 58.4 48.4 72.6



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





#27

2,4-Dimethylphenol

Concen: 56.047 ng

RT: 10.04 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MS

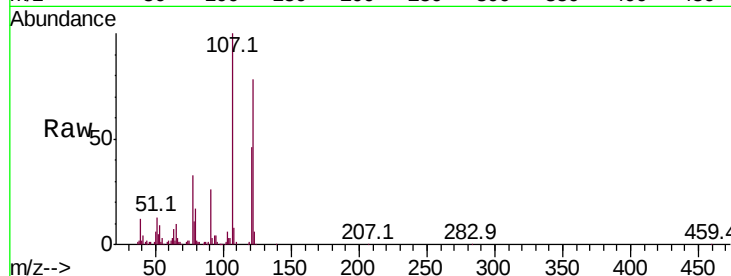
Tot Ion:122 Resp: 171069

Ion Ratio Lower Upper

122 100

107 127.6 102.2 153.2

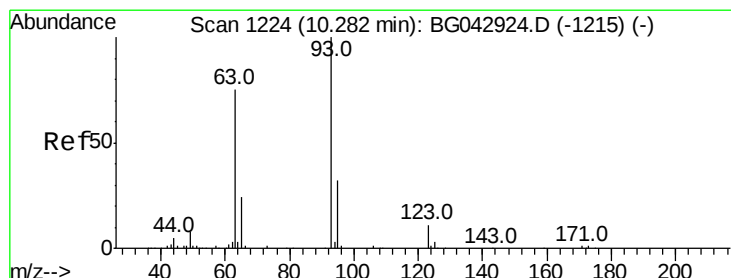
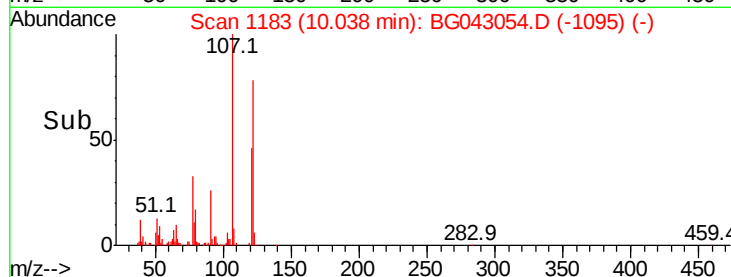
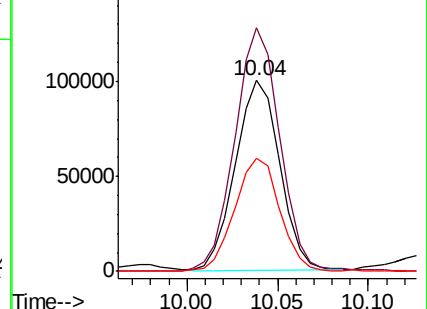
121 58.9 48.5 72.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.954 ng

RT: 10.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

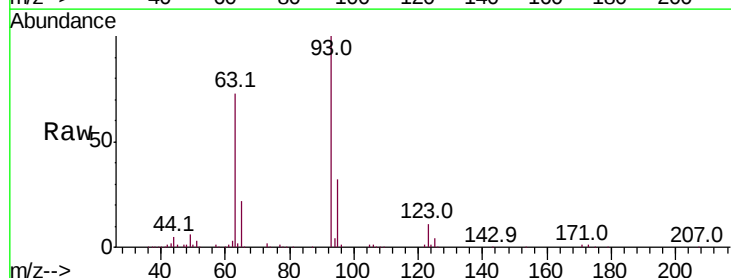
Tgt Ion: 93 Resp: 219290

Ion Ratio Lower Upper

93 100

95 31.6 25.4 38.0

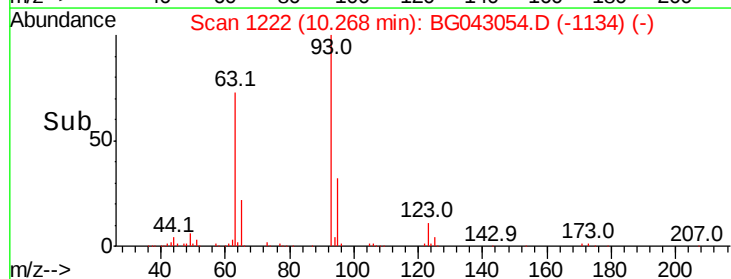
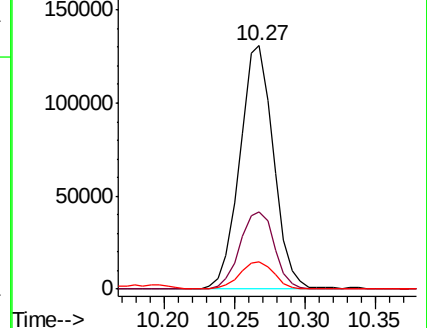
123 11.5 9.3 13.9

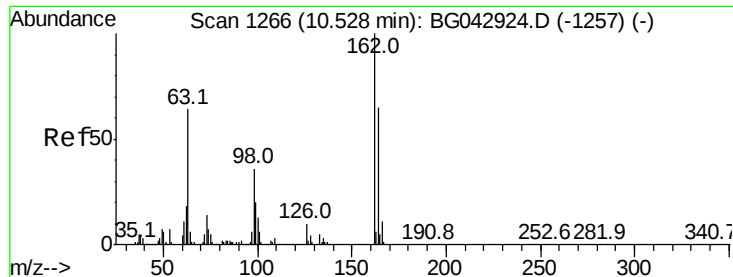


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

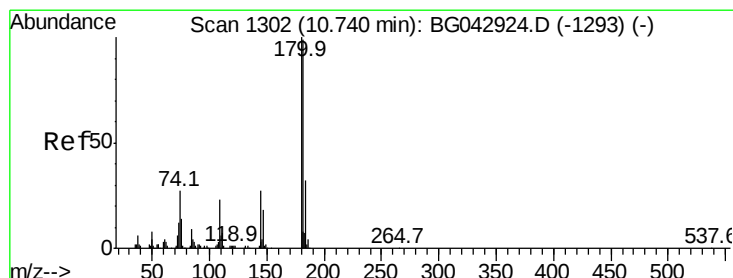
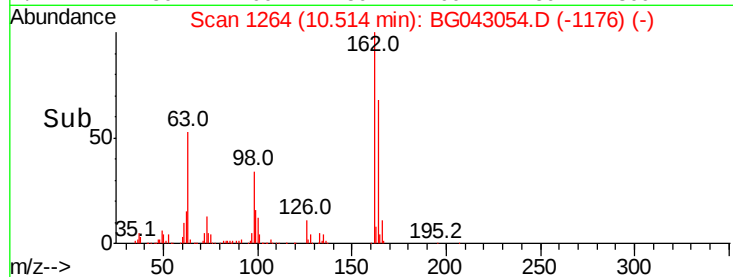
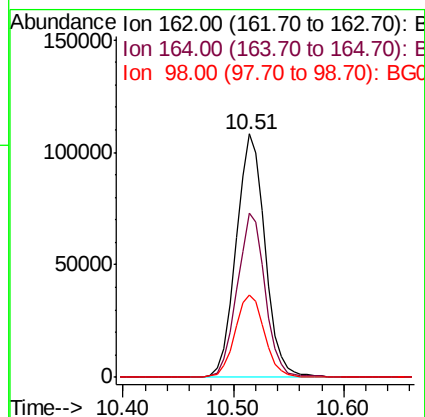
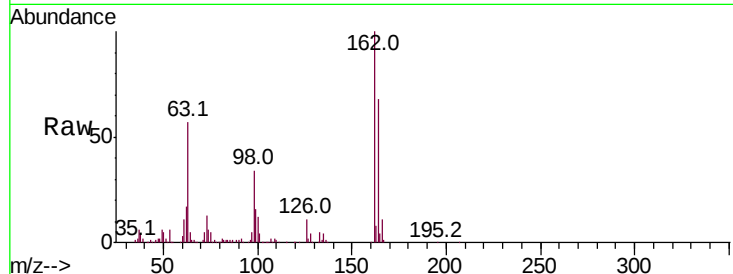




#29
 2,4-Dichlorophenol
 Concen: 52.426 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

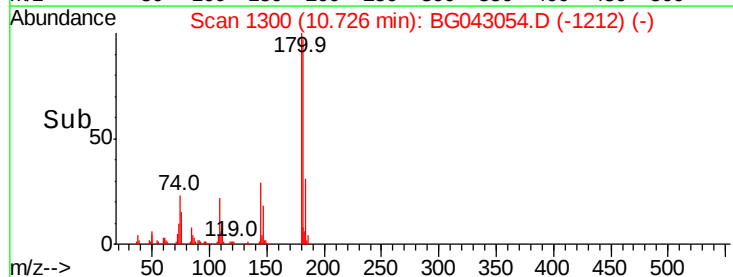
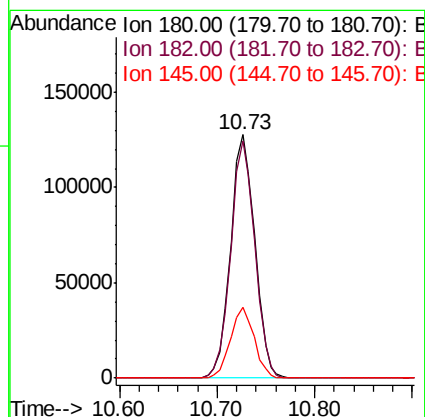
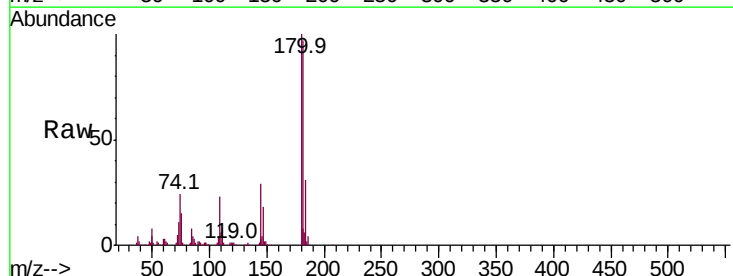
Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MS

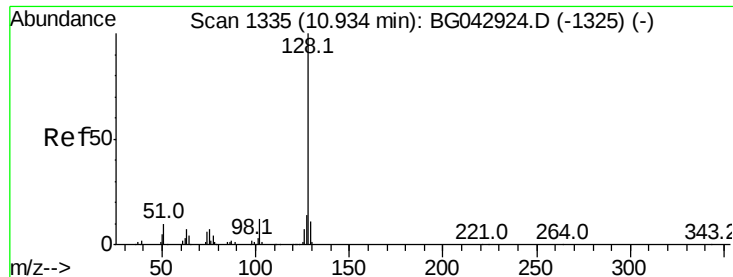
Tot Ion:	162	Resp:	199012
Ion	Ratio	Lower	Upper
162	100		
164	67.7	44.7	84.7
98	34.1	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 44.965 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

Tgt Ion:	180	Resp:	220425
Ion	Ratio	Lower	Upper
180	100		
182	97.3	79.3	118.9
145	29.0	22.0	33.0





#31

Naphthalene

Concen: 47.151 ng

RT: 10.91 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MS

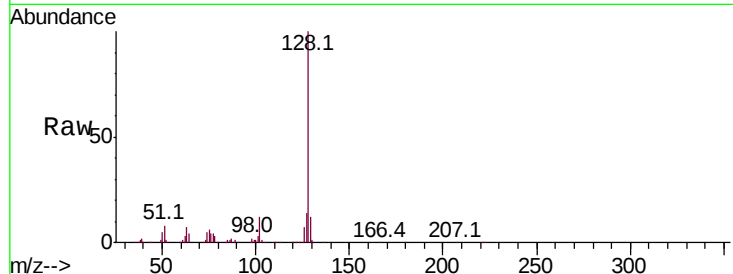
Tot Ion:128 Resp: 552199

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

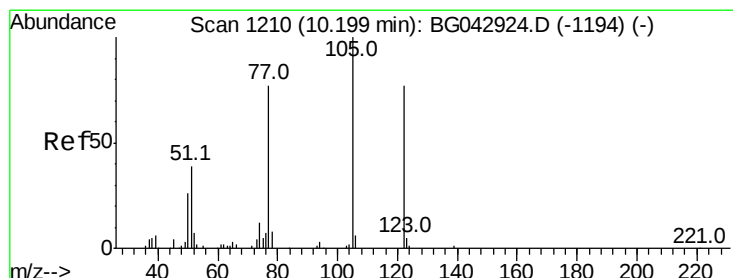
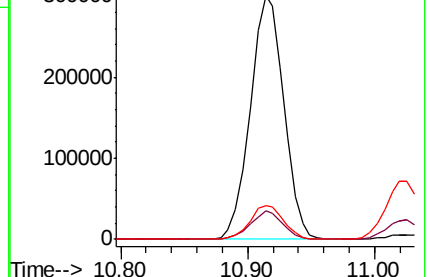
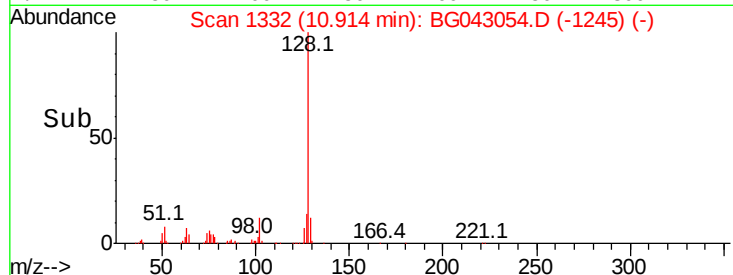
127 14.0 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.319 ng

RT: 10.19 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

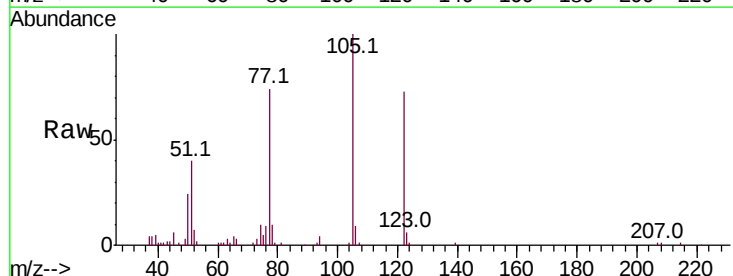
Tgt Ion:122 Resp: 100752

Ion Ratio Lower Upper

122 100

105 136.3 107.5 147.5

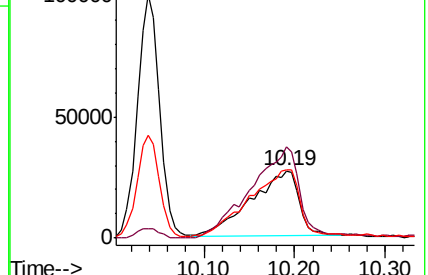
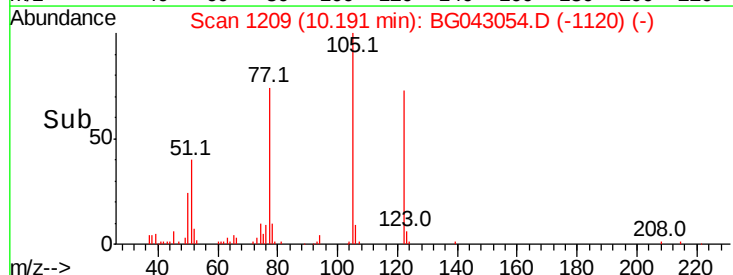
77 101.3 79.8 119.8

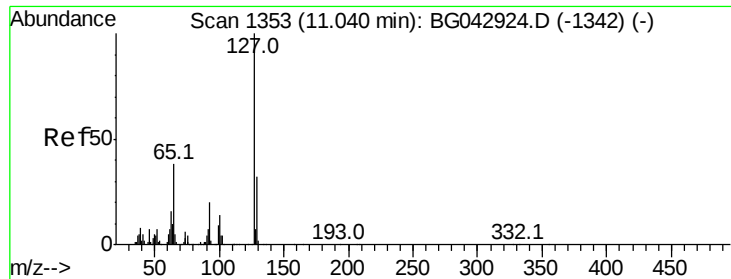


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

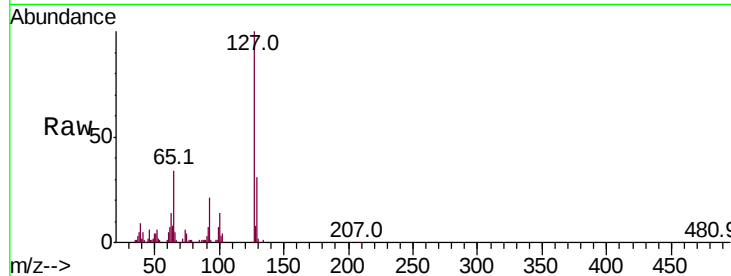




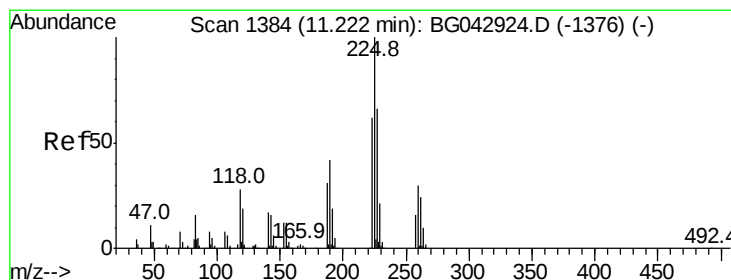
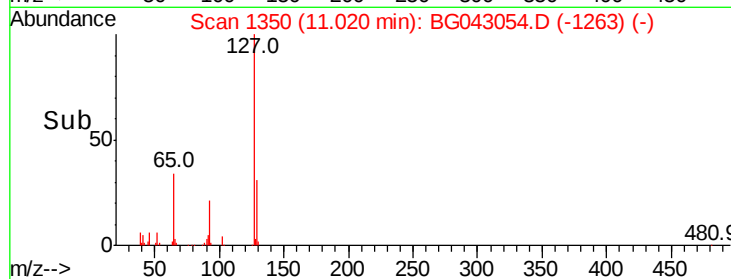
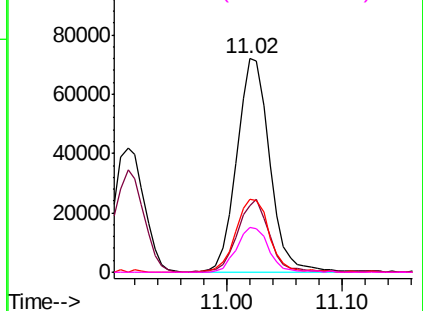
#33
4-Chloroaniline
Concen: 28.018 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MS

Tot Ion:	127	Resp:	142383
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.2	39.2
65	34.0	30.6	45.8
92	20.9	16.2	24.4

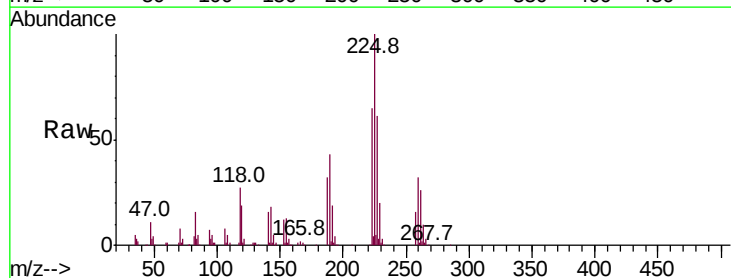


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

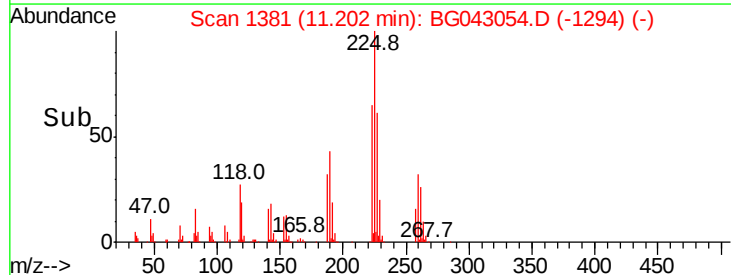
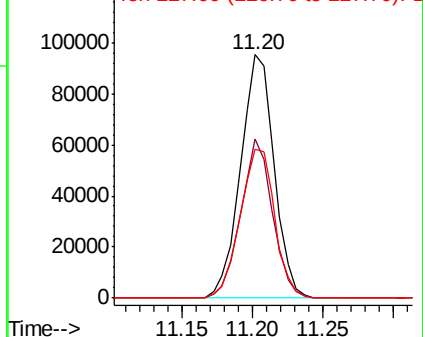


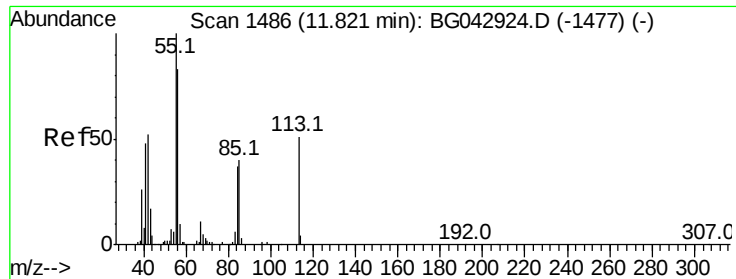
#34
Hexachlorobutadiene
Concen: 43.137 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion:	225	Resp:	158335
Ion	Ratio	Lower	Upper
225	100		
223	65.4	49.3	73.9
227	61.3	52.8	79.2



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





#35

Caprolactam

Concen: 28.796 ng

RT: 11.80 min Scan# 1483

Delta R.T. -0.02 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MS

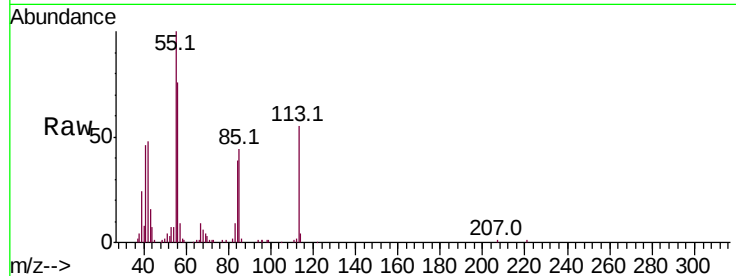
Tot Ion:113 Resp: 38548

Ion Ratio Lower Upper

113 100

55 182.6 175.5 215.5

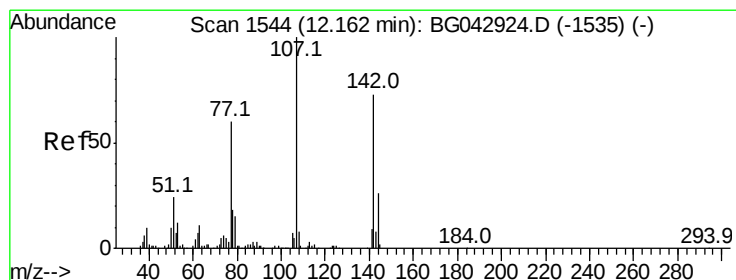
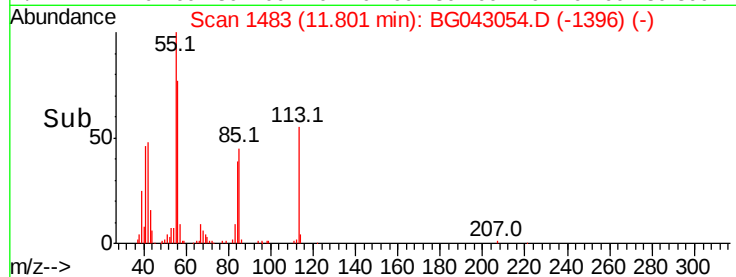
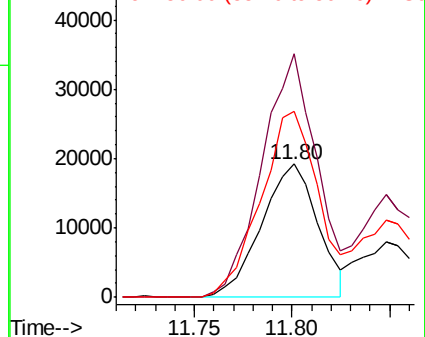
56 139.1 142.3 182.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 51.415 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

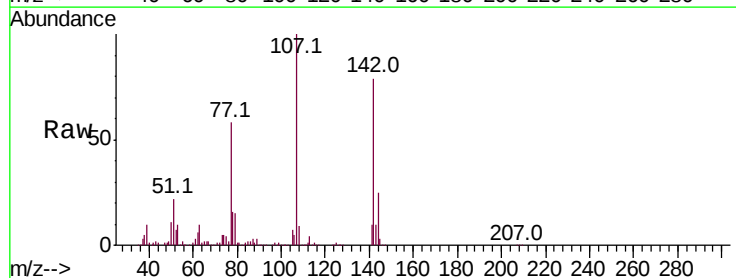
Tgt Ion:107 Resp: 212210

Ion Ratio Lower Upper

107 100

144 25.3 20.7 31.1

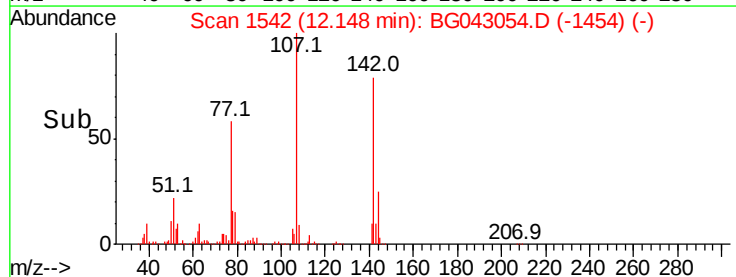
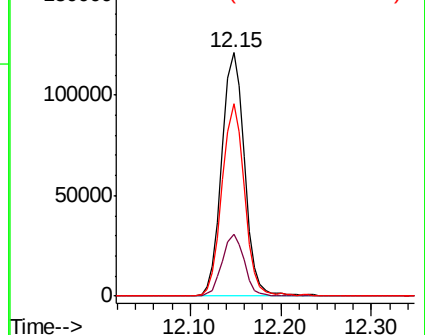
142 79.2 58.6 87.8

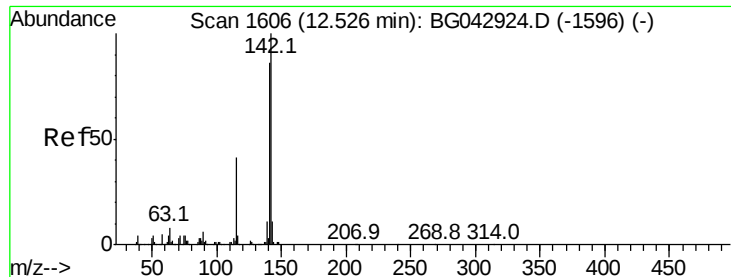


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

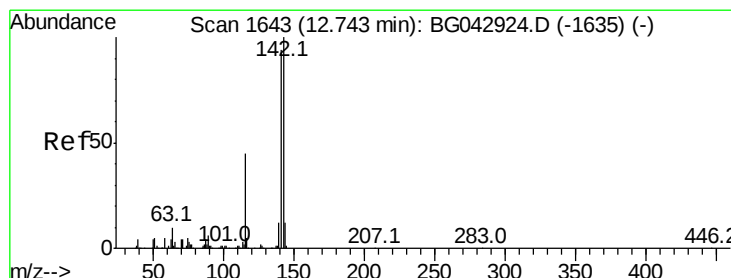
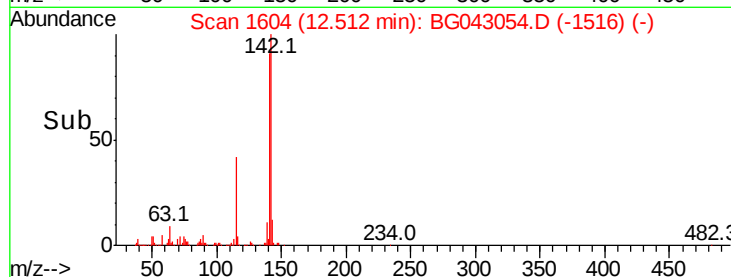
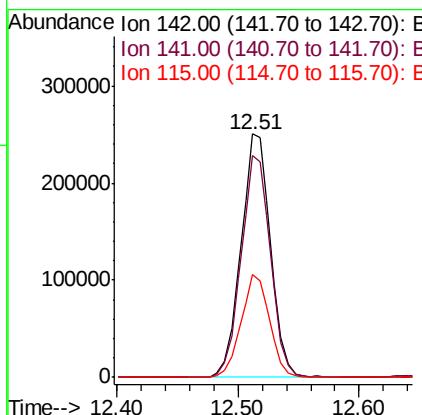
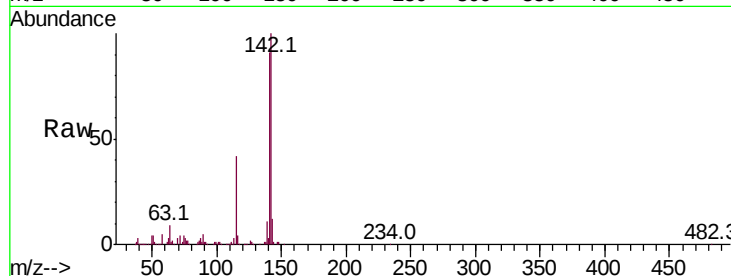




#37
2-Methylnaphthalene
Concen: 47.462 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

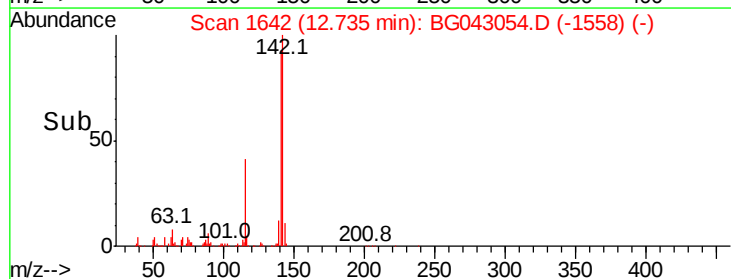
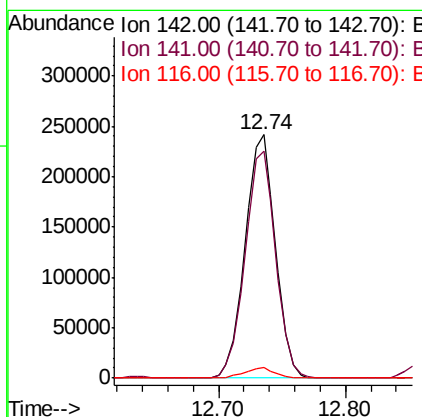
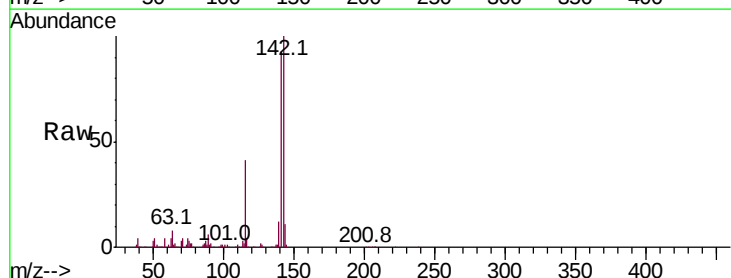
Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MS

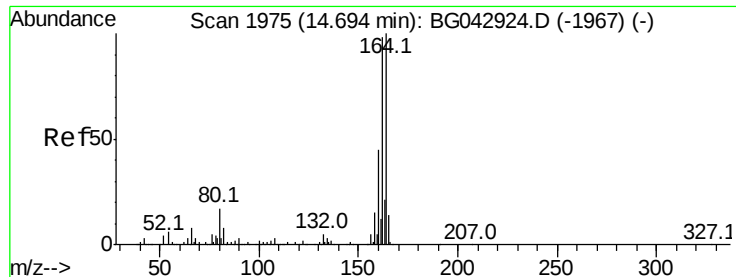
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	69.0	103.4
115	42.1	32.8	49.2



#38
1-Methylnaphthalene
Concen: 47.324 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.9	112.3
116	4.5	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MS

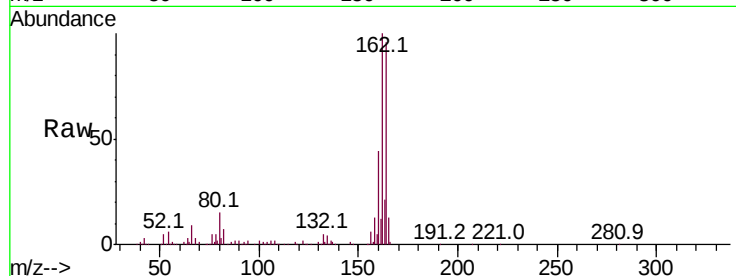
Tot Ion:164 Resp: 171071

Ion Ratio Lower Upper

164 100

162 104.7 78.5 117.7

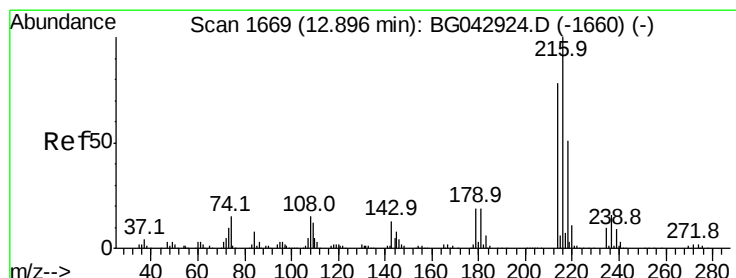
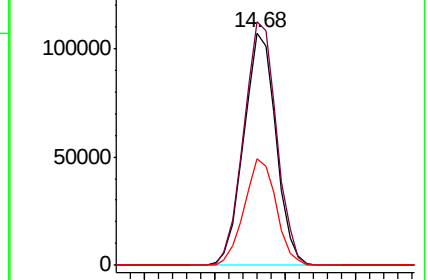
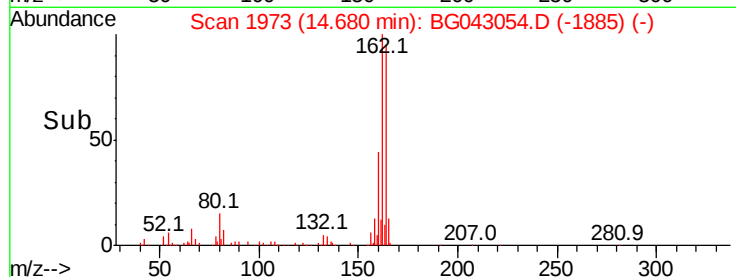
160 45.6 35.9 53.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.431 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Tgt Ion:216 Resp: 279355

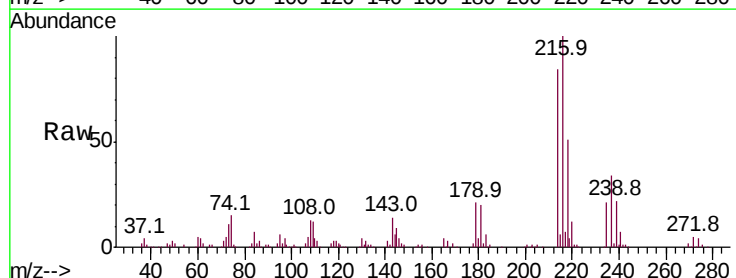
Ion Ratio Lower Upper

216 100

214 80.7 62.4 93.6

179 19.8 15.4 23.2

108 16.7 12.6 19.0

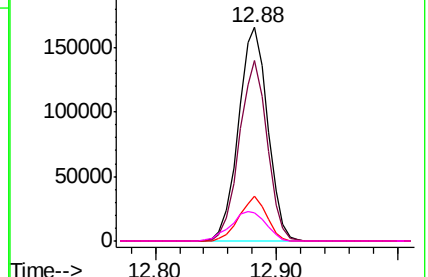
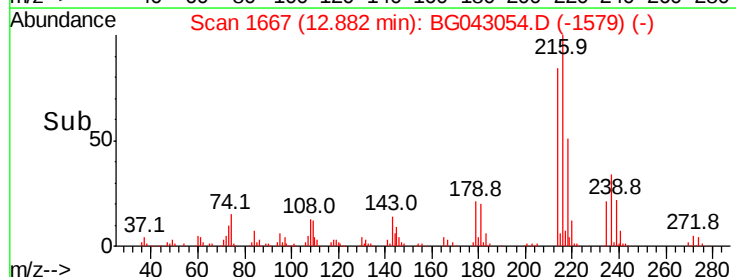


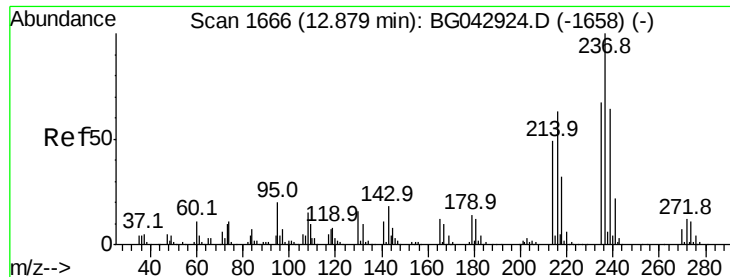
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 87.787 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MS

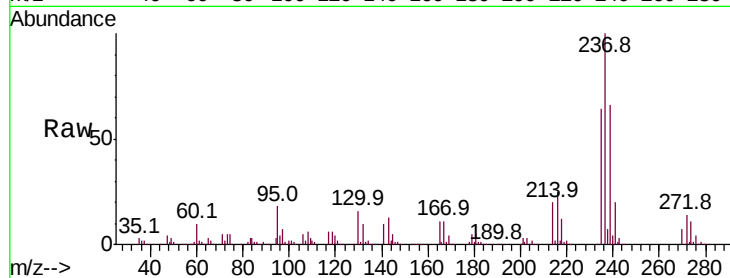
Tot Ion:237 Resp: 359777

Ion Ratio Lower Upper

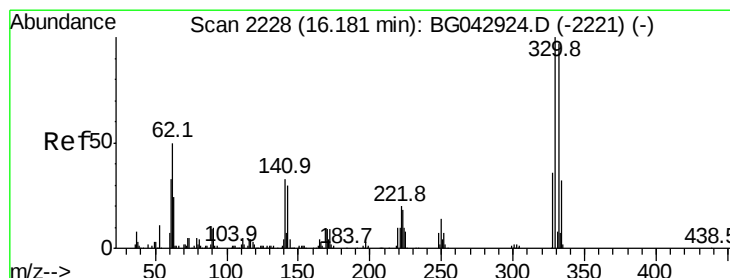
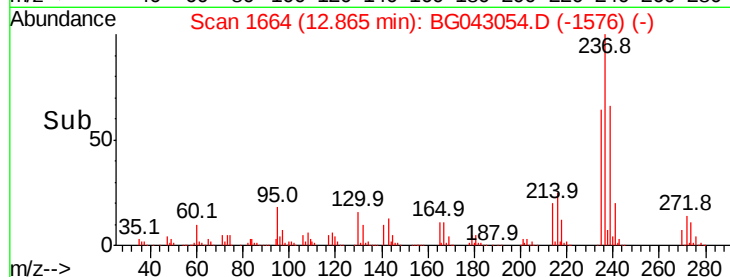
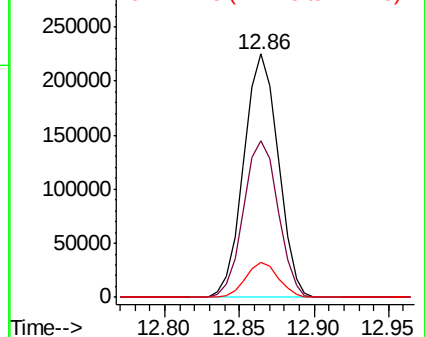
237 100

235 64.3 46.7 86.7

272 14.1 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 118.971 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

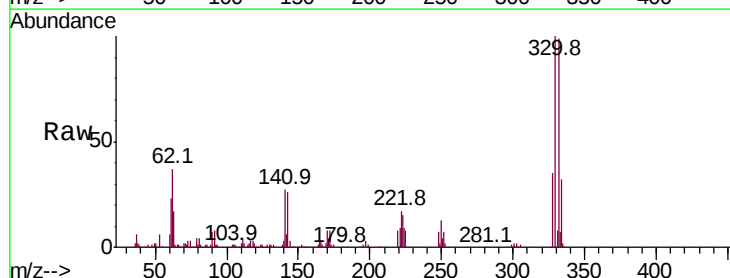
Tgt Ion:330 Resp: 349974

Ion Ratio Lower Upper

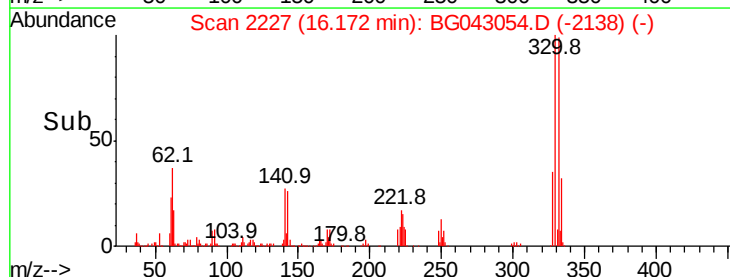
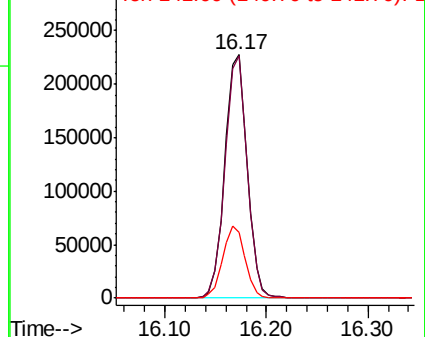
330 100

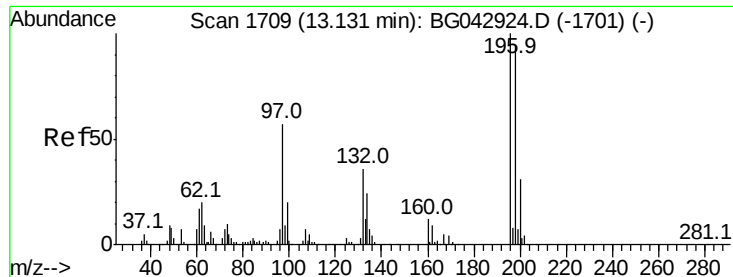
332 98.2 78.2 117.2

141 29.5 26.0 39.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

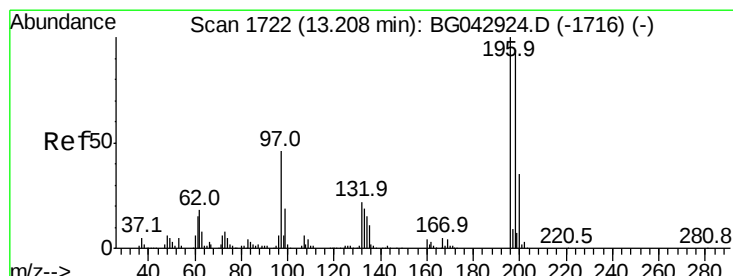
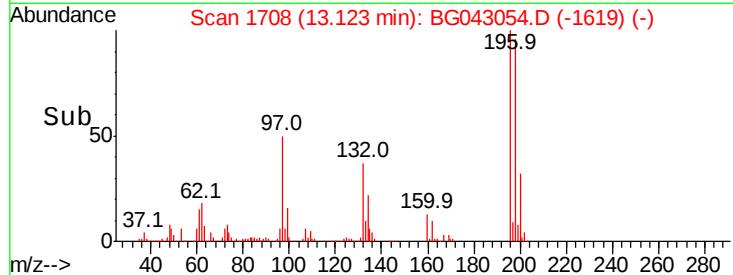
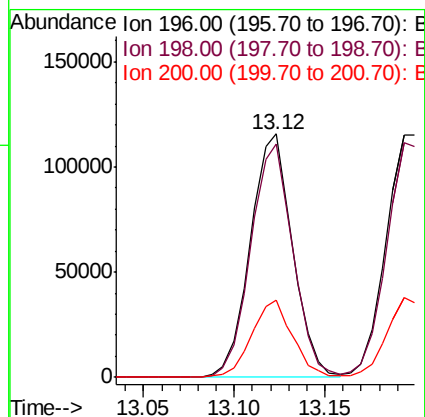
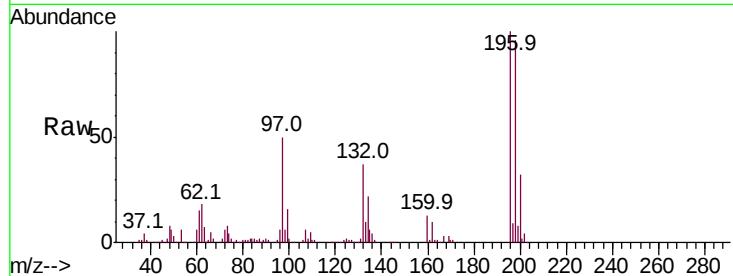




#43
 2,4,6-Trichlorophenol
 Concen: 49.723 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

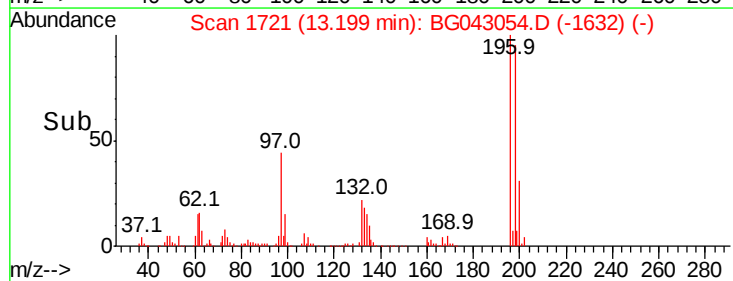
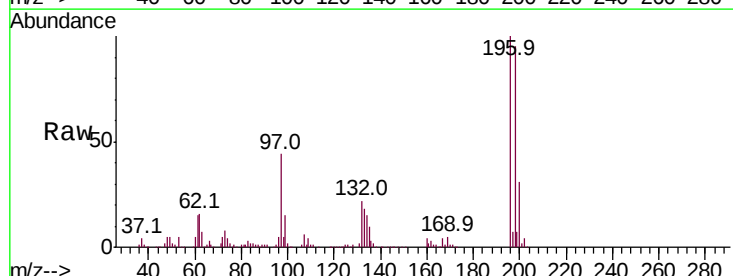
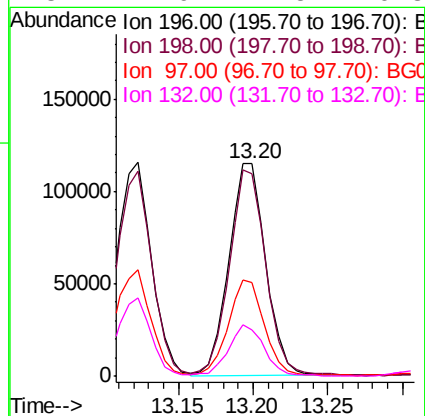
Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MS

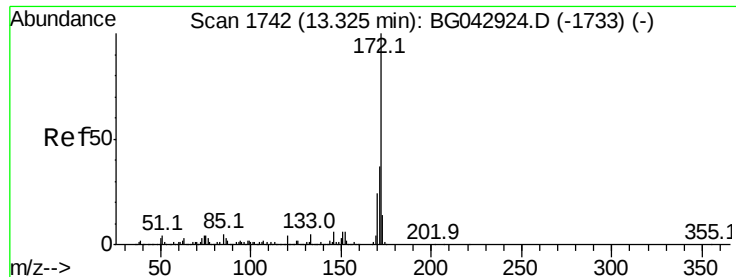
Tot Ion	196	Resp	187196
Ion Ratio	Lower	Upper	
196	100		
198	95.7	75.5	113.3
200	31.8	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 50.784 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

Tgt Ion	196	Resp	196956
Ion Ratio	Lower	Upper	
196	100		
198	95.3	75.1	112.7
97	44.0	37.0	55.4
132	21.9	17.5	26.3

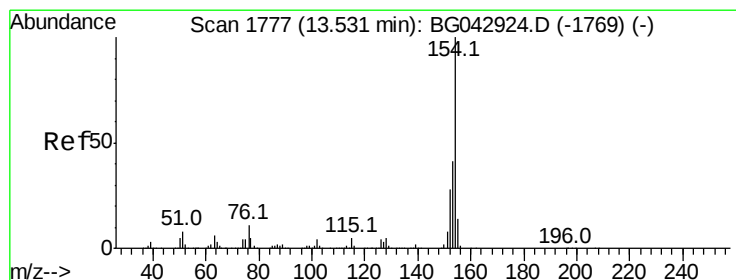
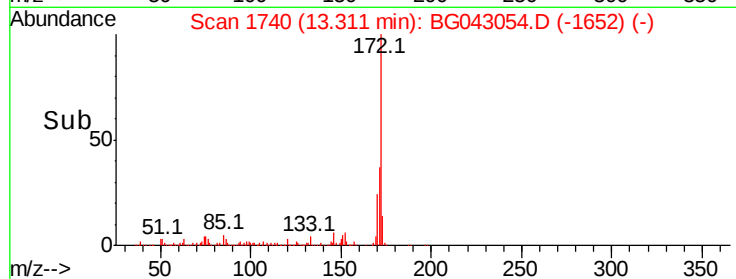
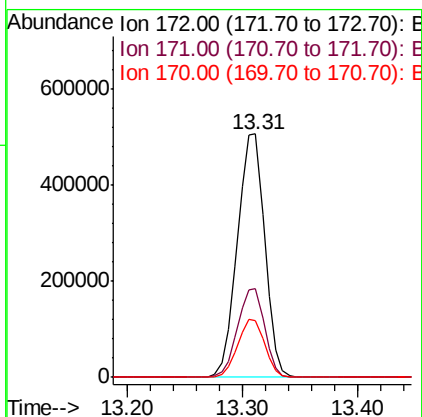
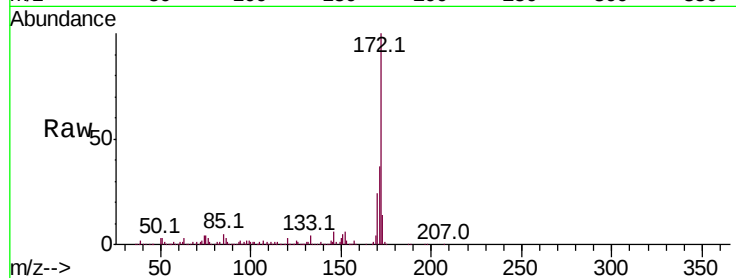




#45
2-Fluorobiphenyl
Concen: 70.477 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

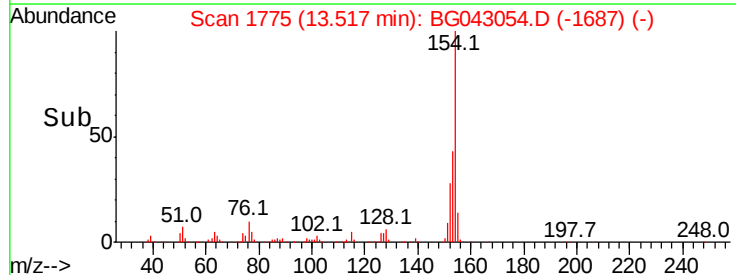
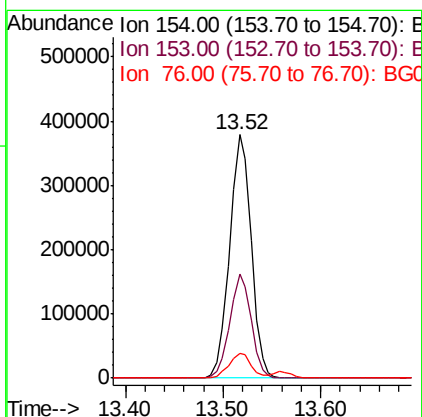
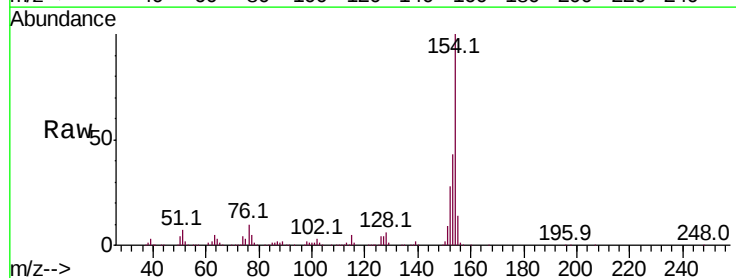
Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MS

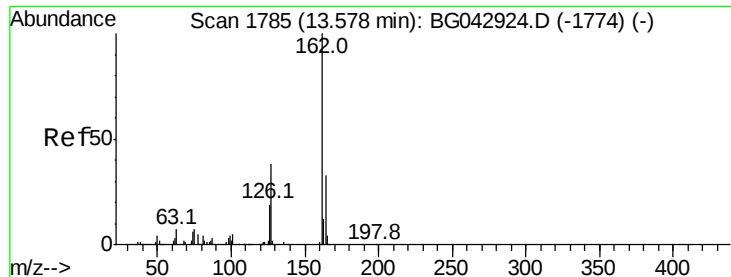
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	23.5	19.6	29.4



#46
1,1'-Biphenyl
Concen: 44.678 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	21.4	61.4
76	10.0	0.0	31.3

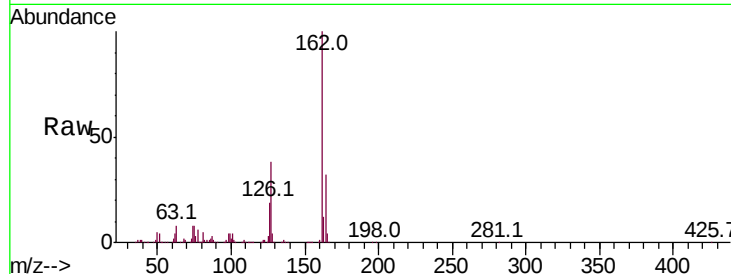




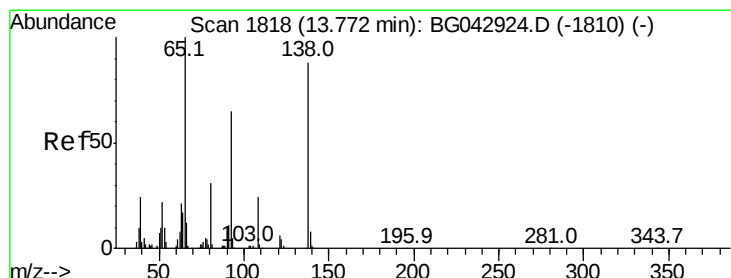
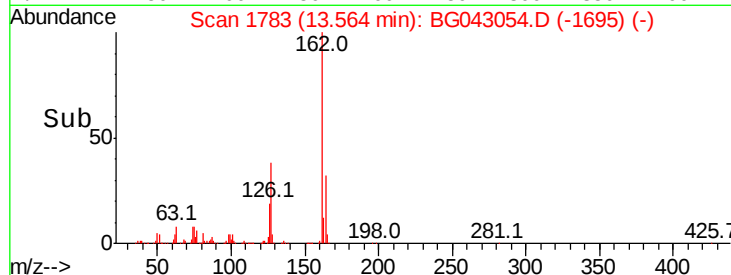
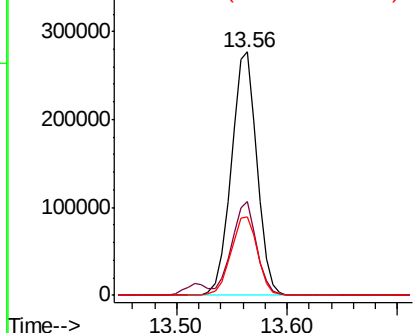
#47
2-Chloronaphthalene
Concen: 46.247 ng
RT: 13.56 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	31.0	46.6
164	32.4	26.2	39.2

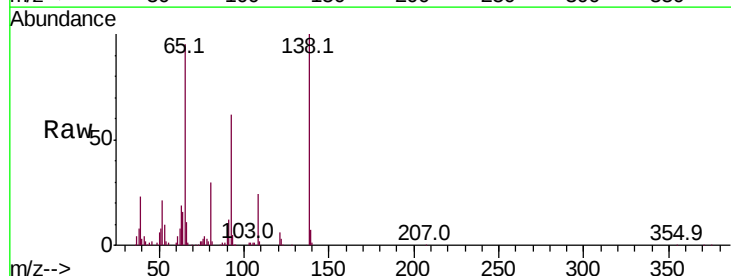


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

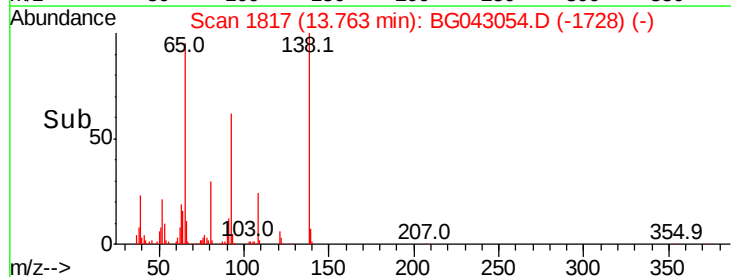
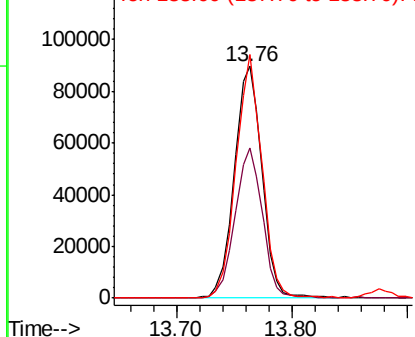


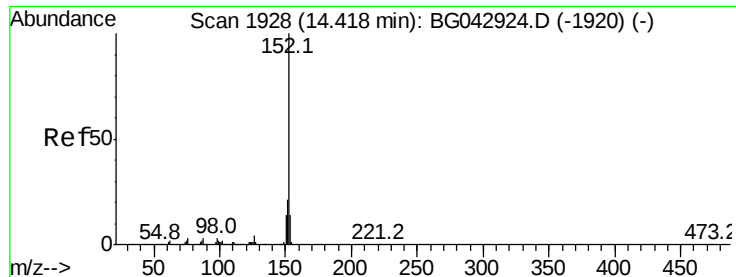
#48
2-Nitroaniline
Concen: 45.912 ng
RT: 13.76 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.8	52.0	78.0
138	105.1	70.4	105.6



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.374 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MS

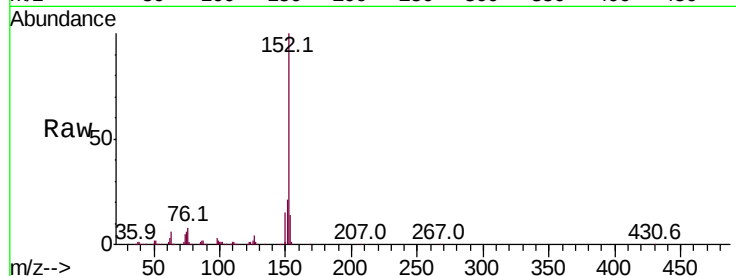
Tot Ion:152 Resp: 719956

Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

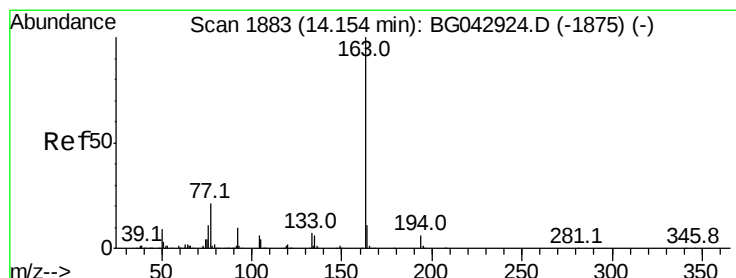
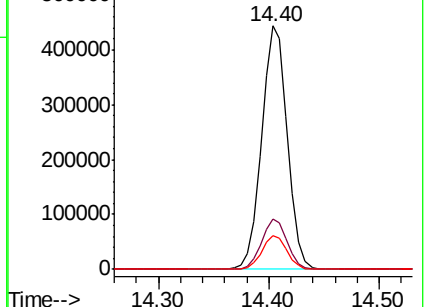
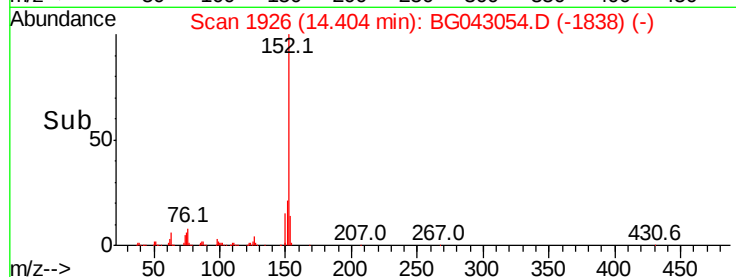
153 13.7 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 56.802 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

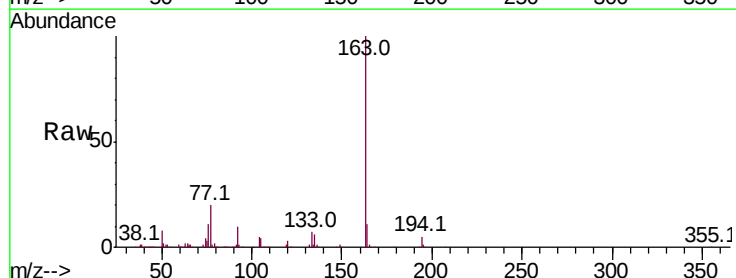
Tgt Ion:163 Resp: 728076

Ion Ratio Lower Upper

163 100

194 4.7 4.4 6.6

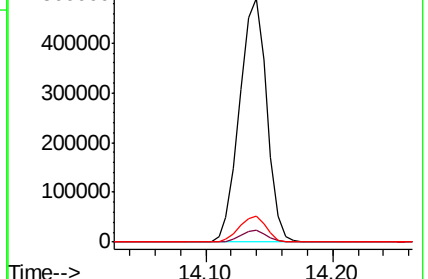
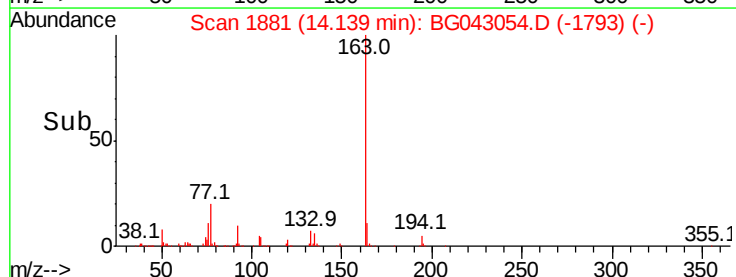
164 10.6 8.6 12.8

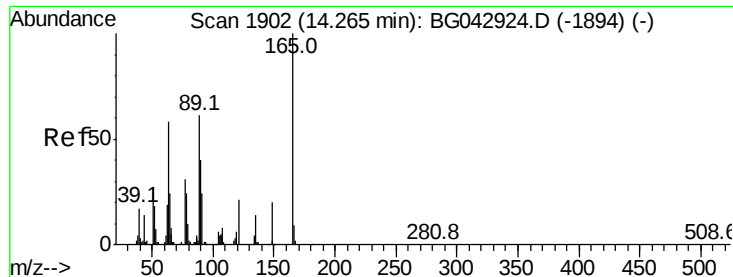


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 51.242 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MS

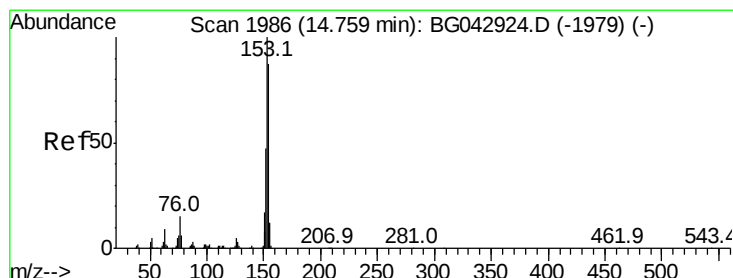
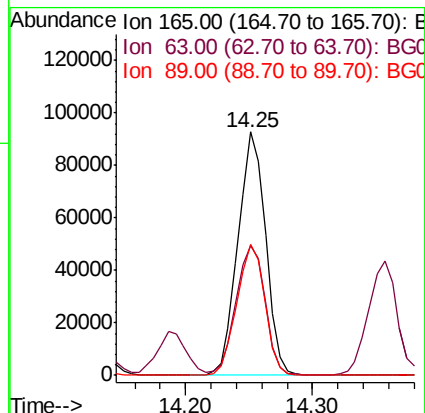
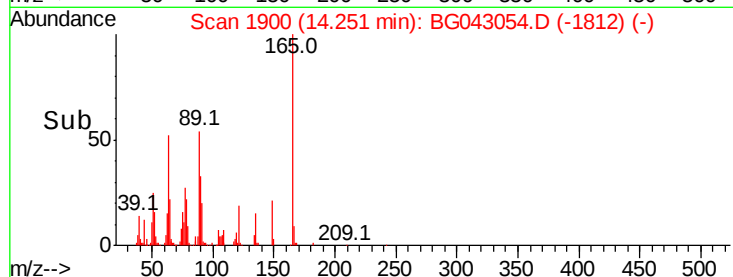
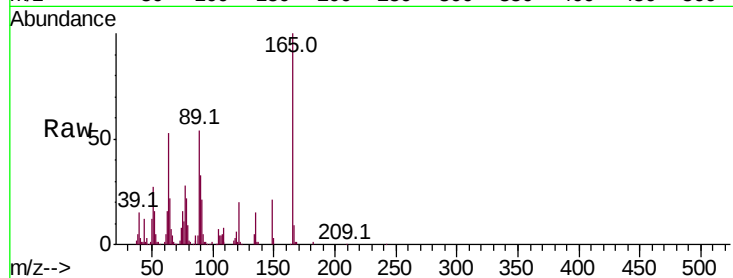
Tot Ion:165 Resp: 139871

Ion Ratio Lower Upper

165 100

63 53.5 50.3 75.5

89 53.7 48.9 73.3



#52

Acenaphthene

Concen: 44.659 ng

RT: 14.74 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

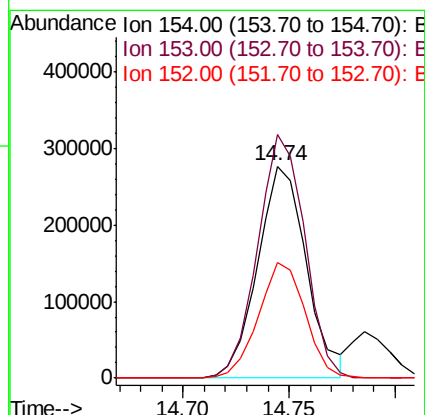
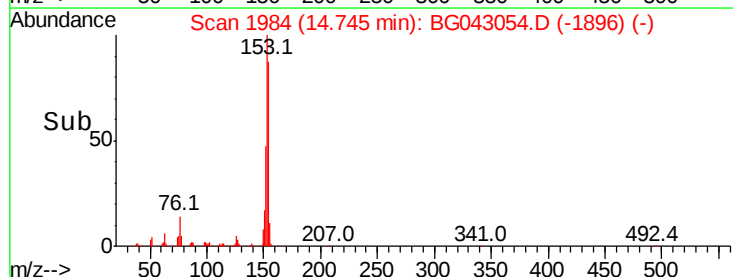
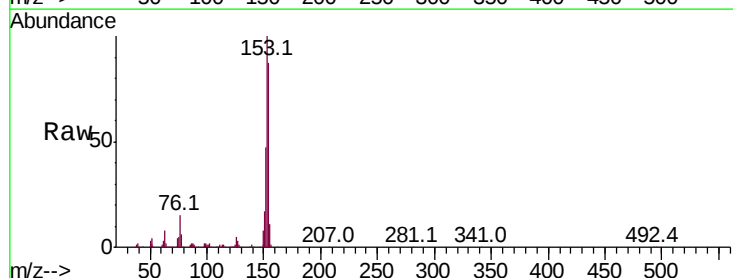
Tgt Ion:154 Resp: 444895

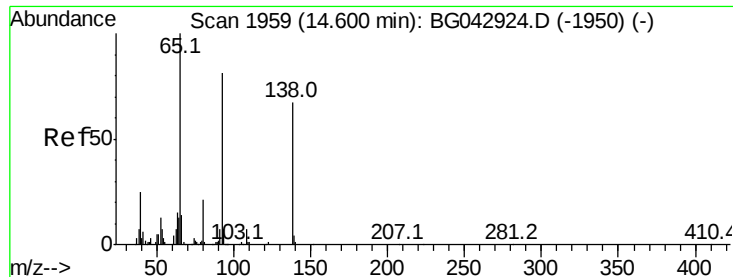
Ion Ratio Lower Upper

154 100

153 115.0 91.4 137.0

152 54.4 42.8 64.2

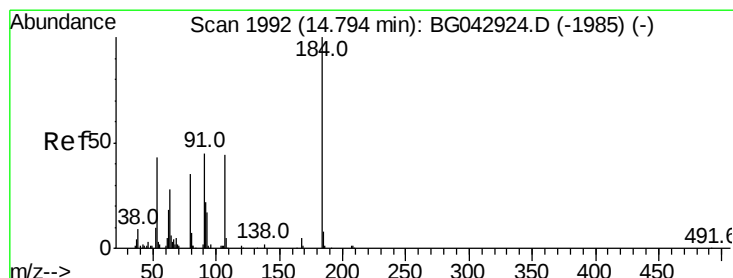
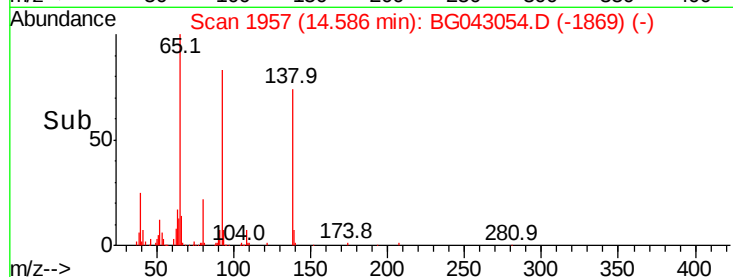
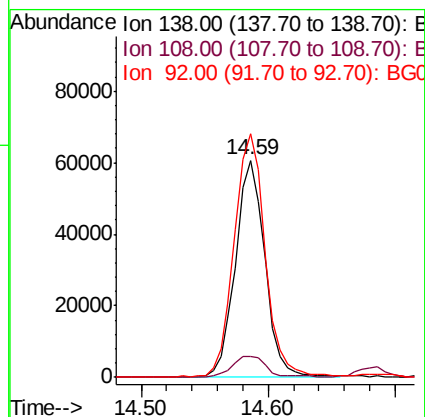
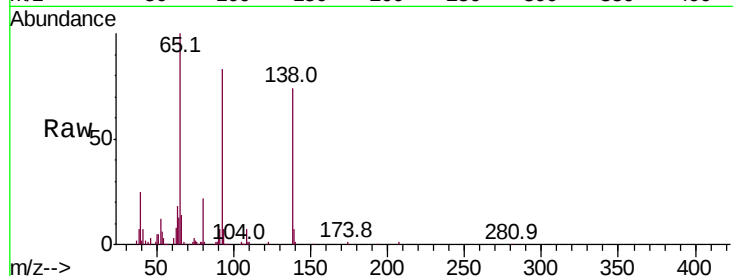




#53
 3-Nitroaniline
 Concen: 34.591 ng
 RT: 14.59 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

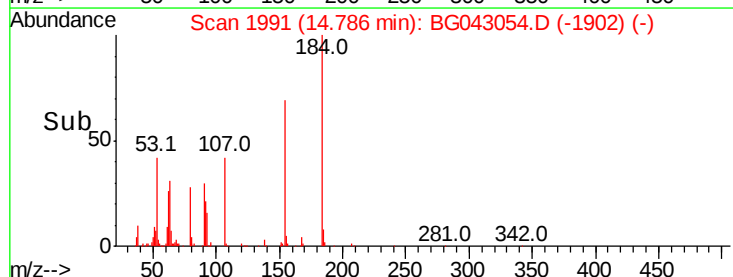
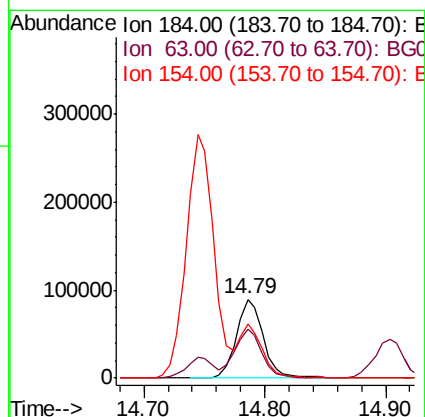
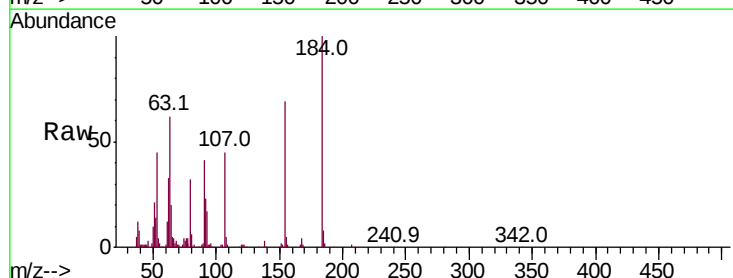
Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MS

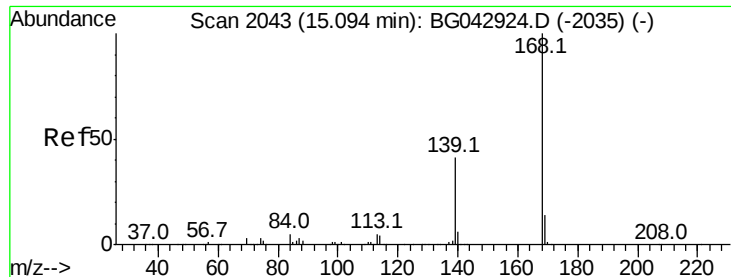
Tot Ion:138 Resp: 97580
 Ion Ratio Lower Upper
 138 100
 108 9.4 7.9 11.9
 92 112.2 97.0 145.6



#54
 2,4-Dinitrophenol
 Concen: 82.045 ng
 RT: 14.79 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

Tgt Ion:184 Resp: 139205
 Ion Ratio Lower Upper
 184 100
 63 61.7 55.0 82.6
 154 68.6 56.5 84.7

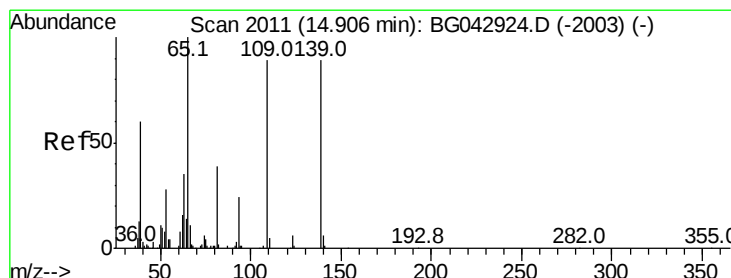
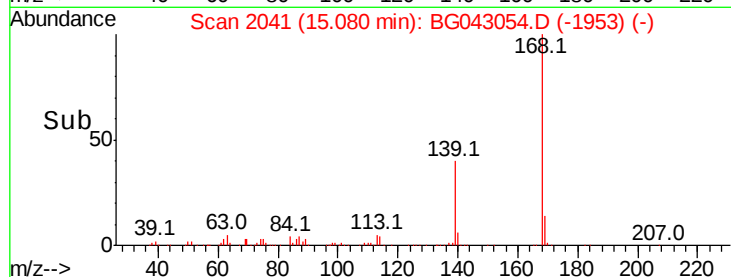
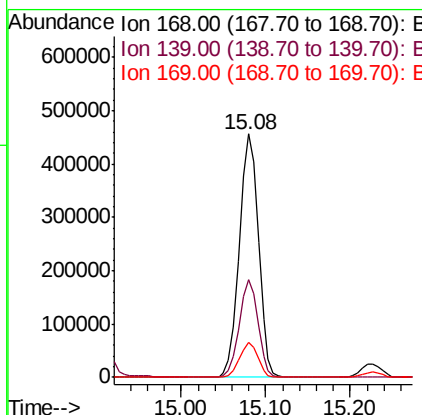
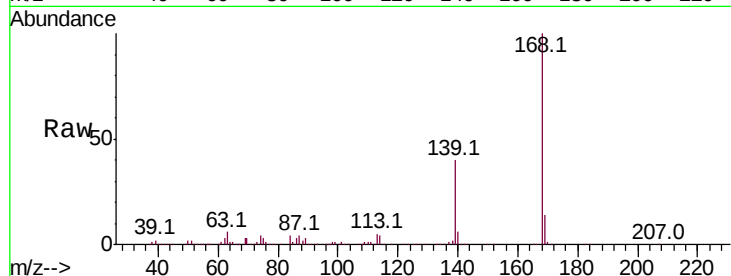




#55
Dibenzofuran
Concen: 47.833 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

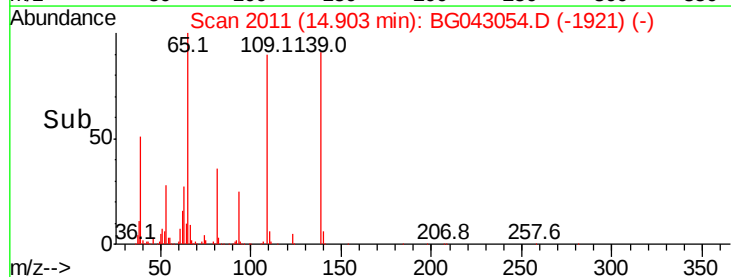
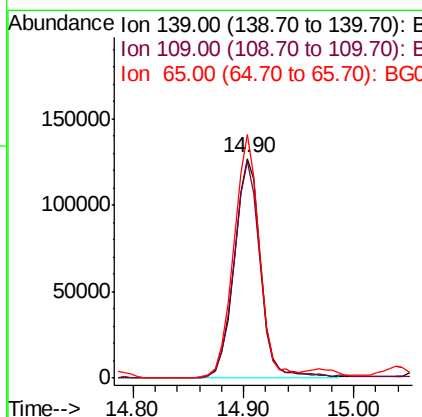
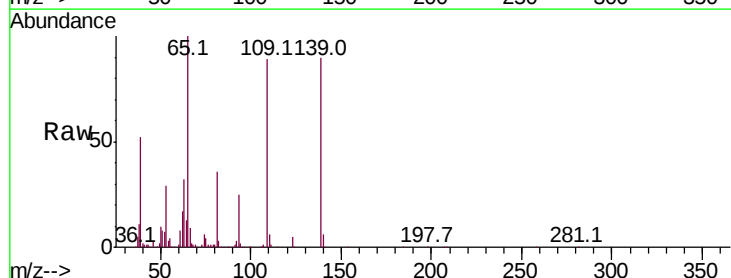
Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MS

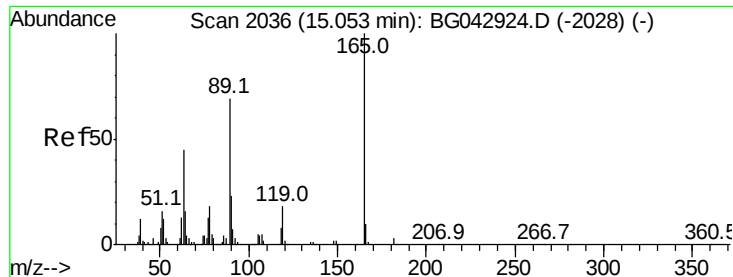
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	32.6	48.8
169	14.4	11.2	16.8



#56
4-Nitrophenol
Concen: 100.095 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	99.0	79.4	119.4
65	111.0	92.5	132.5

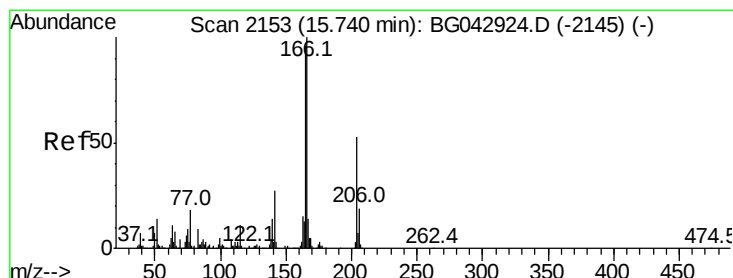
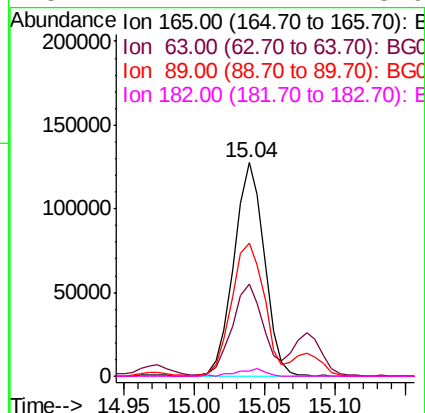
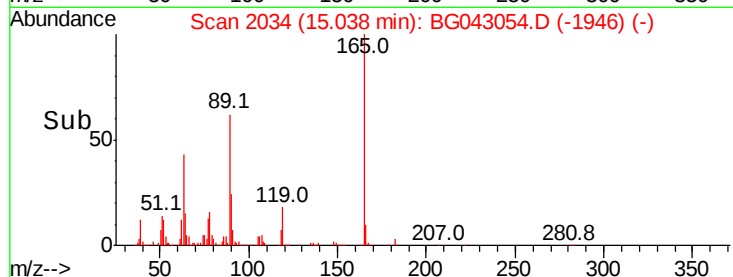
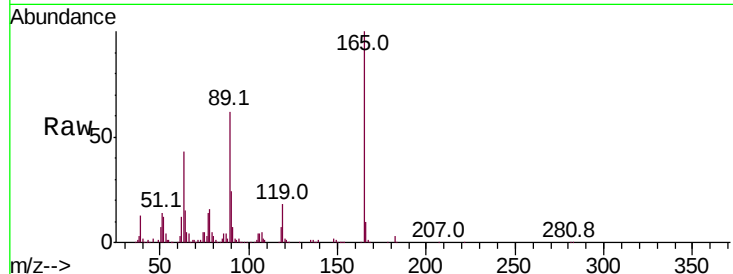




#57
 2,4-Dinitrotoluene
 Concen: 48.125 ng
 RT: 15.04 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

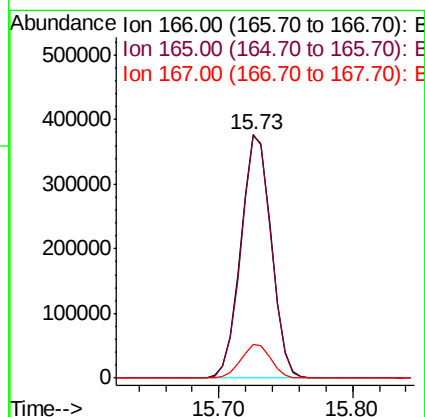
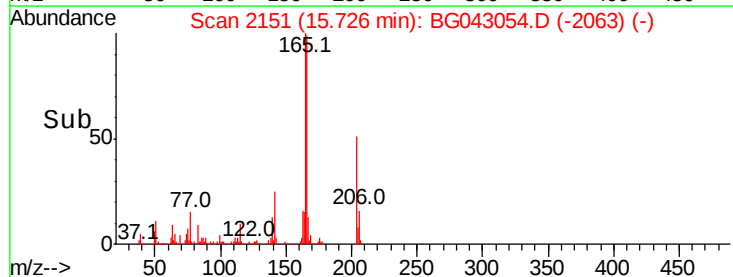
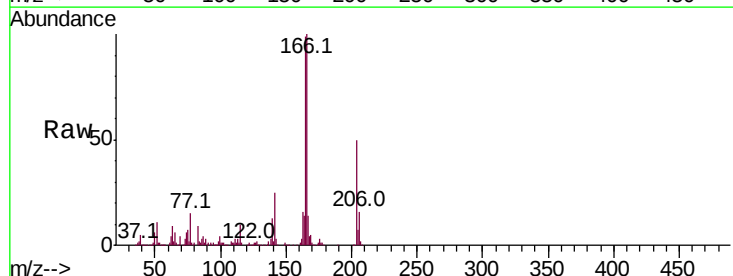
Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MS

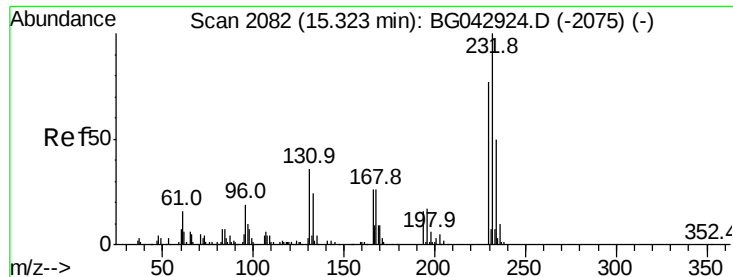
Tot Ion:165	Resp:	192368
Ion Ratio	Lower	Upper
165	100	
63	43.1	36.5 54.7
89	62.5	55.5 83.3
182	2.7	2.4 3.6



#58
 Fluorene
 Concen: 46.911 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

Tgt Ion:166	Resp:	590206
Ion Ratio	Lower	Upper
166	100	
165	99.3	77.1 115.7
167	13.8	11.0 16.6

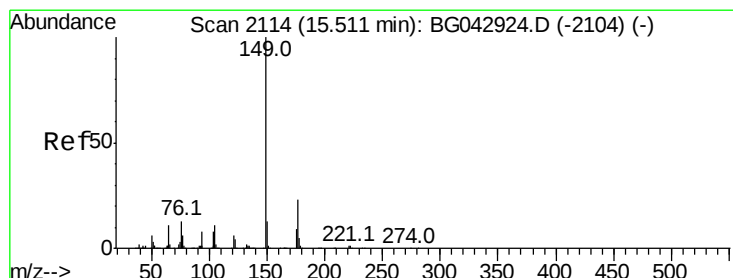
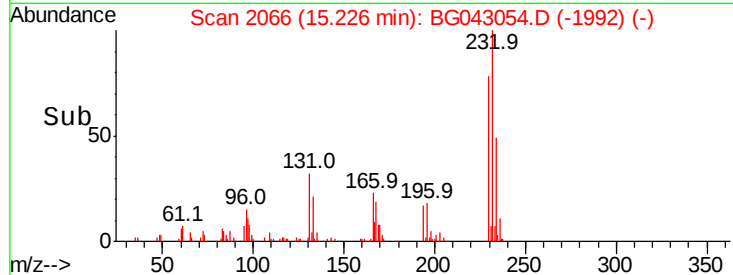
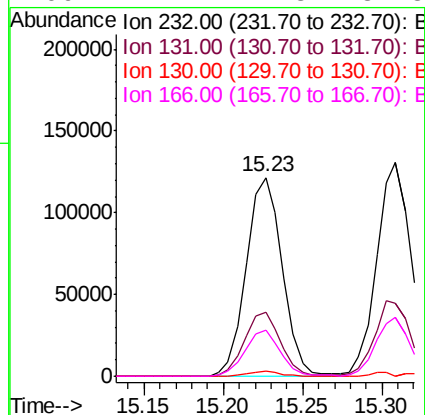
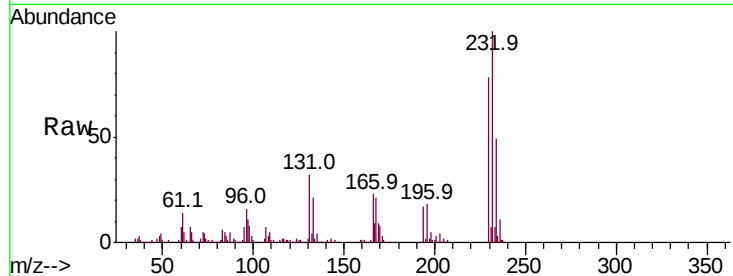




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.603 ng
 RT: 15.23 min Scan# 2066
 Delta R.T. -0.10 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

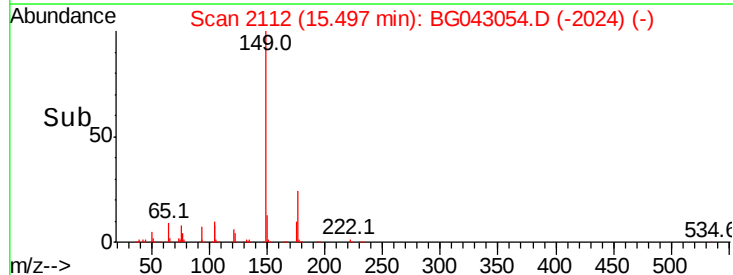
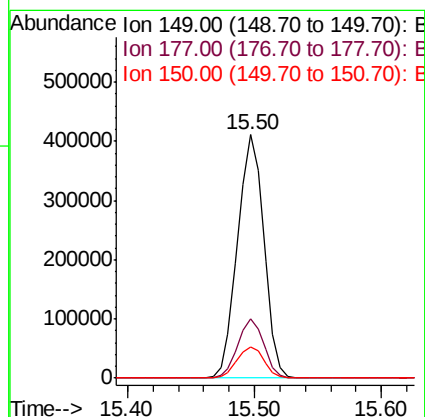
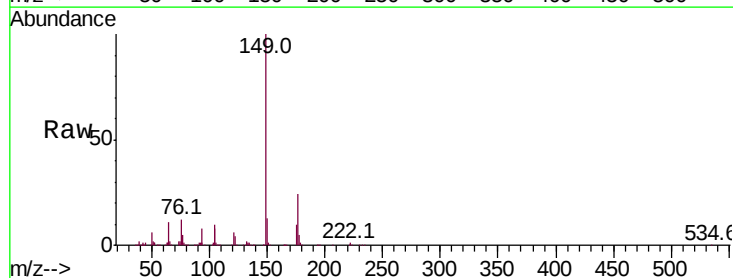
Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MS

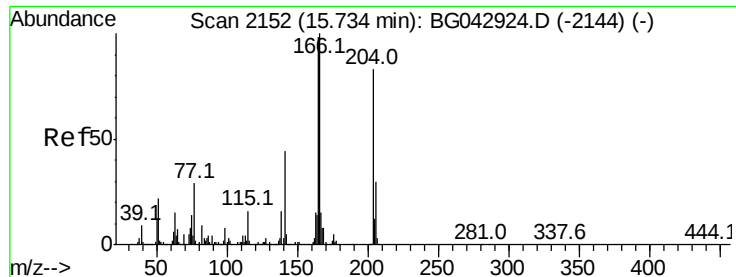
Tot Ion:232	Resp:	192443
Ion Ratio	Lower	Upper
232	100	
131	32.2	29.6 44.4
130	2.3	1.9 2.9
166	22.7	21.8 32.8



#60
 Diethylphthalate
 Concen: 45.298 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

Tgt Ion:149	Resp:	590896
Ion Ratio	Lower	Upper
149	100	
177	24.4	18.8 28.2
150	12.9	10.6 15.8

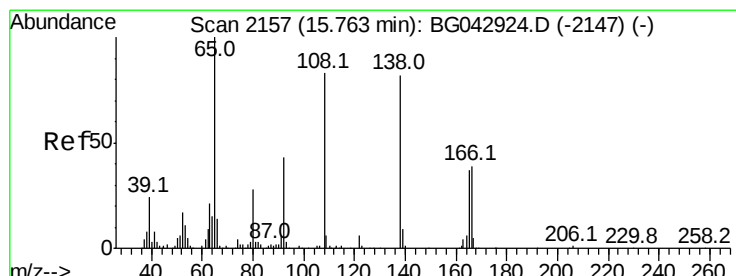
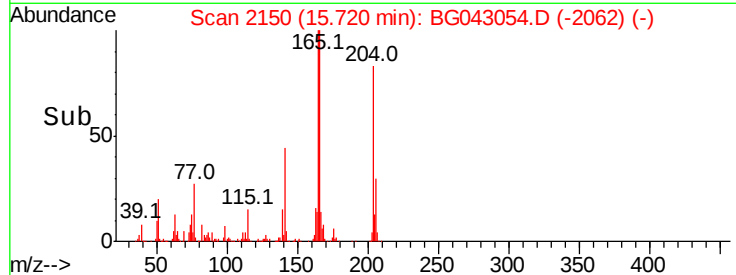
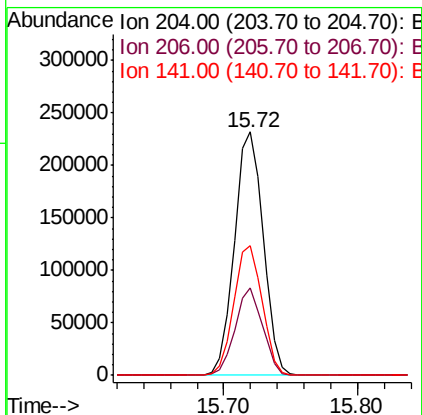
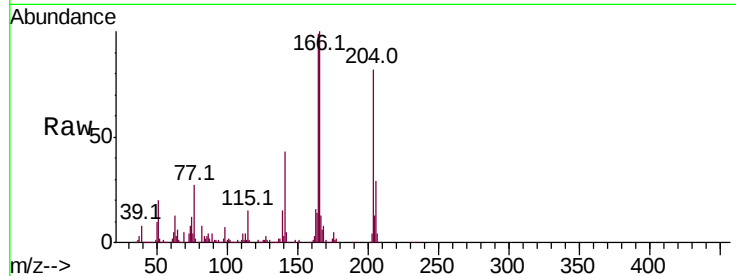




#61
4-Chlorophenyl-phenylether
Concen: 45.969 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

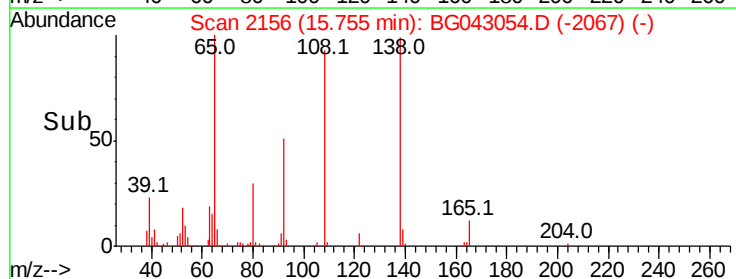
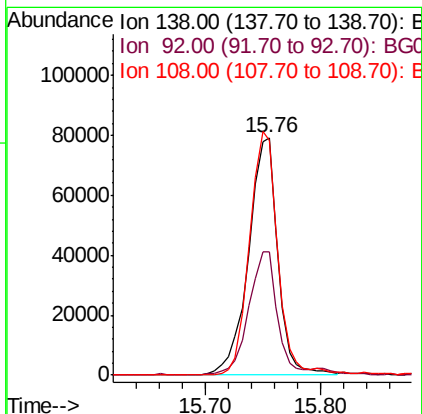
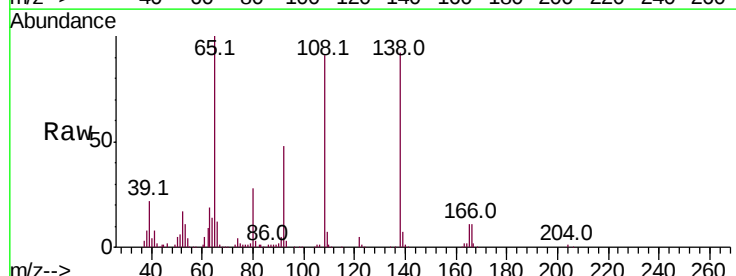
Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MS

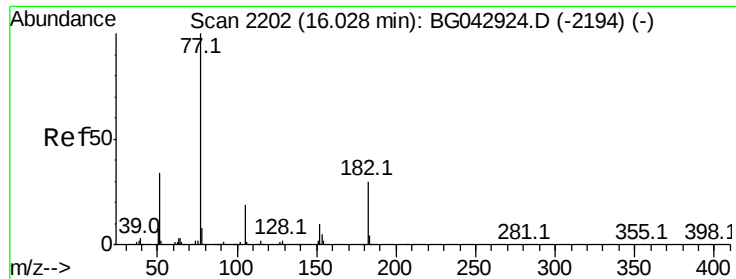
Tot Ion:204 Resp: 346859
Ion Ratio Lower Upper
204 100
206 36.0 28.5 42.7
141 53.1 42.4 63.6



#62
4-Nitroaniline
Concen: 45.678 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion:138 Resp: 140532
Ion Ratio Lower Upper
138 100
92 51.7 32.9 72.9
108 98.7 81.3 121.3

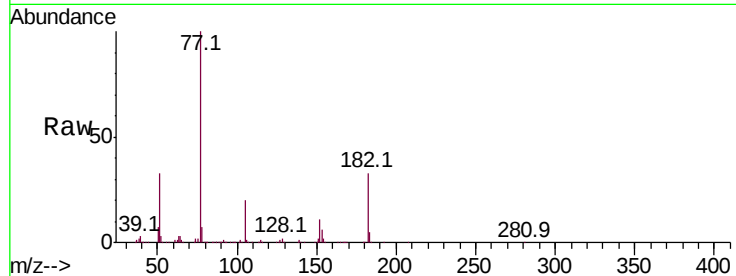




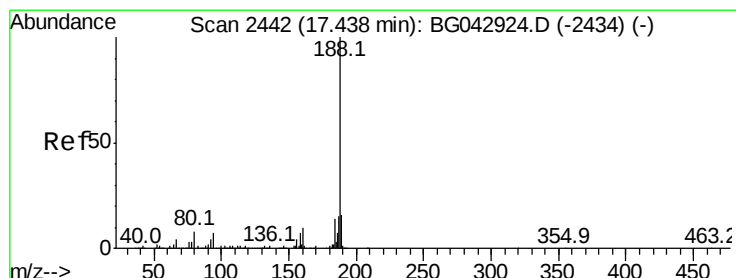
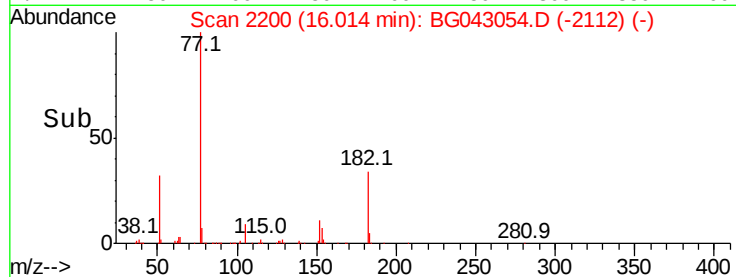
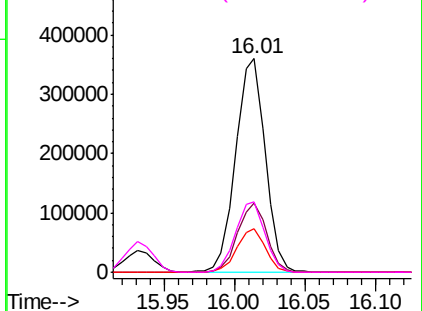
#63
Azobenzene
Concen: 44.091 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MS

Tot Ion:	77	Resp:	523631
Ion	Ratio	Lower	Upper
77	100		
182	32.5	10.2	50.2
105	20.2	0.0	39.1
51	33.1	13.9	53.9

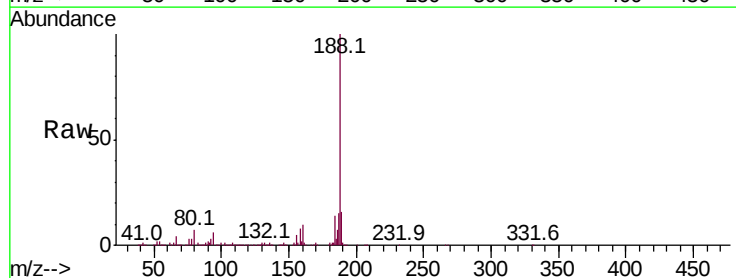


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

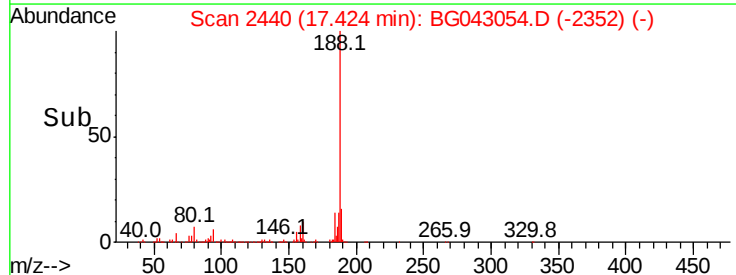
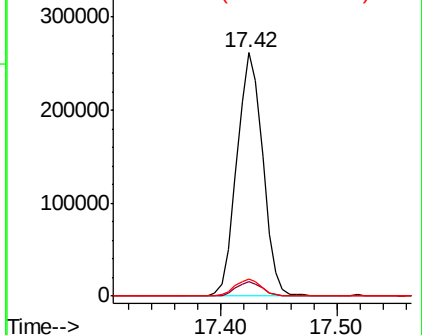


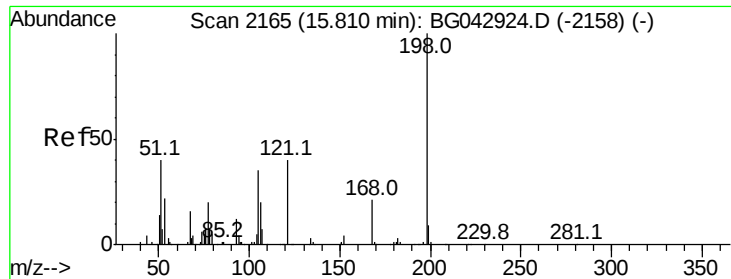
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion:	188	Resp:	406565
Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.7	8.5
80	7.0	6.5	9.7



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

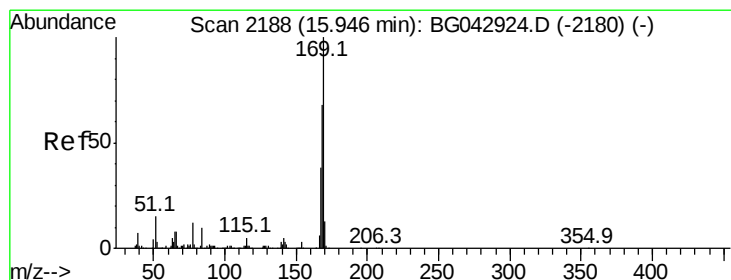
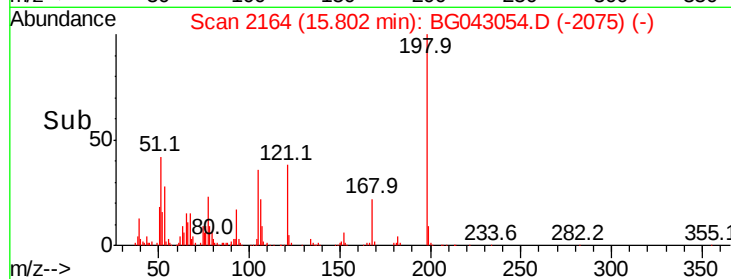
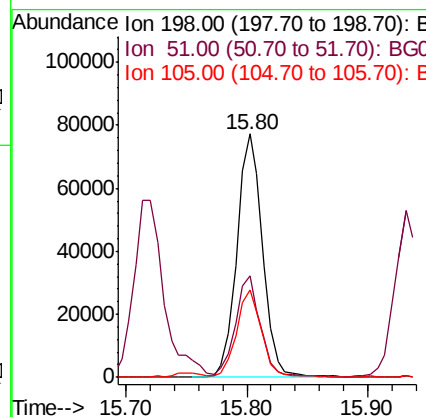
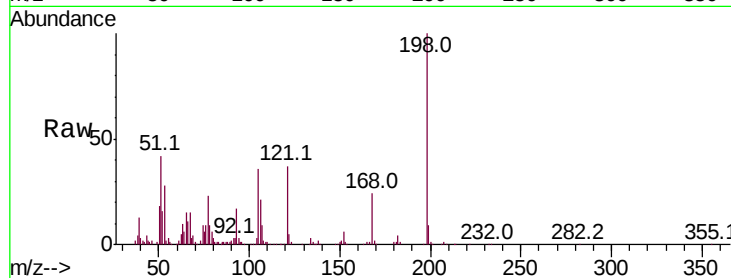




#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.683 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

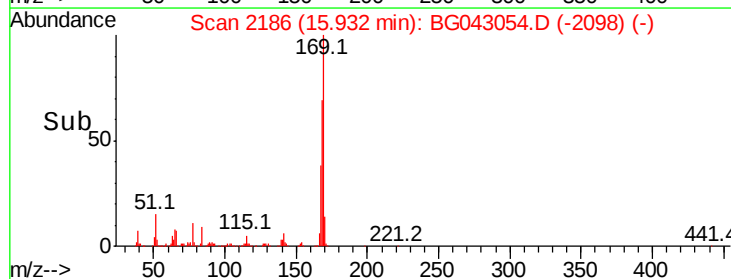
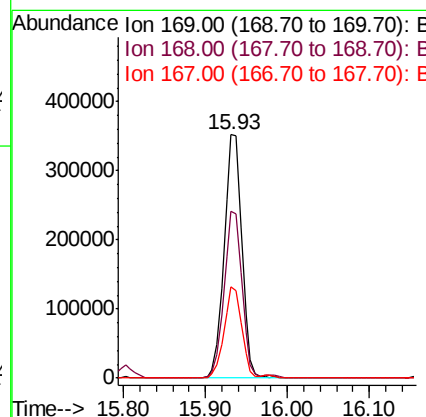
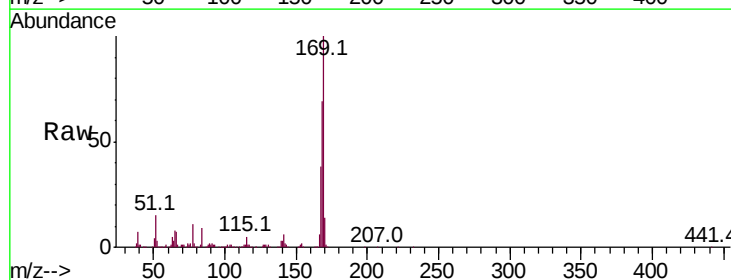
Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MS

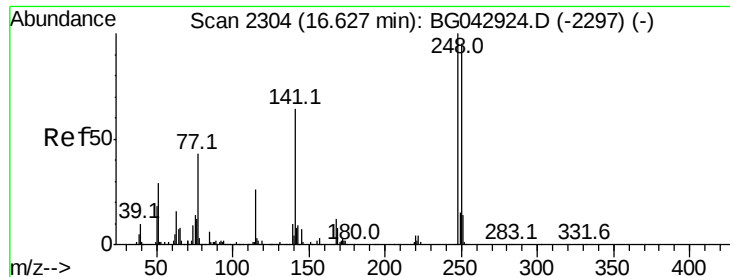
Tot Ion:198 Resp: 114302
 Ion Ratio Lower Upper
 198 100
 51 41.7 25.3 65.3
 105 35.8 16.6 56.6



#66
 n-Nitrosodiphenylamine
 Concen: 49.569 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG043054.D
 Acq: 5 Oct 2019 14:16

Tgt Ion:169 Resp: 532009
 Ion Ratio Lower Upper
 169 100
 168 68.8 54.8 82.2
 167 37.6 30.6 46.0





#67

4-Bromophenyl-phenylether

Concen: 47.353 ng

RT: 16.61 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MS

Tot Ion:248 Resp: 241631

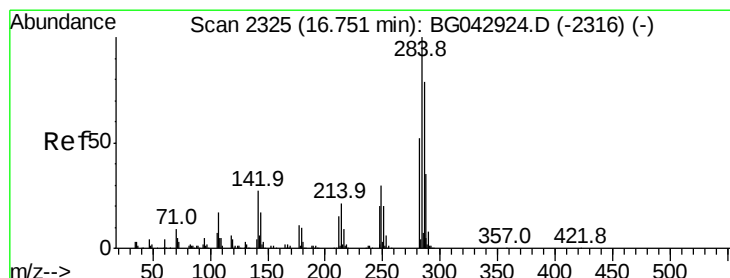
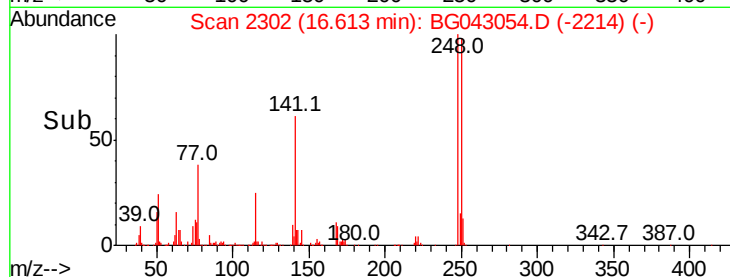
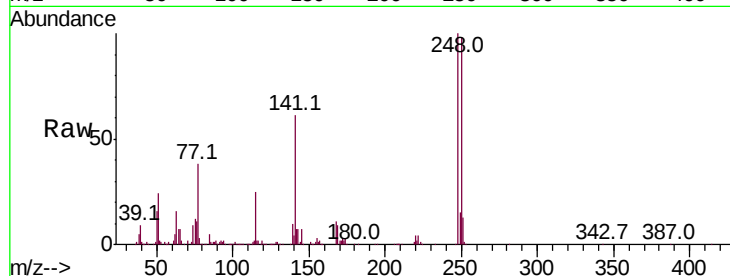
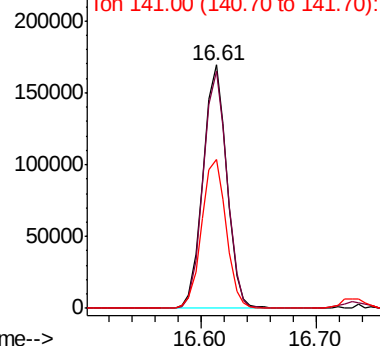
Ion	Ratio	Lower	Upper
248	100		
250	97.6	75.8	113.8
141	61.0	51.1	76.7

Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 46.947 ng

RT: 16.74 min Scan# 2323

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Tgt Ion:284 Resp: 266735

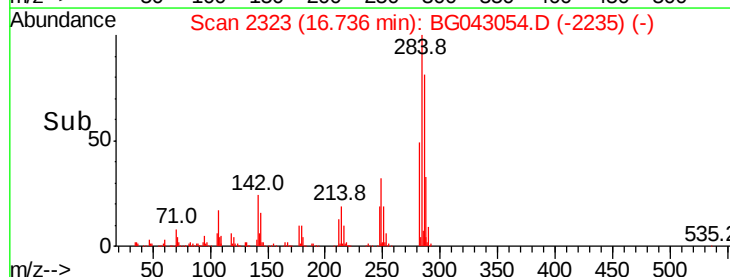
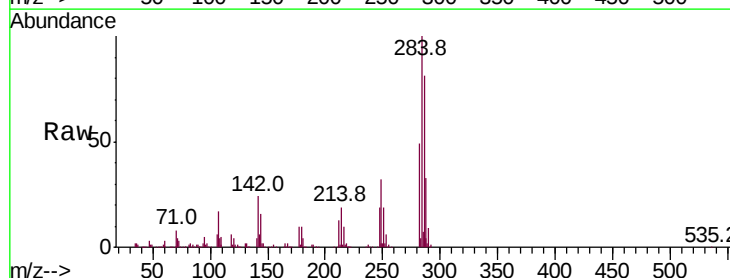
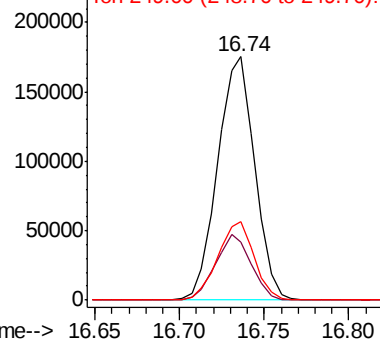
Ion	Ratio	Lower	Upper
284	100		
142	23.9	21.6	32.4
249	32.1	24.1	36.1

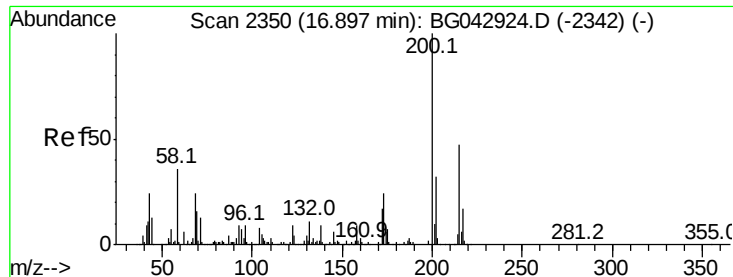
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

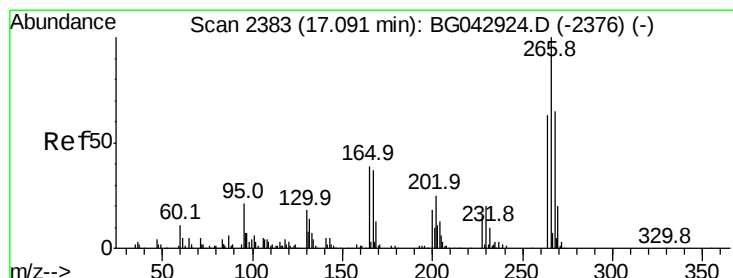
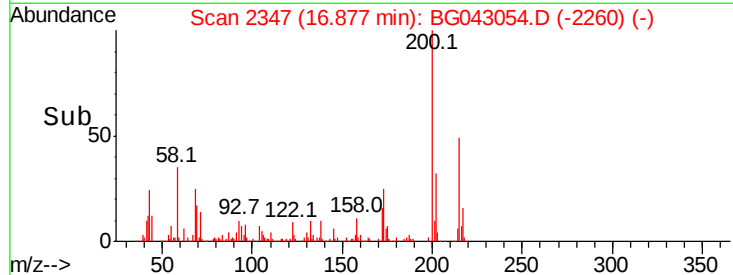
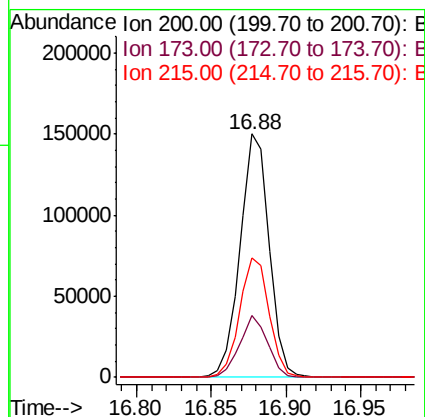
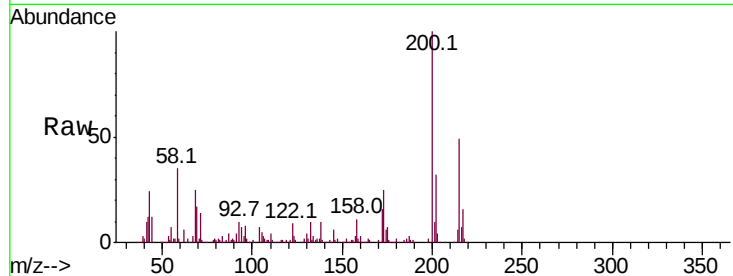




#69
Atrazine
Concen: 44.773 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.02 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

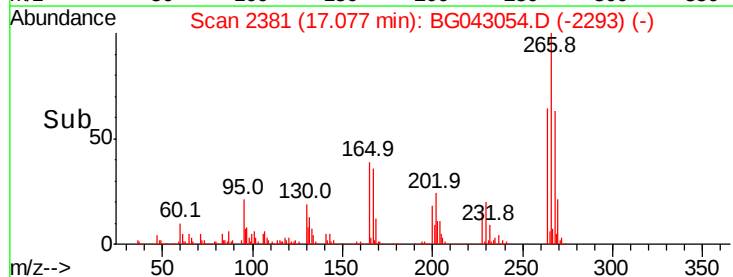
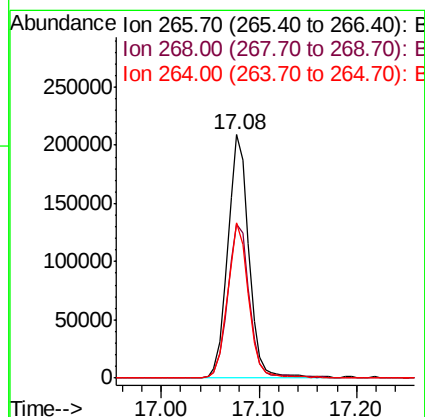
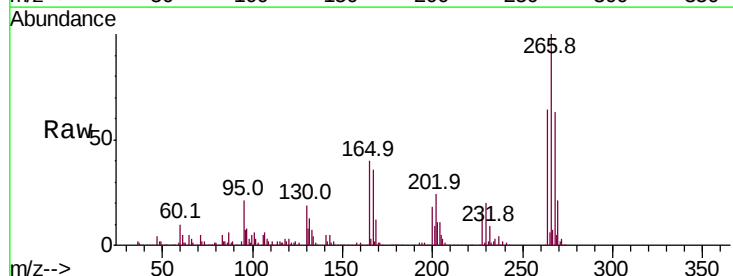
Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MS

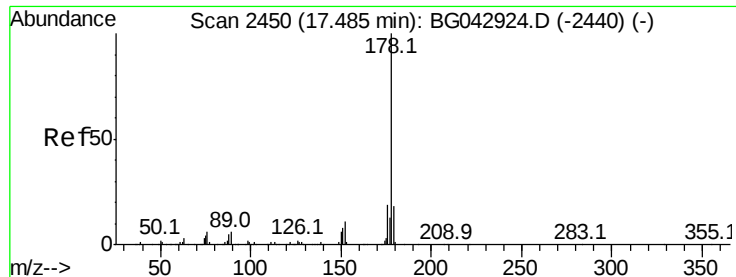
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.3	4.0	44.0
215	49.2	27.4	67.4



#70
Pentachlorophenol
Concen: 95.751 ng
RT: 17.08 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	52.2	78.2
264	63.8	50.7	76.1

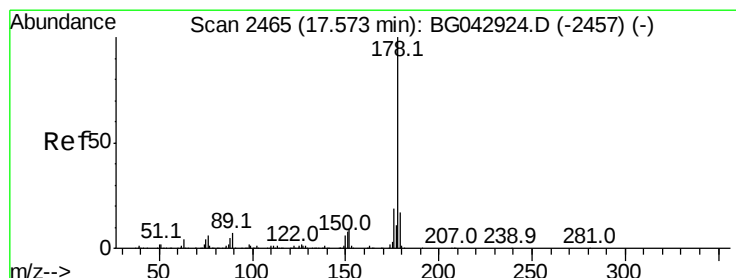
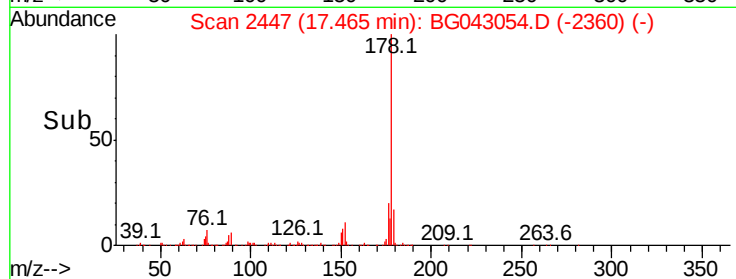
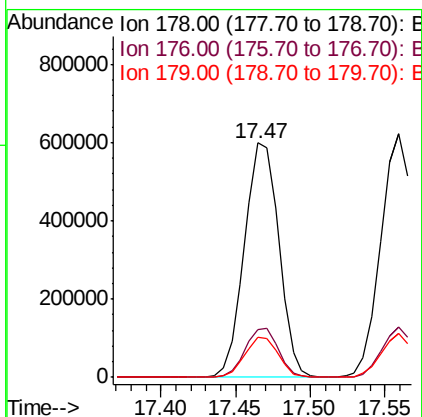
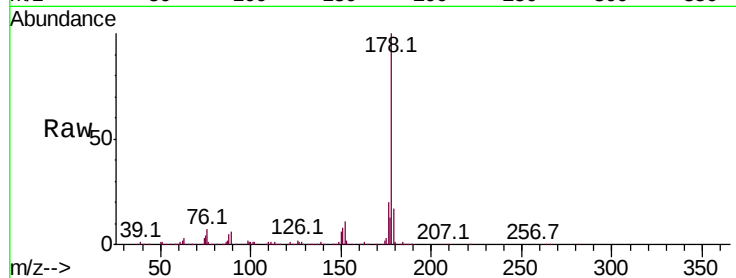




#71
Phenanthrene
Concen: 48.301 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.02 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

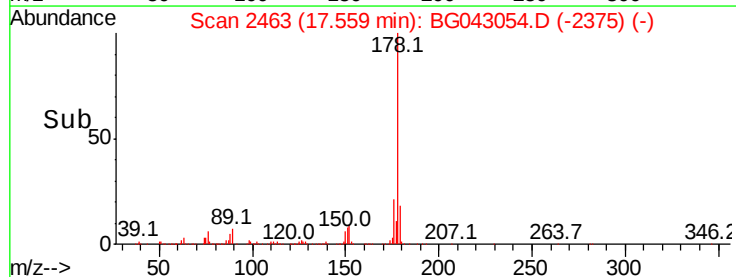
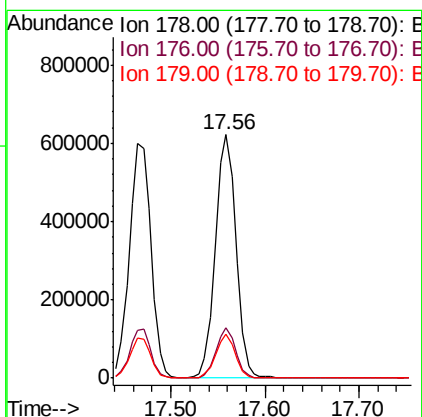
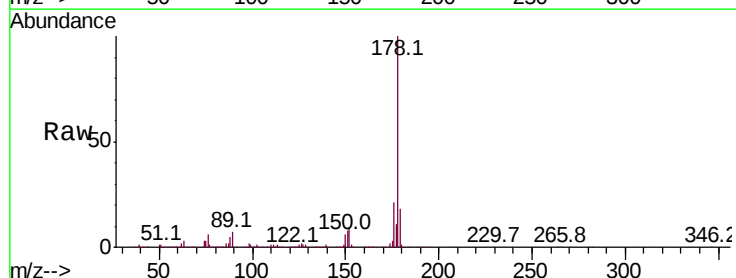
Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MS

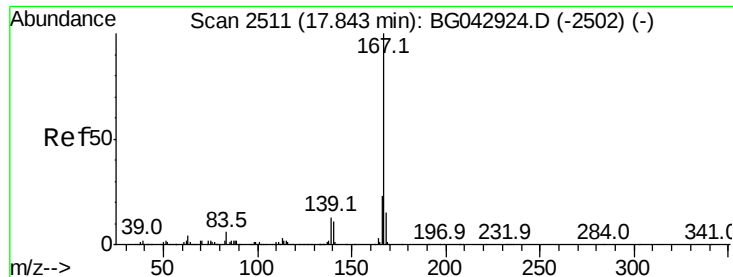
Tot Ion:178 Resp: 958704
Ion Ratio Lower Upper
178 100
176 20.4 15.1 22.7
179 16.8 14.1 21.1



#72
Anthracene
Concen: 48.418 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion:178 Resp: 959407
Ion Ratio Lower Upper
178 100
176 20.8 15.5 23.3
179 17.9 13.5 20.3





#73

Carbazole

Concen: 47.691 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MS

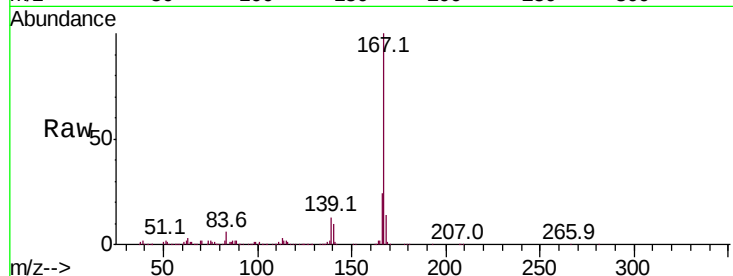
Tot Ion:167 Resp: 876322

Ion Ratio Lower Upper

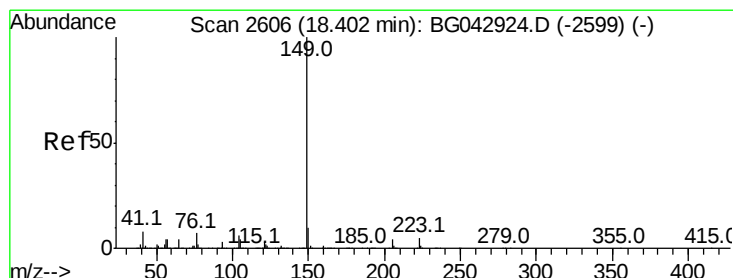
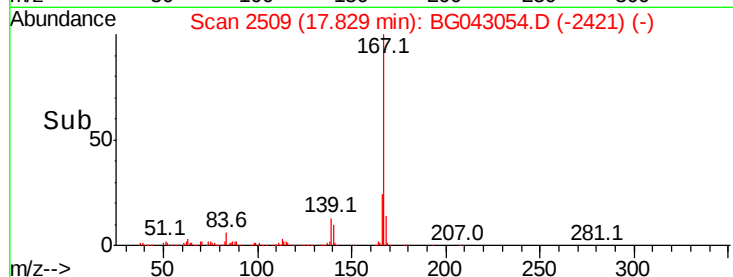
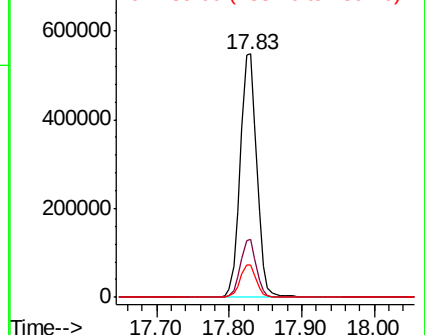
167 100

166 24.1 18.6 28.0

139 13.3 10.8 16.2



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: 45.875 ng

RT: 18.38 min Scan# 2603

Delta R.T. -0.02 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

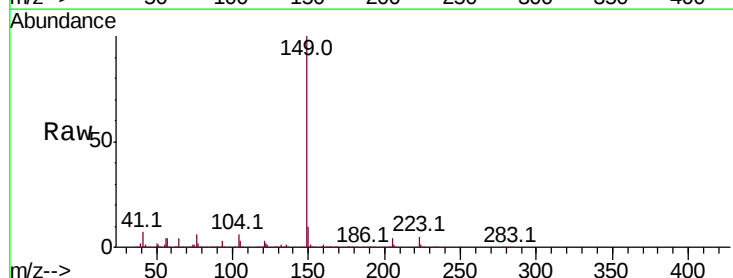
Tgt Ion:149 Resp: 1005743

Ion Ratio Lower Upper

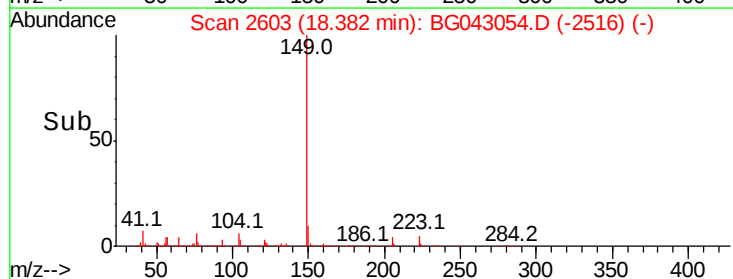
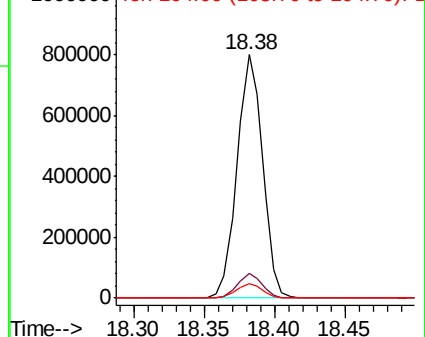
149 100

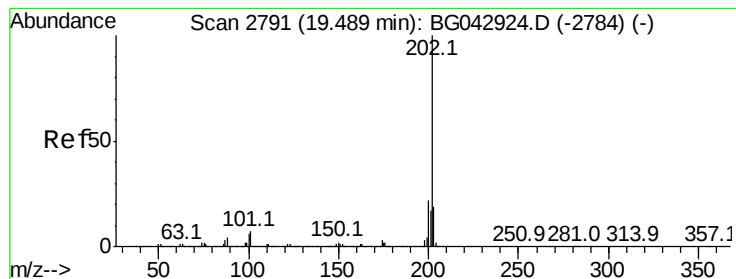
150 9.9 7.7 11.5

104 6.0 5.0 7.6



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: 48.835 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MS

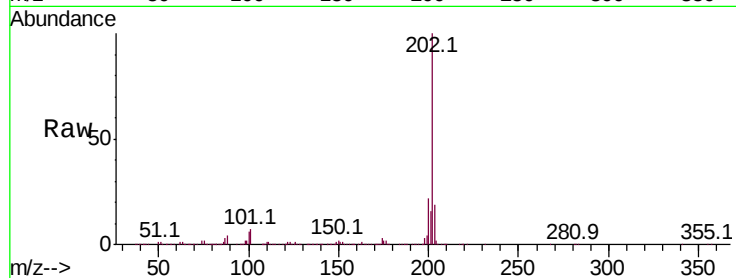
Tot Ion:202 Resp: 1282075

Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	27.3
203	19.1	0.0	39.5

202 100

101 6.9 0.0 27.3

203 19.1 0.0 39.5

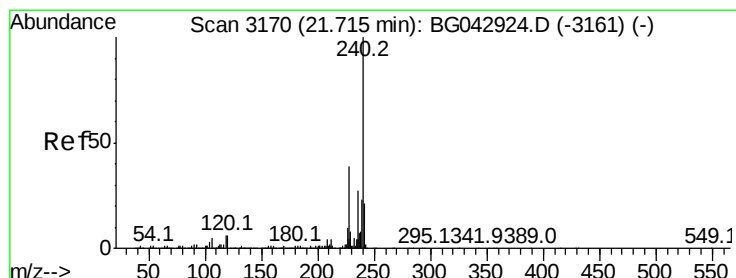
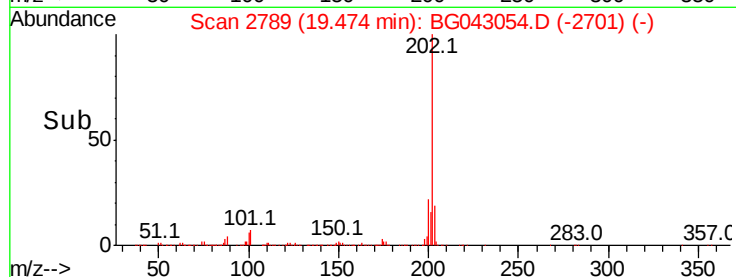
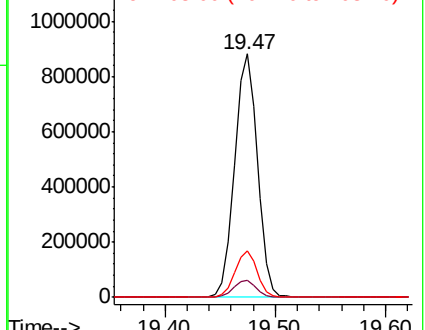


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

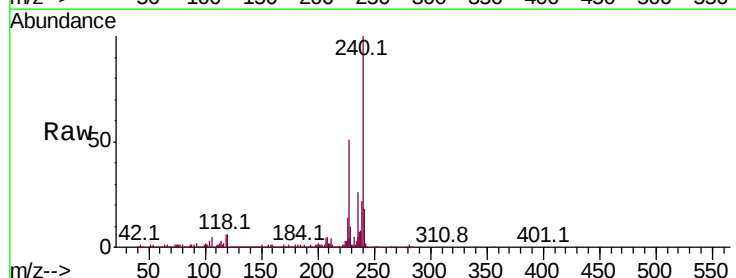
Tgt Ion:240 Resp: 439022

Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.8	7.2
236	26.1	21.4	32.0

240 100

120 6.1 4.8 7.2

236 26.1 21.4 32.0

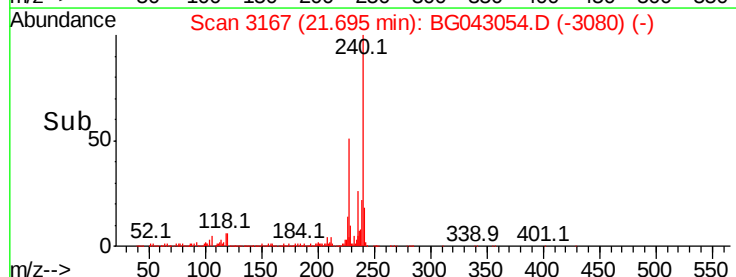
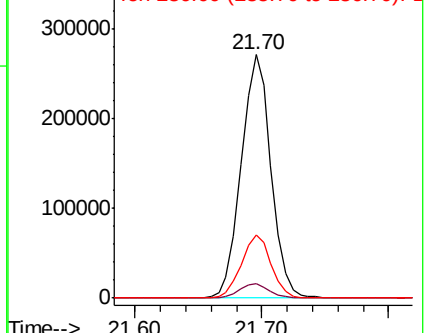


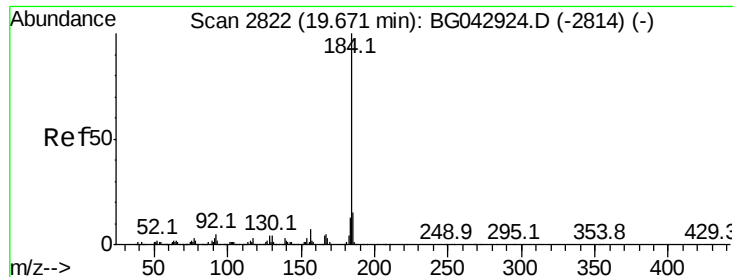
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.742 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

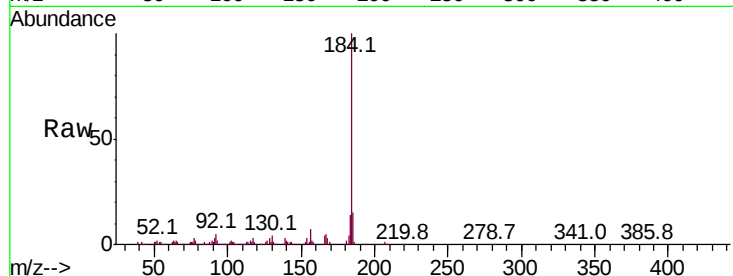
BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MS

Tot Ion:184 Resp: 546793

Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.8	17.8
183	13.5	10.1	15.1

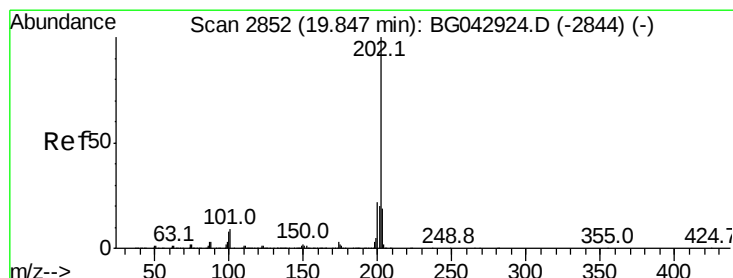
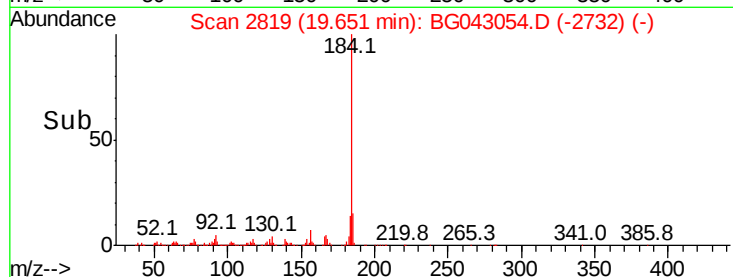
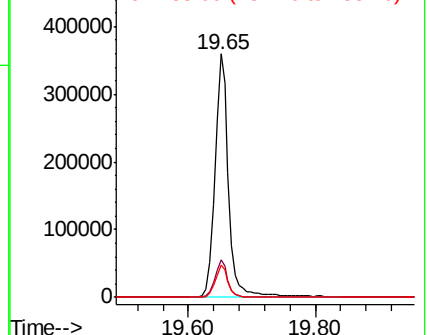


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.912 ng

RT: 19.83 min Scan# 2850

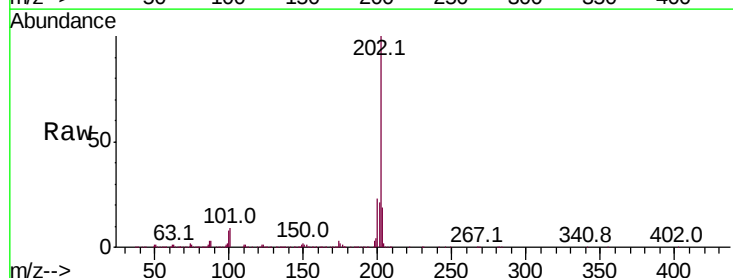
Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Tgt Ion:202 Resp: 1281674

Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.6	26.4
203	19.4	15.2	22.8

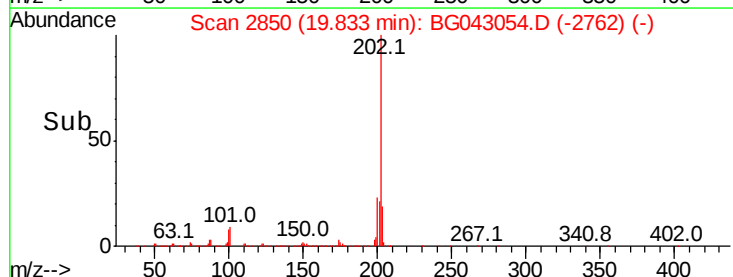
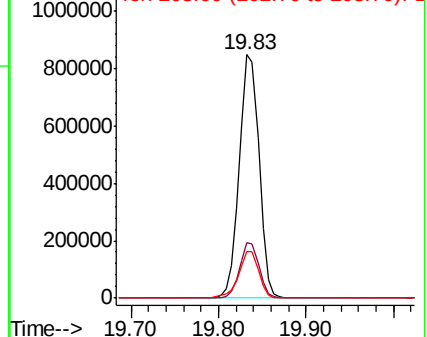


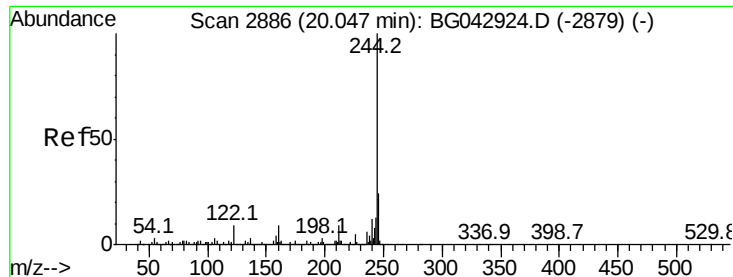
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.247 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MS

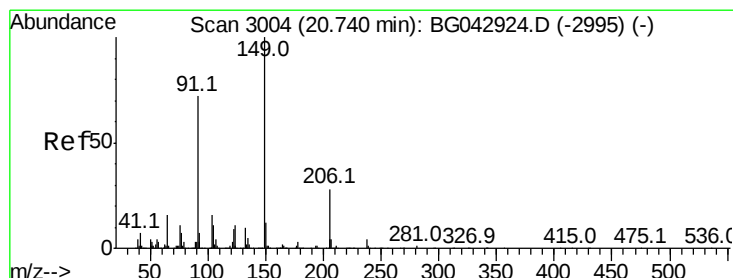
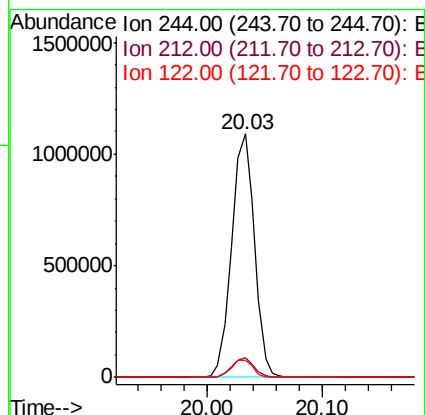
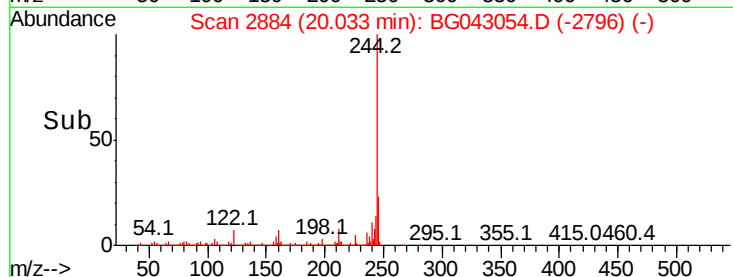
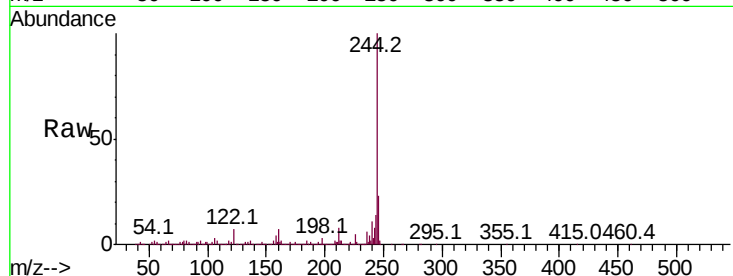
Tot Ion:244 Resp: 1488489

Ion Ratio Lower Upper

244 100

212 8.1 7.4 11.0

122 6.9 7.0 10.4#



#80

Butylbenzylphthalate

Concen: 46.958 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.02 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

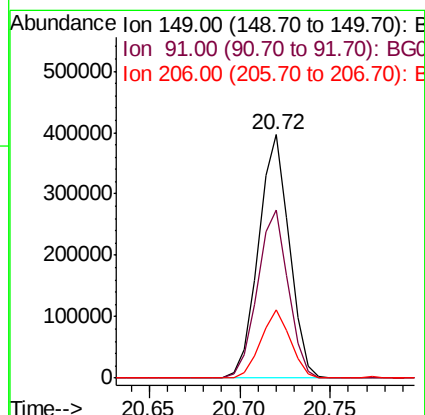
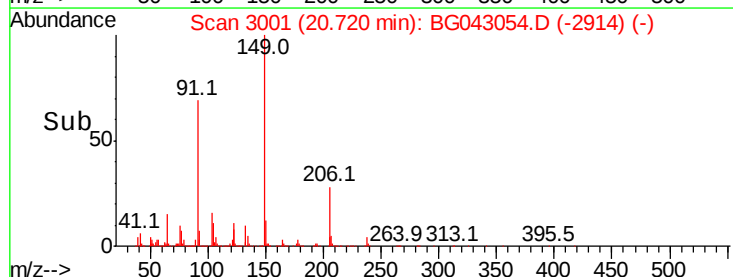
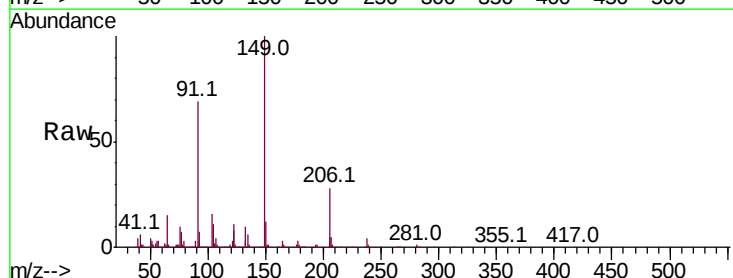
Tgt Ion:149 Resp: 467056

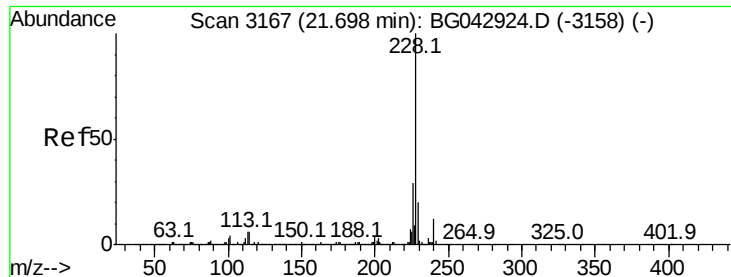
Ion Ratio Lower Upper

149 100

91 68.8 57.7 86.5

206 28.0 22.6 33.8





#81

Benzo(a)anthracene

Concen: 47.382 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.02 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

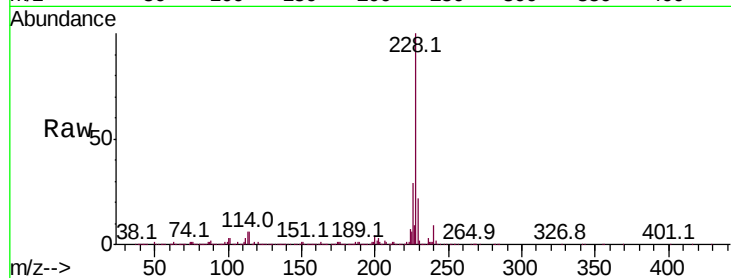
BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MS

Tot Ion:228 Resp: 1296127

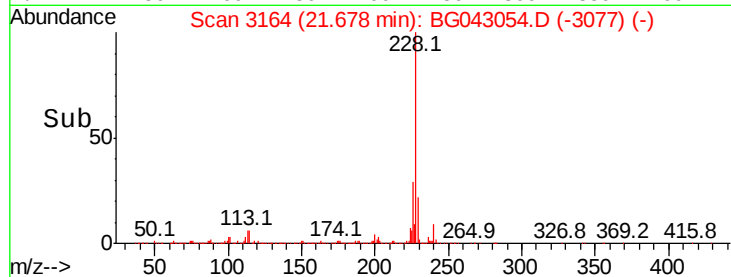
Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.0	34.4
229	21.9	16.3	24.5



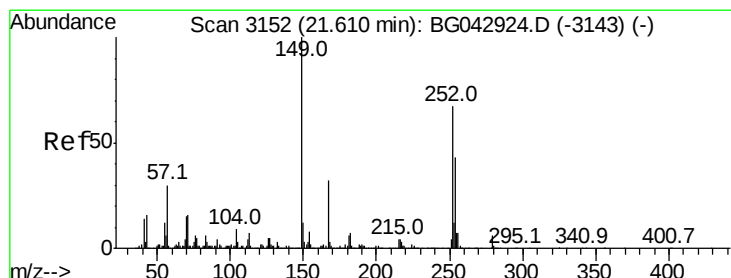
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 35.543 ng

RT: 21.59 min Scan# 3149

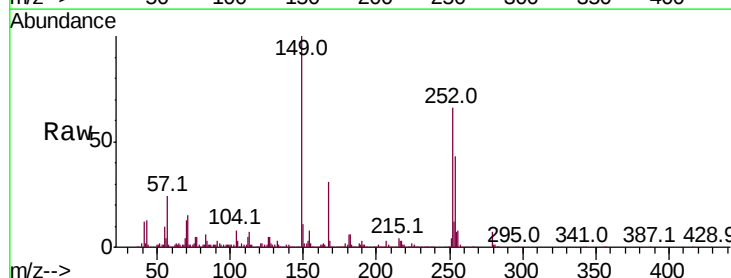
Delta R.T. -0.02 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Tgt Ion:252 Resp: 381341

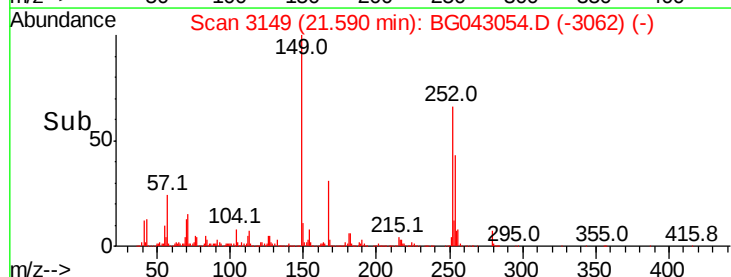
Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.9	77.9
126	7.1	6.1	9.1



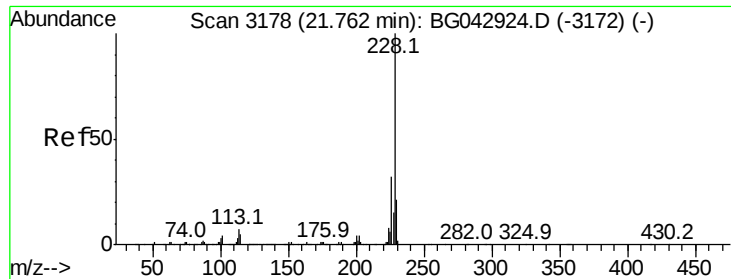
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->



#83

Chrysene

Concen: 47.344 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

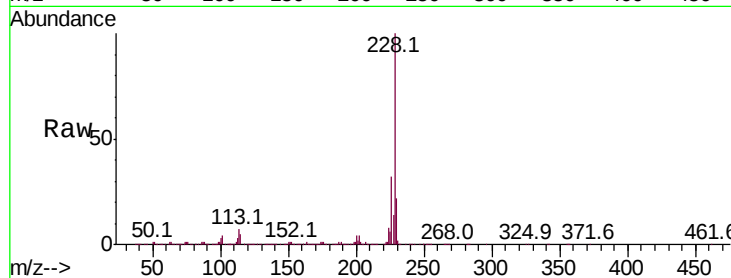
BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MS

Tot Ion:228 Resp: 1256809

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.6	38.4
229	21.5	16.9	25.3

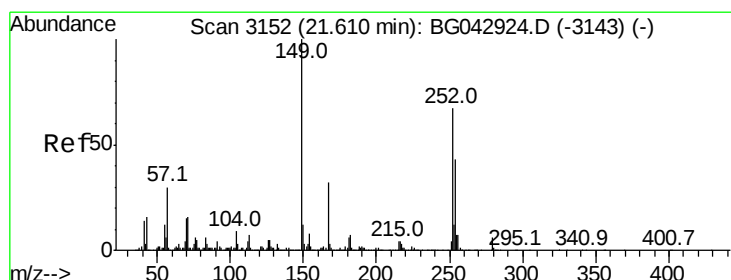
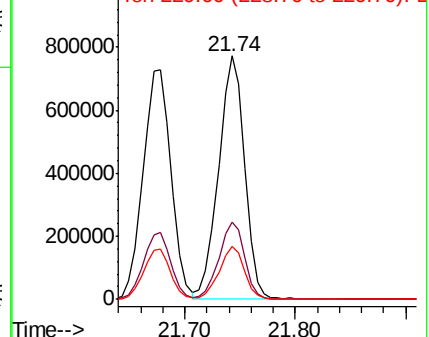
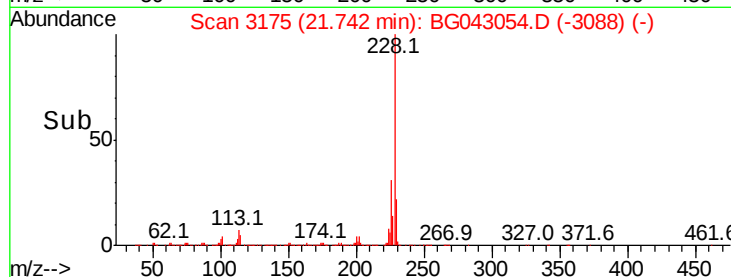


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.142 ng

RT: 21.58 min Scan# 3148

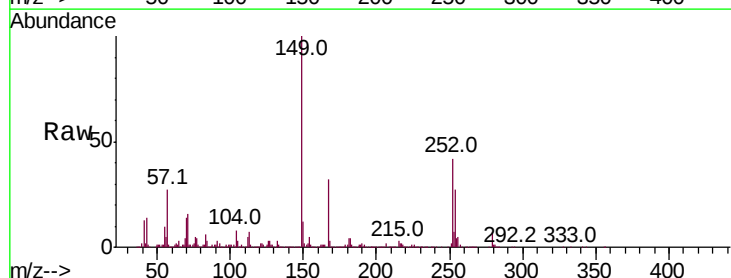
Delta R.T. -0.03 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Tgt Ion:149 Resp: 681349

Ion	Ratio	Lower	Upper
149	100		
167	31.7	25.4	38.2
279	6.5	5.1	7.7

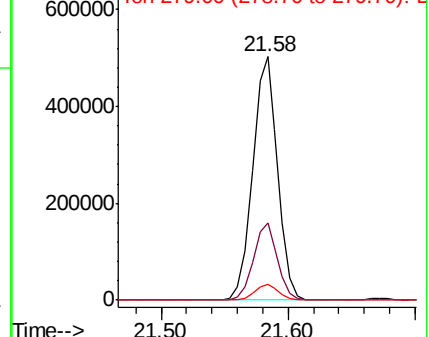
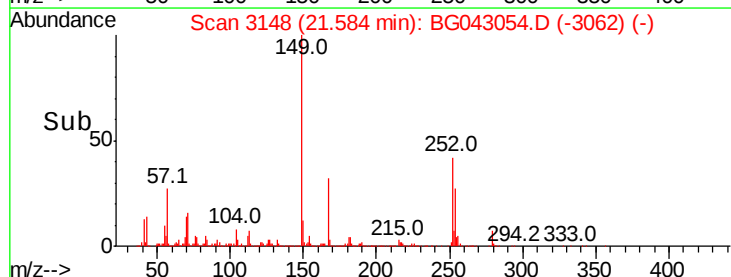


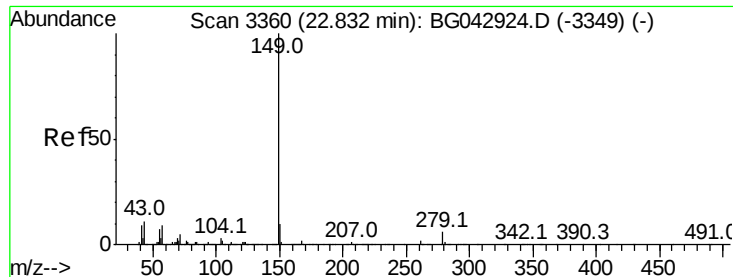
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

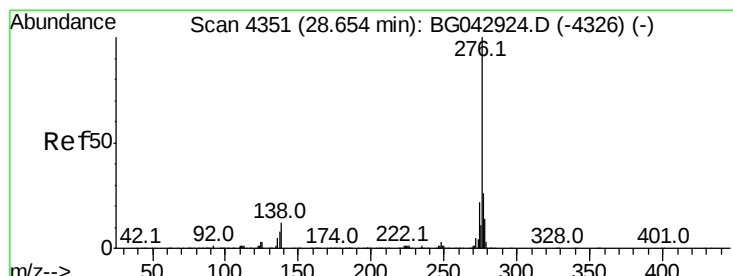
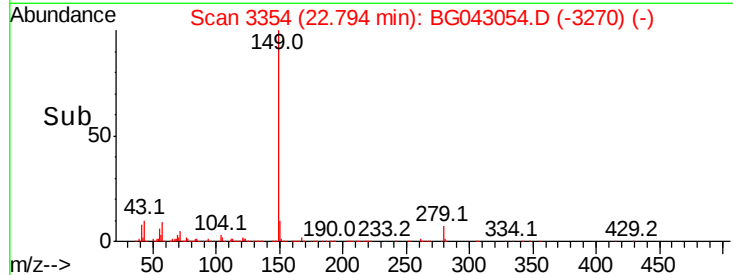
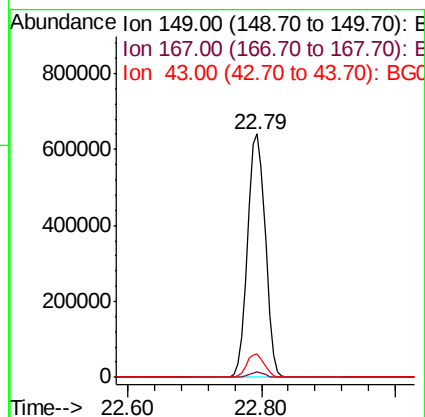
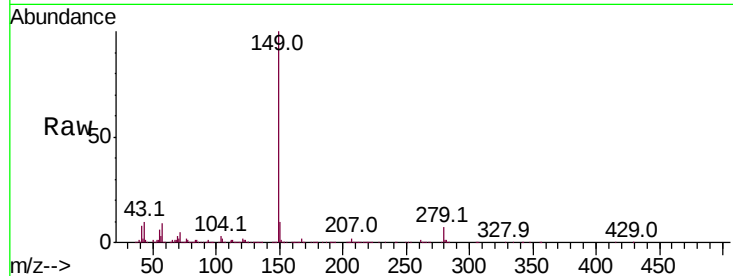




#85
Di-n-octyl phthalate
Concen: 49.959 ng
RT: 22.79 min Scan# 3354
Delta R.T. -0.04 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

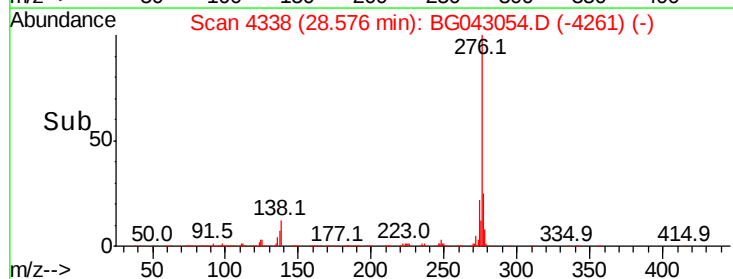
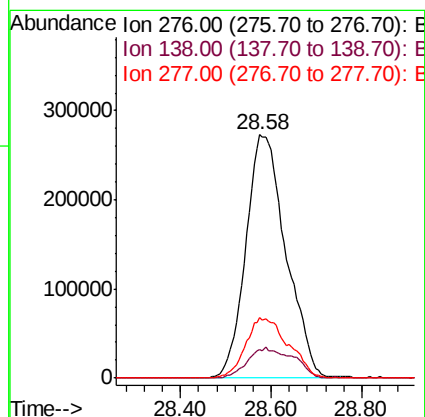
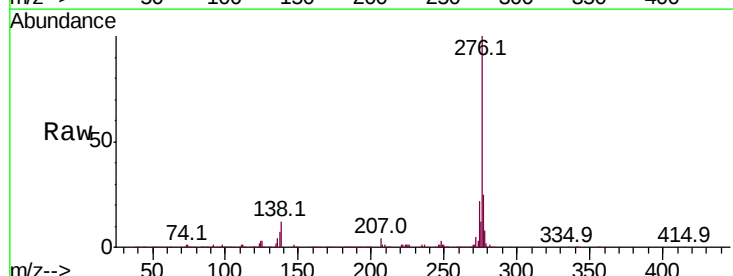
Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MS

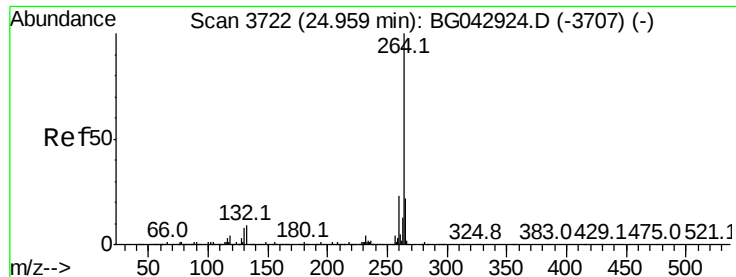
Tot Ion:149 Resp: 1156197
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 9.4 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 50.710 ng
RT: 28.58 min Scan# 4338
Delta R.T. -0.08 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion:276 Resp: 1675829
Ion Ratio Lower Upper
276 100
138 14.3 7.0 10.6#
277 26.3 20.9 31.3

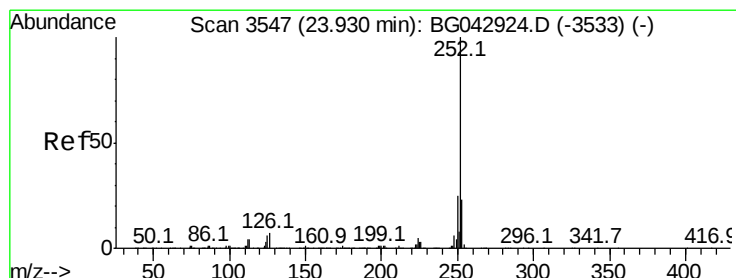
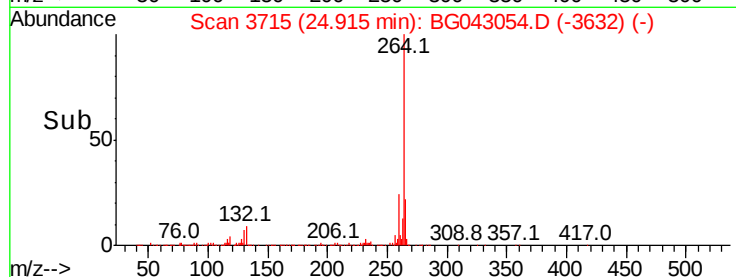
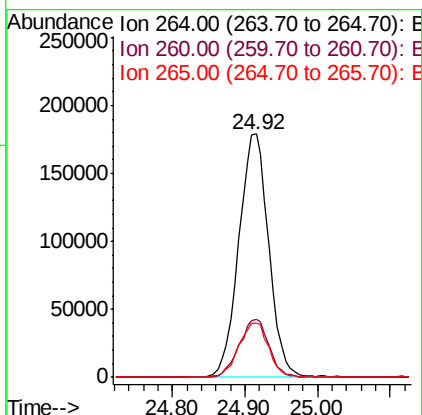
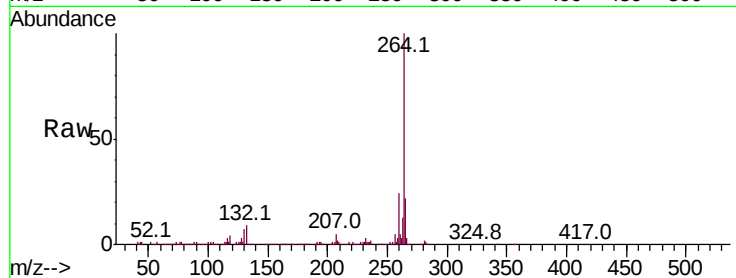




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3715
Delta R.T. -0.04 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

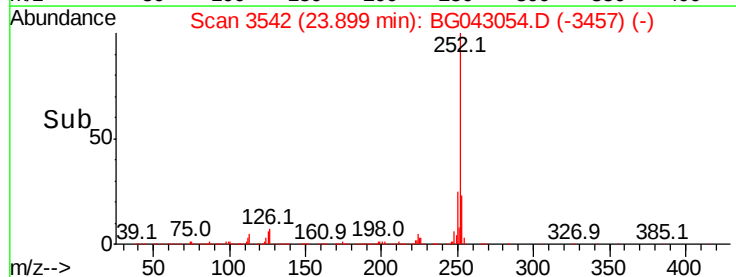
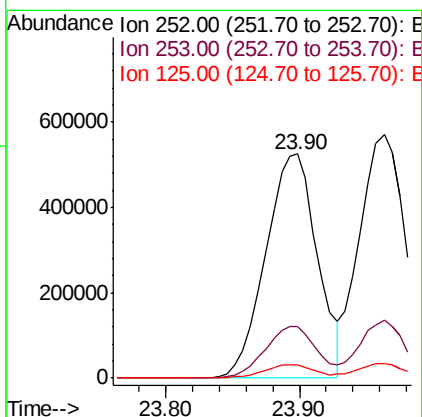
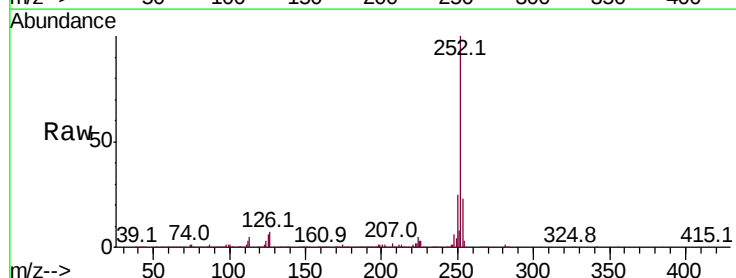
Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MS

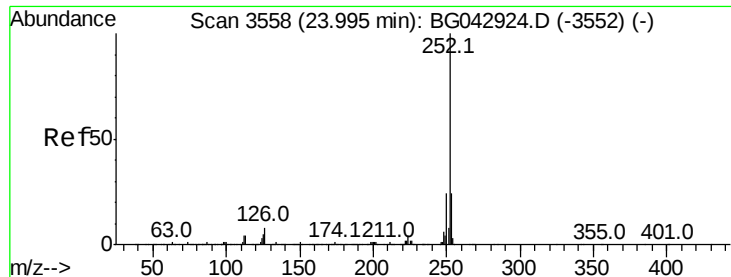
Tot	Ion:264	Resp:	512325
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.0	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 48.673 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.03 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt	Ion:252	Resp:	1410958
Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	5.9	4.6	7.0





#89

Benzo(k)fluoranthene

Concen: 47.496 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.03 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MS

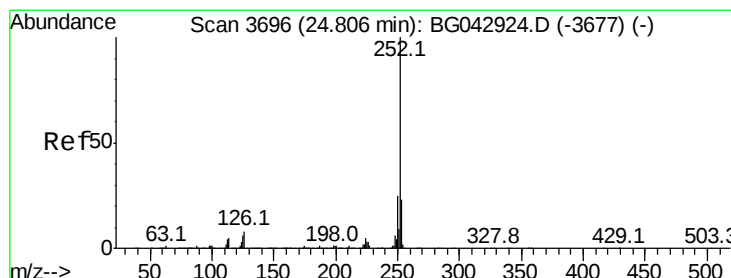
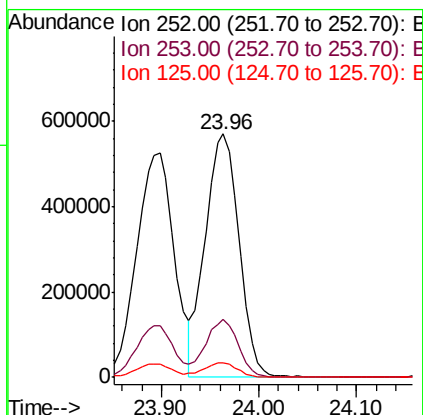
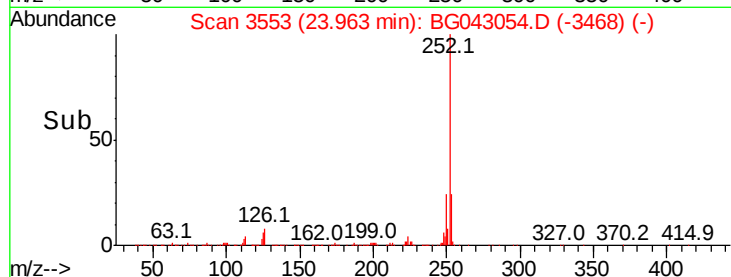
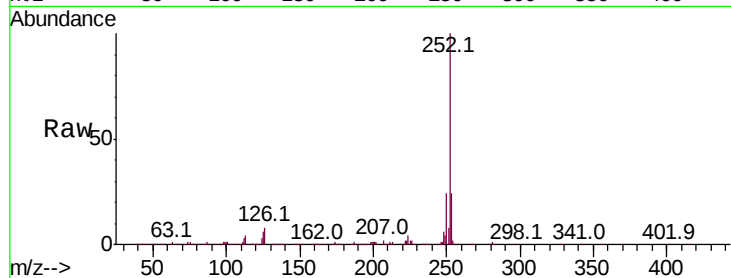
Tot Ion:252 Resp: 1362077

Ion Ratio Lower Upper

252 100

253 23.8 18.9 28.3

125 5.8 4.5 6.7



#90

Benzo(a)pyrene

Concen: 50.098 ng

RT: 24.76 min Scan# 3689

Delta R.T. -0.04 min

Lab File: BG043054.D

Acq: 5 Oct 2019 14:16

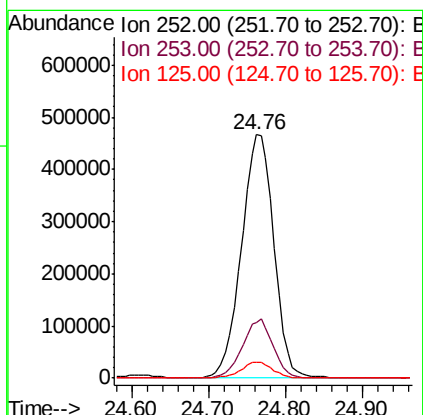
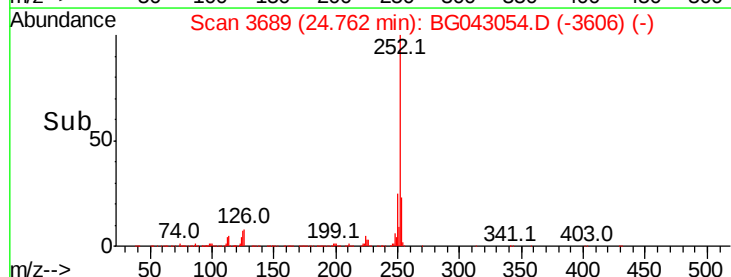
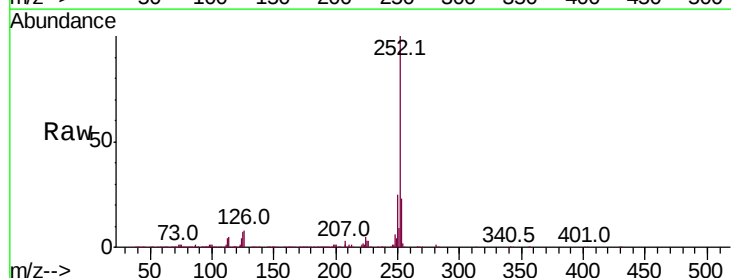
Tgt Ion:252 Resp: 1370154

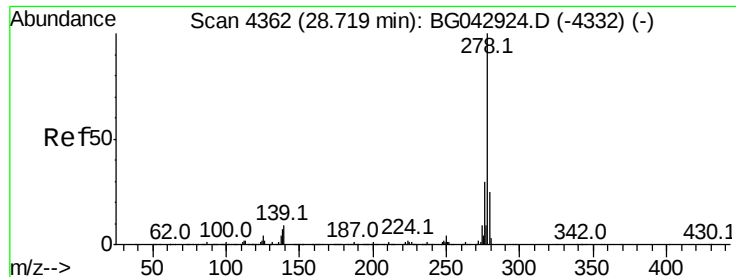
Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.4

125 6.7 5.0 7.6

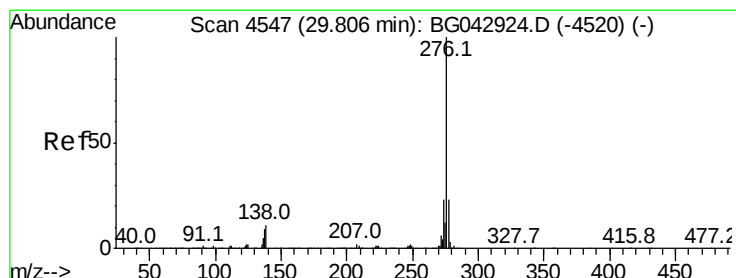
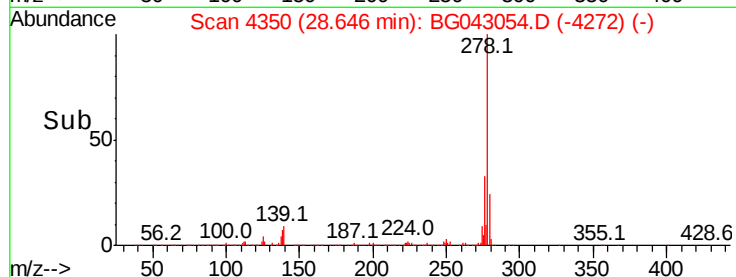
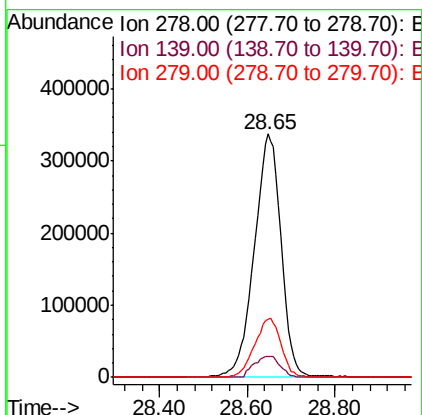
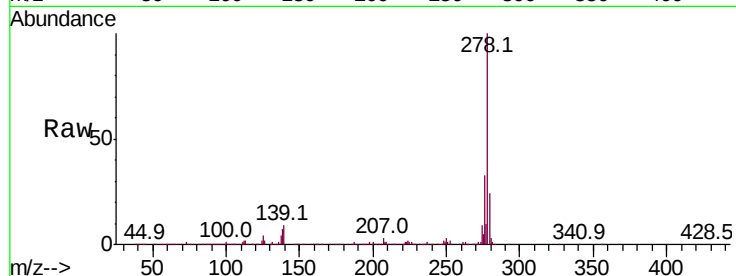




#91
Dibenzo(a,h)anthracene
Concen: 50.140 ng
RT: 28.65 min Scan# 4350
Delta R.T. -0.07 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MS

Tot Ion:278 Resp: 1406163
Ion Ratio Lower Upper
278 100
139 8.6 6.8 10.2
279 24.0 20.1 30.1



#92
Benzo(g,h,i)perylene
Concen: 51.090 ng
RT: 29.73 min Scan# 4535
Delta R.T. -0.07 min
Lab File: BG043054.D
Acq: 5 Oct 2019 14:16

Tgt Ion:276 Resp: 1388289
Ion Ratio Lower Upper
276 100
277 23.5 18.4 27.6
138 12.0 8.6 12.8

