

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG123019\
 Data File : BG043865.D
 Acq On : 30 Dec 2019 15:51
 Operator : JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC100

Manual Integrations
 APPROVED

mohammad

12/31/2019 1:48:05 PM

Quant Time: Dec 30 17:19:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 30 14:25:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	179159	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	712923	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	444403	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	826524	20.00	ng	0.00
76) Chrysene-d12	21.60	240	664541	20.00	ng	0.00
87) Perylene-d12	24.72	264	781073	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	1657919	169.19	ng	0.00
7) Phenol-d6	7.14	99	2273272	165.56	ng	0.01
23) Nitrobenzene-d5	9.13	82	2622905	203.95	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	849198	182.22	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	4028067	162.48	ng	0.00
79) Terphenyl-d14	19.96	244	4004653	147.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	385385	90.528	ng	99
3) Pyridine	3.83	79	1089553	86.829	ng	99
4) n-Nitrosodimethylamine	3.75	42	511895	91.224	ng	99
6) Aniline	7.30	93	1572963	87.393	ng	96
8) 2-Chlorophenol	7.53	128	1003072	87.285	ng	96
9) Benzaldehyde	7.10	77	806815	100.383	ng	97
10) Phenol	7.16	94	1222370	86.541	ng	94
11) bis(2-Chloroethyl)ether	7.39	93	1066582	87.632	ng	96
12) 1,3-Dichlorobenzene	7.86	146	1168422	86.844	ng	96
13) 1,4-Dichlorobenzene	8.00	146	1160189	87.462	ng	95
14) 1,2-Dichlorobenzene	8.33	146	1105493	86.705	ng	98
15) Benzyl Alcohol	8.21	79	982471	90.943	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.50	45	1669200	88.493	ng	98
17) 2-Methylphenol	8.41	107	922741	90.414	ng	96
18) Hexachloroethane	9.05	117	467176	90.145	ng	97
19) n-Nitroso-di-n-propylamine	8.79	70	908390	89.023	ng	94
20) 3+4-Methylphenols	8.75	107	1264534	88.847	ng	97
22) Acetophenone	8.79	105	1571114	88.554	ng	# 93
24) Nitrobenzene	9.17	77	1222347	92.673	ng	97
25) Isophorone	9.70	82	2271636	90.877	ng	95
26) 2-Nitrophenol	9.88	139	640045	102.500	ng	96
27) 2,4-Dimethylphenol	9.95	122	890237	94.746	ng	100
28) bis(2-Chloroethoxy)methane	10.18	93	1481831	88.870	ng	96
29) 2,4-Dichlorophenol	10.42	162	1049126	93.726	ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	1154453	91.814	ng	97
31) Naphthalene	10.82	128	2872473	83.273	ng	# 90
32) Benzoic acid	10.15	122	815901m	112.503	ng	
33) 4-Chloroaniline	10.92	127	1489935	90.684	ng	94
34) Hexachlorobutadiene	11.12	225	723503	94.283	ng	100
35) Caprolactam	11.73	113	396291m	95.231	ng	
36) 4-Chloro-3-methylphenol	12.06	107	1101327	92.042	ng	99
37) 2-Methylnaphthalene	12.43	142	2232015	85.951	ng	97
38) 1-Methylnaphthalene	12.64	142	2124814	86.325	ng	# 98
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	1205026	92.607	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	692025	101.945	nq	99
43) 2,4,6-Trichlorophenol	13.03	196	859142	95.717	nq	98
44) 2,4,5-Trichlorophenol	13.11	196	877627	95.007	nq	98
46) 1,1'-Biphenyl	13.44	154	2621224	82.126	nq	84
47) 2-Chloronaphthalene	13.48	162	2215125	86.137	nq #	88
48) 2-Nitroaniline	13.67	65	794257	96.040	nq	97
49) Acenaphthylene	14.32	152	3012454	81.548	nq #	86
50) Dimethylphthalate	14.07	163	2563815	81.115	nq #	93
51) 2,6-Dinitrotoluene	14.17	165	668311	93.675	nq	98
52) Acenaphthene	14.66	154	2323553	89.648	nq	94
53) 3-Nitroaniline	14.50	138	734644	90.601	nq	98
54) 2,4-Dinitrophenol	14.70	184	368500	114.902	nq	97
55) Dibenzofuran	15.00	168	2818989	78.849	nq #	83
56) 4-Nitrophenol	14.81	139	576469	92.687	nq	100
57) 2,4-Dinitrotoluene	14.96	165	884613	91.116	nq	96
58) Fluorene	15.65	166	2283219	80.610	nq #	98
59) 2,3,4,6-Tetrachlorophenol	15.22	232	732025	92.124	nq	99
60) Diethylphthalate	15.43	149	2527328	79.936	nq #	90
61) 4-Chlorophenyl-phenylether	15.64	204	1329998	86.495	nq	95
62) 4-Nitroaniline	15.67	138	695532	86.933	nq	98
63) Azobenzene	15.93	77	2387254	81.498	nq	88
65) 4,6-Dinitro-2-methylphenol	15.72	198	445585	111.060	nq	95
66) n-Nitrosodiphenylamine	15.86	169	2136040	87.516	nq	91
67) 4-Bromophenyl-phenylether	16.53	248	885070	95.268	nq	98
68) Hexachlorobenzene	16.66	284	940066	93.775	nq	97
69) Atrazine	16.80	200	613416	77.368	nq	98
70) Pentachlorophenol	16.99	266	561567	101.566	nq	99
71) Phenanthrene	17.39	178	3110320	78.410	nq #	82
72) Anthracene	17.48	178	3070727	78.399	nq #	83
73) Carbazole	17.74	167	2859080	78.926	nq #	88
77) Benzidine	19.56	184	1314143	76.758	nq #	91
80) Butylbenzylphthalate	20.65	149	1824026	88.425	nq #	93
81) Benzo(a)anthracene	21.58	228	3392662	82.290	nq #	83
82) 3,3'-Dichlorobenzidine	21.49	252	1398680	85.437	nq	94
83) Chrysene	21.64	228	3229305	82.508	nq #	82
84) Bis(2-ethylhexyl)phthalate	21.50	149	2360670	83.093	nq #	87
85) Di-n-octyl phthalate	22.70	149	3937732	82.206	nq #	92
86) Indeno(1,2,3-cd)pyrene	28.30	276	5132787	96.465	nq #	92
88) Benzo(b)fluoranthene	23.74	252	4035171	87.313	nq #	91
89) Benzo(k)fluoranthene	23.81	252	3665060	83.660	nq #	90
90) Benzo(a)pyrene	24.59	252	3843548	88.245	nq	93
91) Dibenzo(a,h)anthracene	28.36	278	4000404	91.473	nq	96
92) Benzo(g,h,i)perylene	29.41	276	4091845	94.147	nq	99

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

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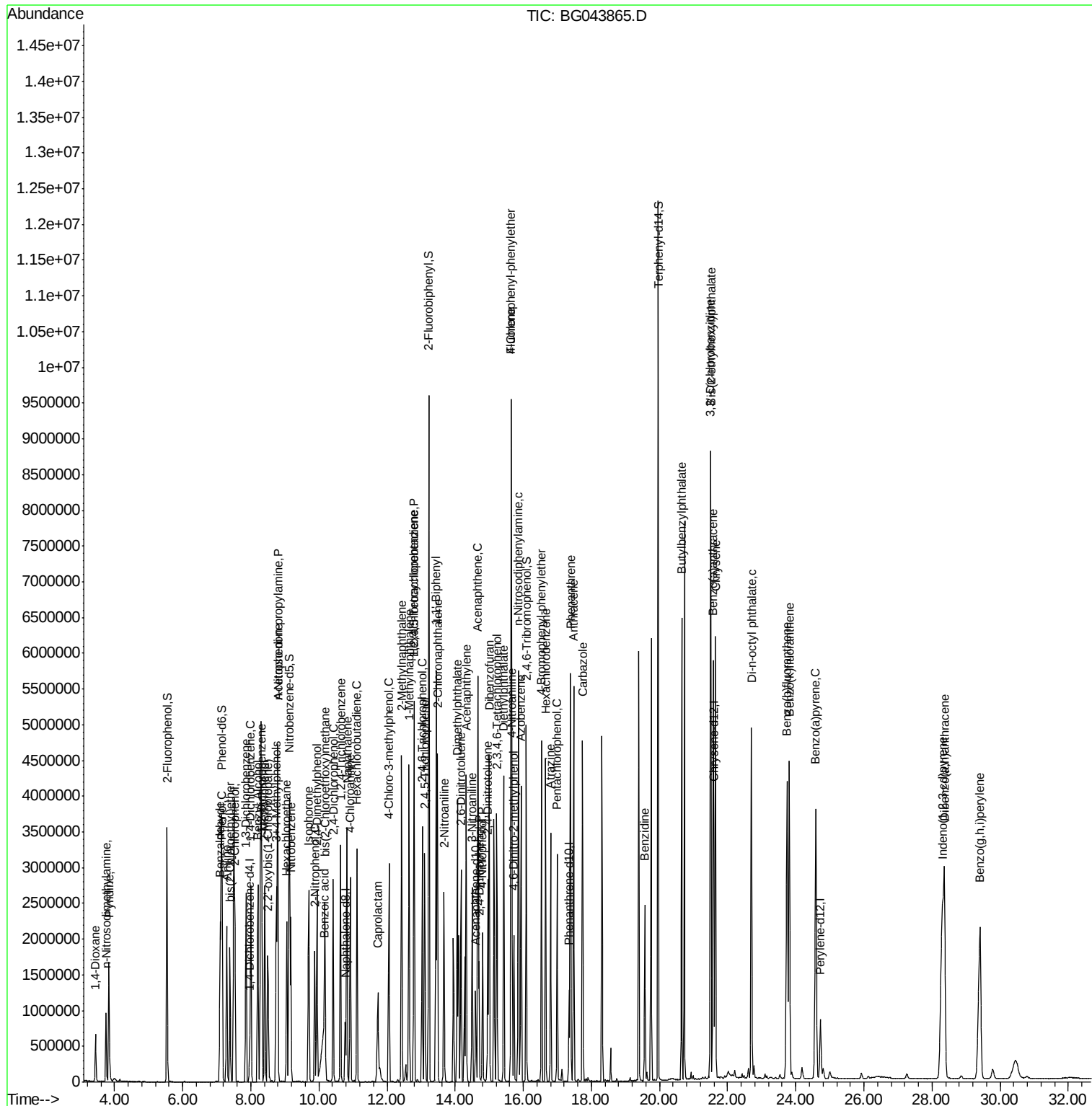
Instrument :
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#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

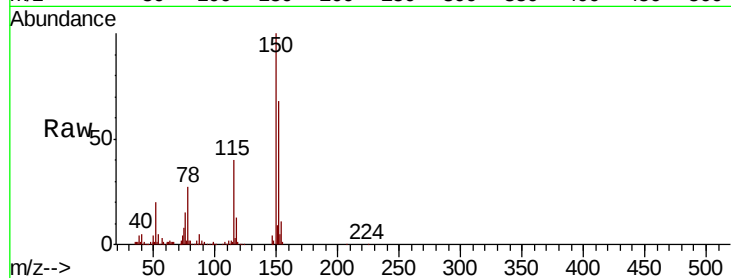
Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.0	127.0	190.4
115	58.2	47.8	71.8

Manual Integrations
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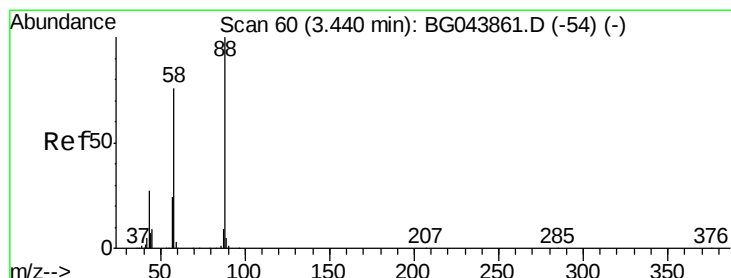
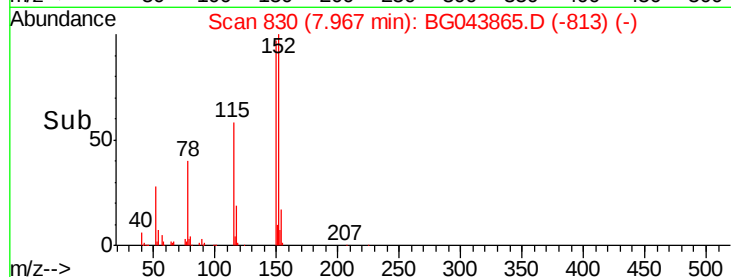
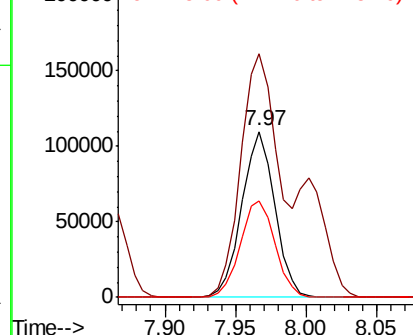


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

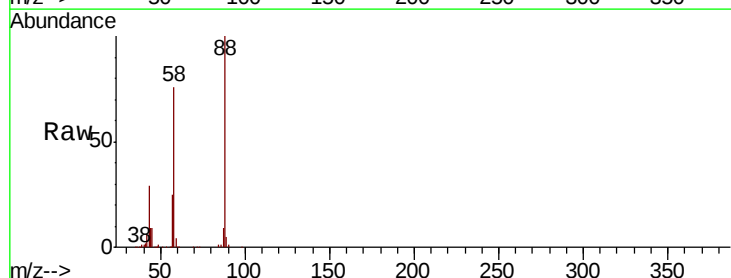
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 90.528 ng
RT: 3.44 min Scan# 59
Delta R.T. -0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.2	59.8	89.8
43	28.8	22.9	34.3

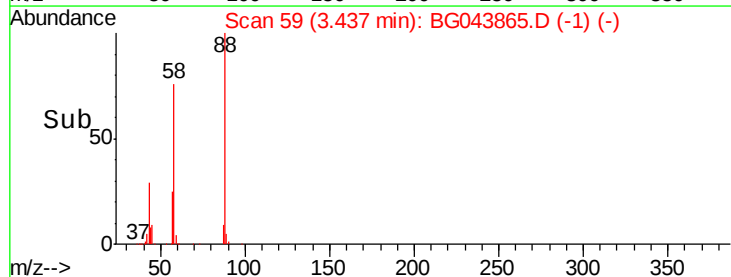
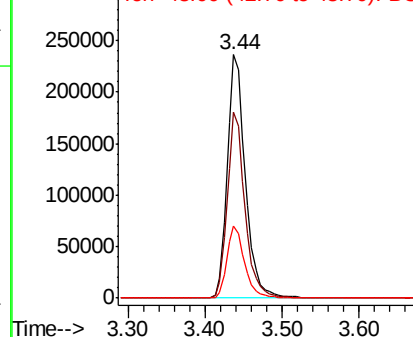


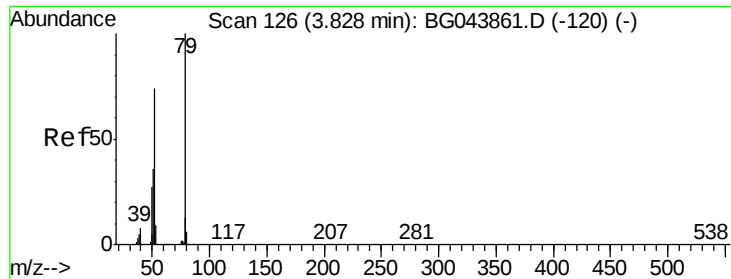
Abundance

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: 86.829 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampleId :

SSTDICC100

Tot Ion: 79 Resp: 1089553

Ion Ratio Lower Upper

79 100

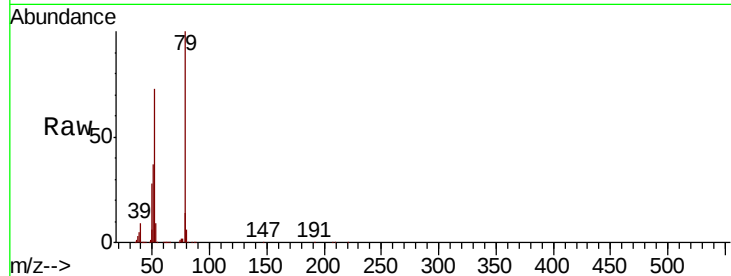
52 73.0 58.9 88.3

51 37.3 28.6 43.0

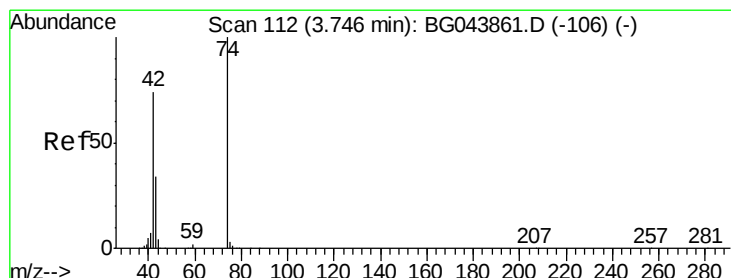
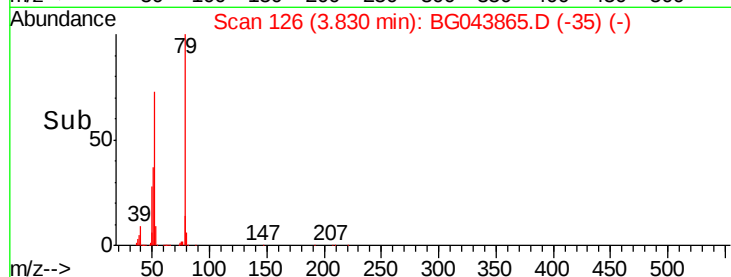
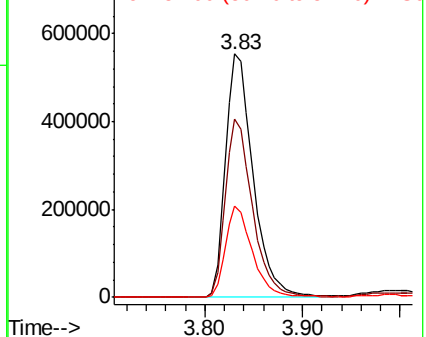
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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 91.224 ng

RT: 3.75 min Scan# 112

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 15:51

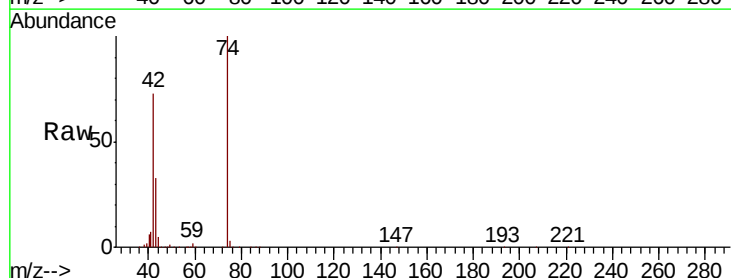
Tgt Ion: 42 Resp: 511895

Ion Ratio Lower Upper

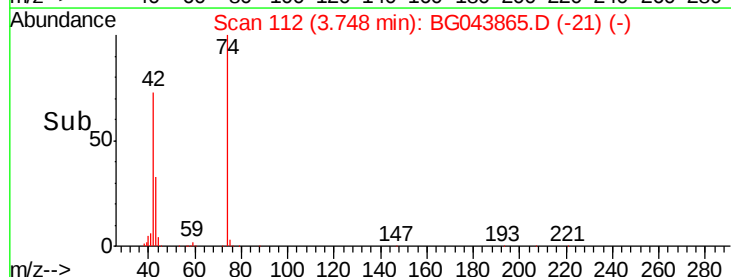
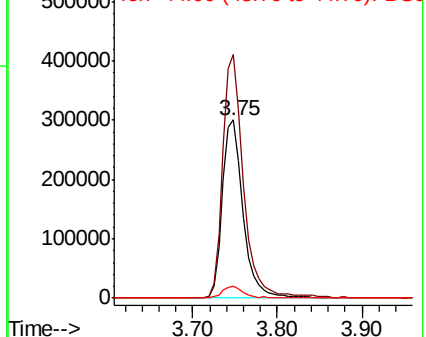
42 100

74 136.9 108.6 162.8

44 6.4 5.0 7.6



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: 169.194 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampleId :

SSTDIC100

Tot Ion:112 Resp: 1657919

Ion Ratio Lower Upper

112 100

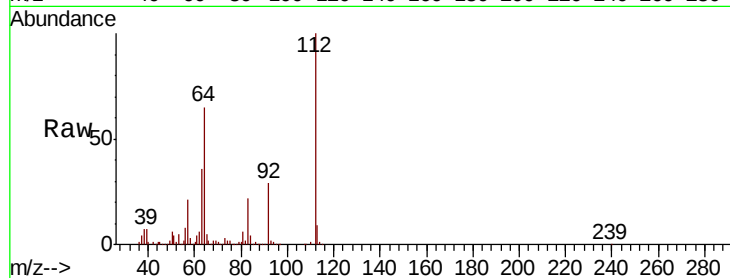
64 65.4 47.8 71.6

63 35.8 24.3 36.5

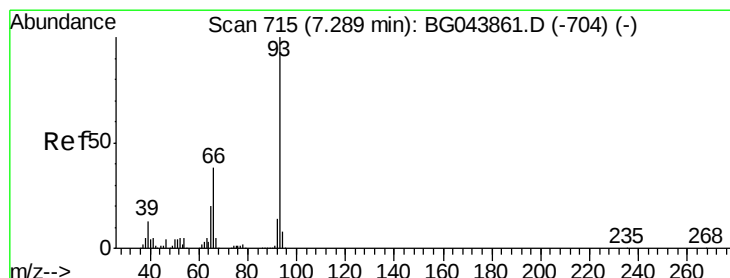
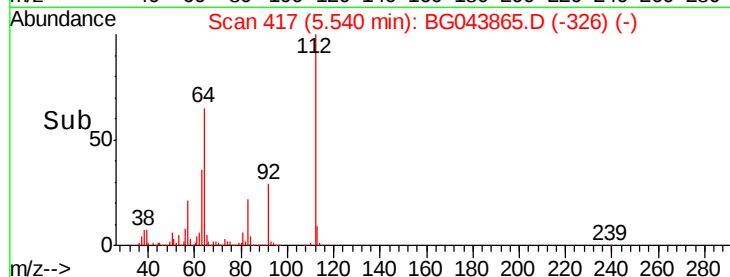
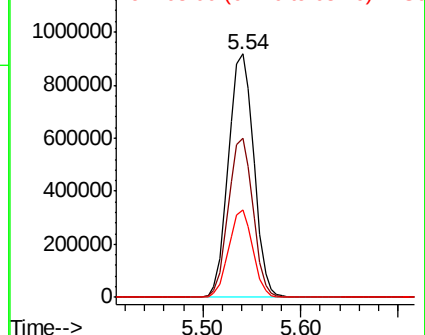
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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 87.393 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.01 min

Lab File: BG043865.D

Acq: 30 Dec 2019 15:51

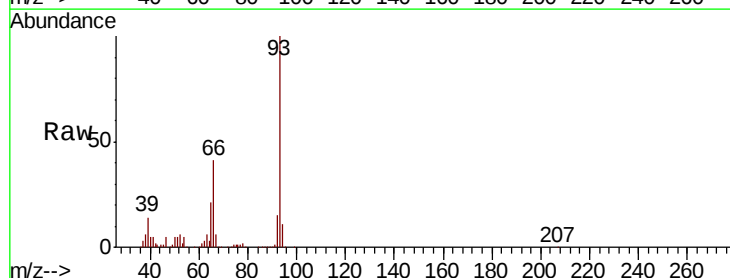
Tgt Ion: 93 Resp: 1572963

Ion Ratio Lower Upper

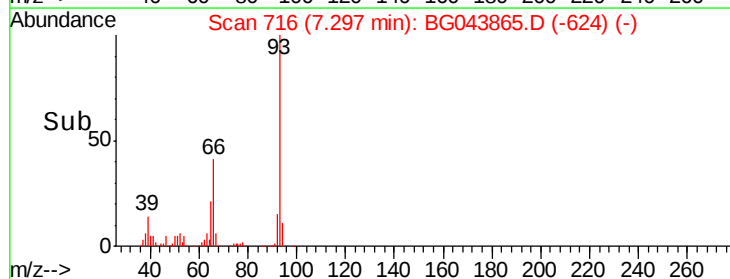
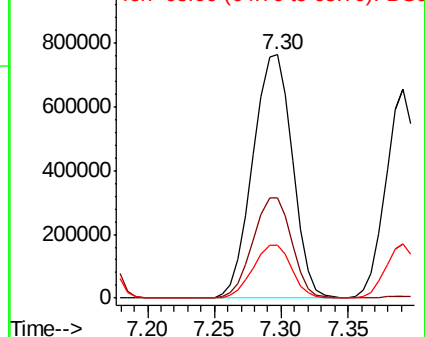
93 100

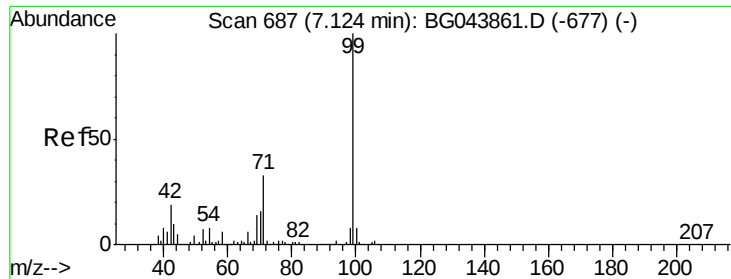
66 41.1 30.8 46.2

65 21.5 16.0 24.0



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: 165.563 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.01 min

Lab File: BG043865.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampled :

SSTDICC100

Tot Ion: 99 Resp: 2273272

Ion Ratio Lower Upper

99 100

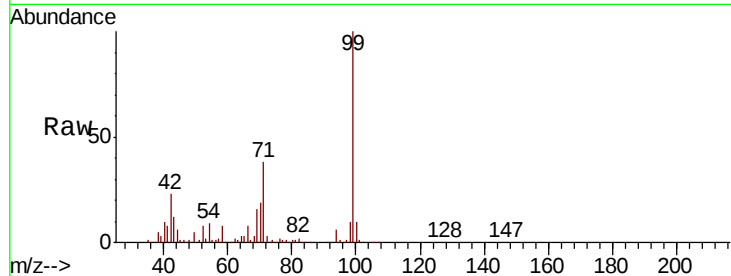
42 22.6 14.9 22.3#

71 38.1 26.4 39.6

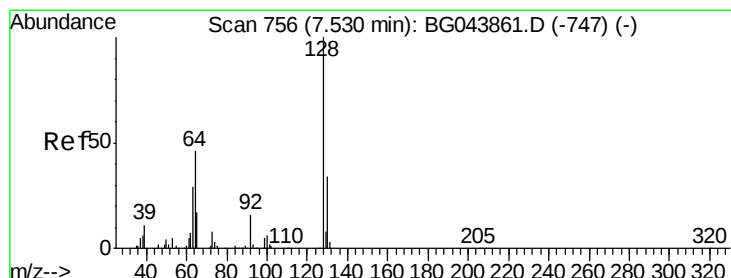
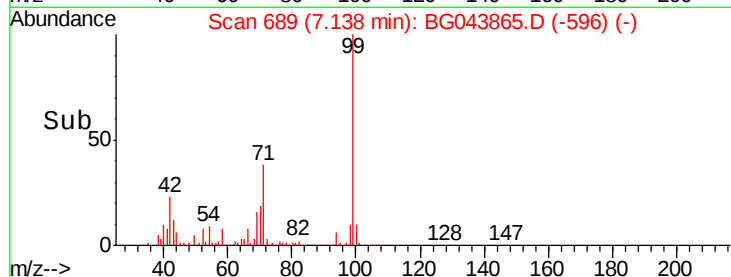
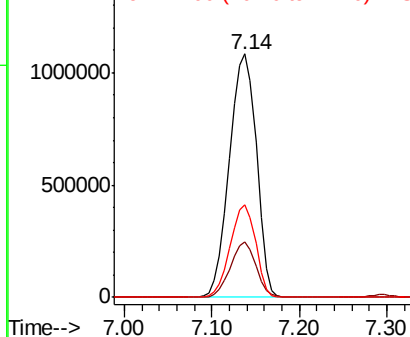
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 87.285 ng

RT: 7.53 min Scan# 756

Delta R.T. 0.00 min

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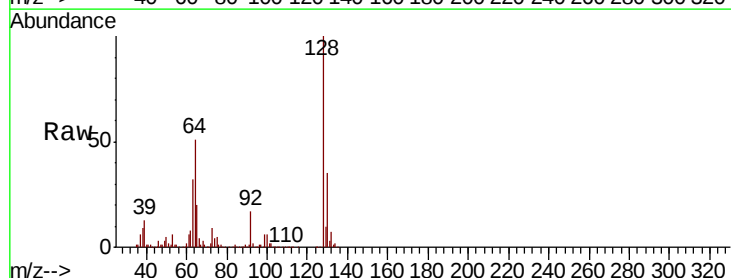
Tgt Ion:128 Resp: 1003072

Ion Ratio Lower Upper

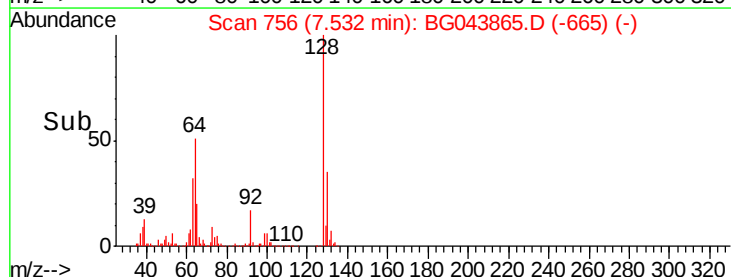
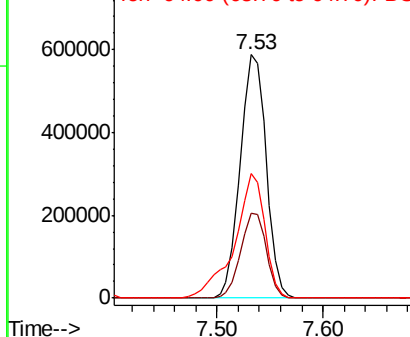
128 100

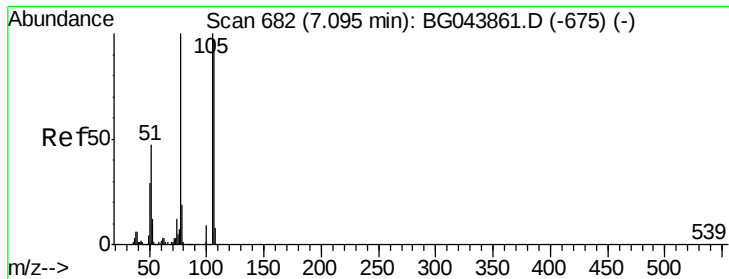
130 35.1 13.8 53.8

64 51.3 27.6 67.6



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: 100.383 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

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BNA_G

ClientSampleId :

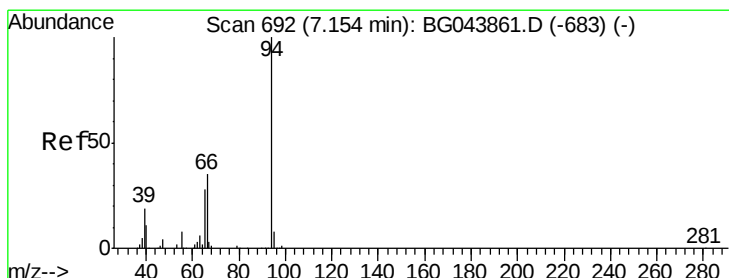
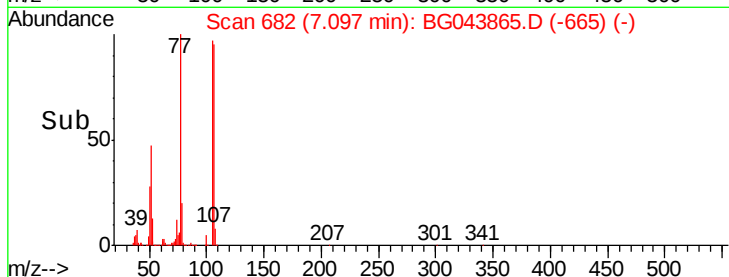
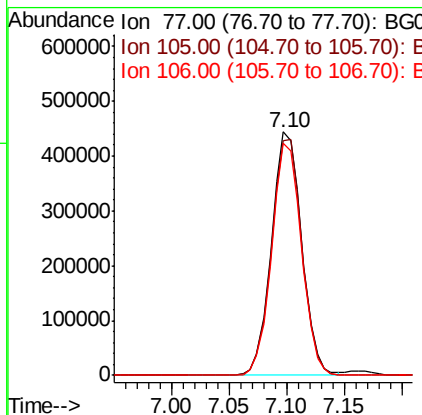
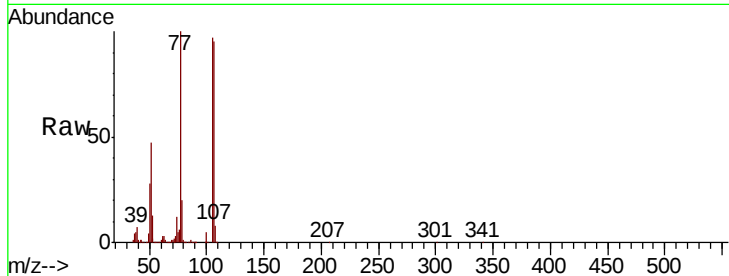
SSTDICC100

Tot Ion:	77	Resp:	806815
Ion	Ratio	Lower	Upper
77	100		
105	96.6	80.2	120.2
106	95.2	77.2	117.2

Manual Integrations
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#10

Phenol

Concen: 86.541 ng

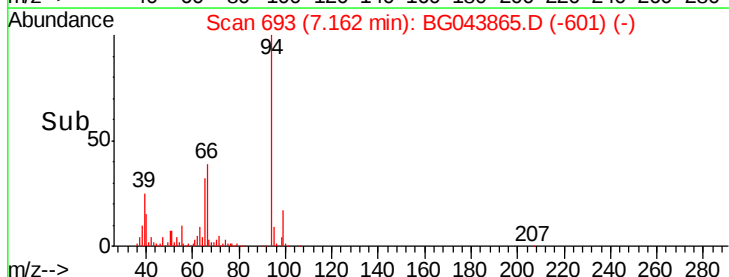
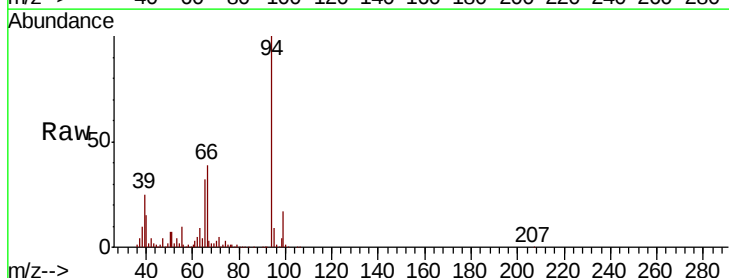
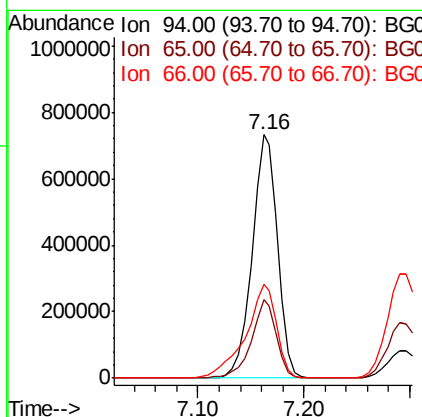
RT: 7.16 min Scan# 693

Delta R.T. 0.01 min

Lab File: BG043865.D

Acq: 30 Dec 2019 15:51

Tgt Ion:	94	Resp:	1222370
Ion	Ratio	Lower	Upper
94	100		
65	32.0	8.1	48.1
66	38.6	15.6	55.6





#11
bis(2-Chloroethyl)ether
Concen: 87.632 ng
RT: 7.39 min Scan# 732
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

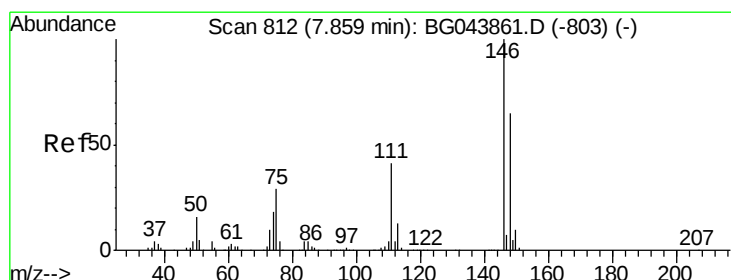
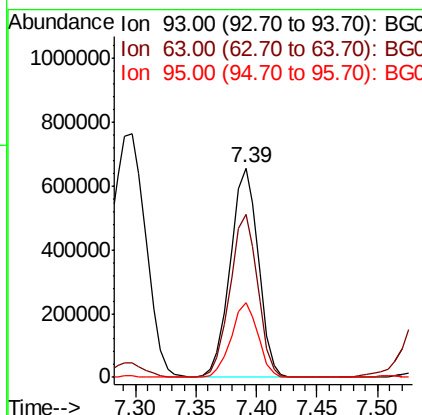
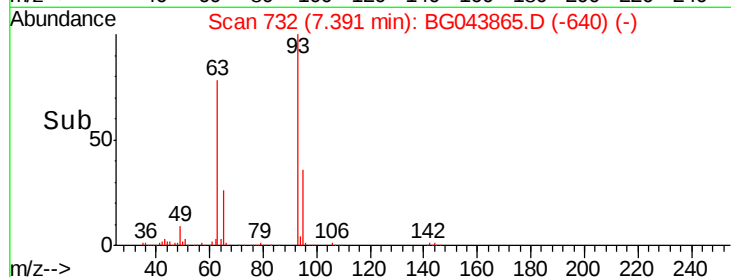
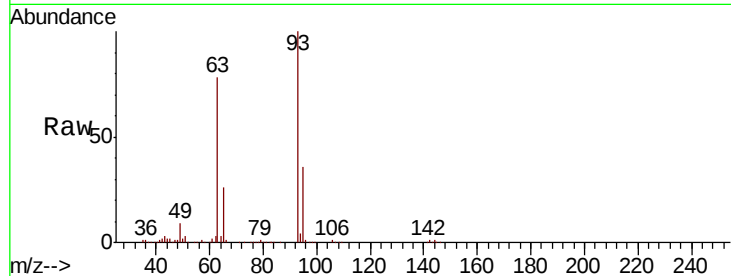
Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.8	55.0	95.0
95	35.7	13.3	53.3

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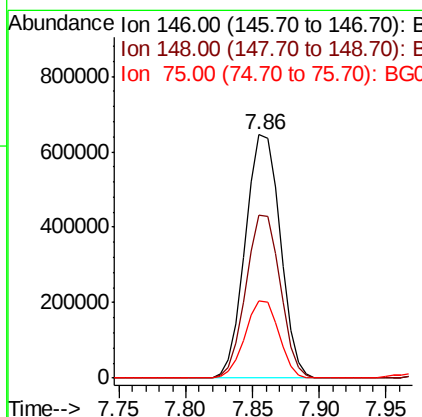
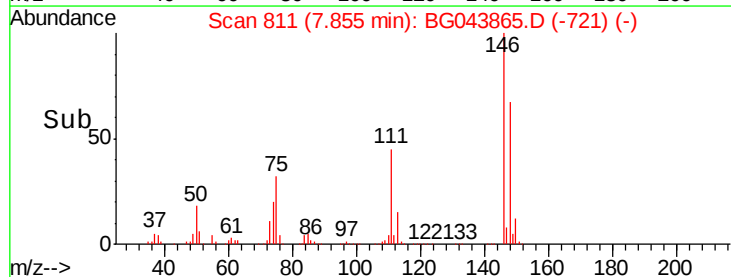
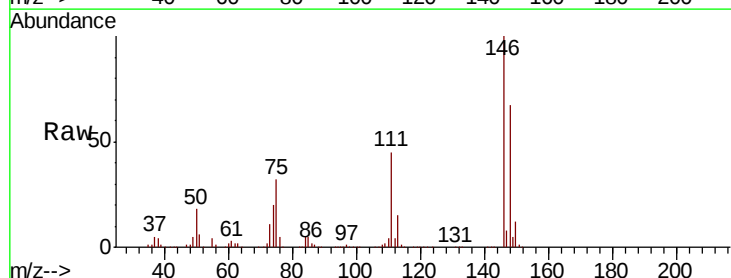
mohammad

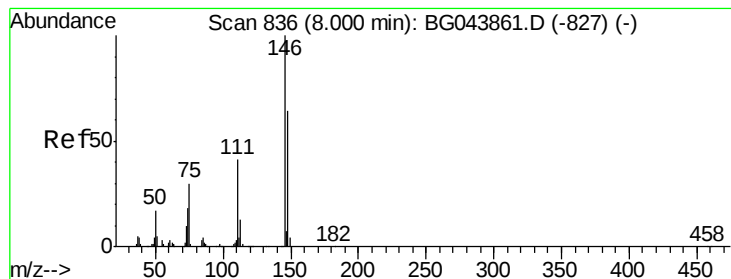
12/31/2019 1:48:05 PM



#12
1,3-Dichlorobenzene
Concen: 86.844 ng
RT: 7.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.2	52.1	78.1
75	31.7	23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 87.462 ng

RT: 8.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampleId :

SSTDICC100

Tot Ion:146 Resp: 1160189

Ion Ratio Lower Upper

146 100

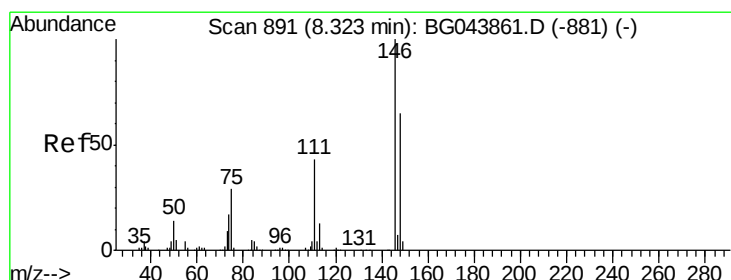
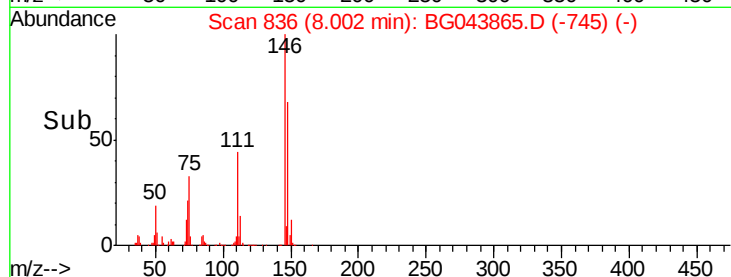
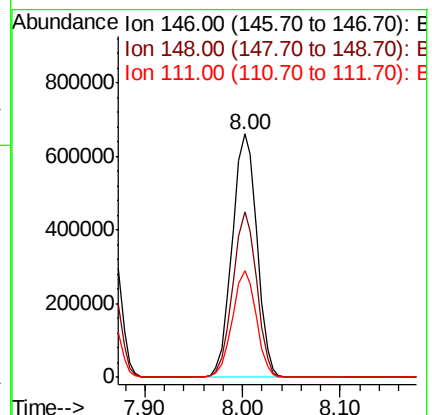
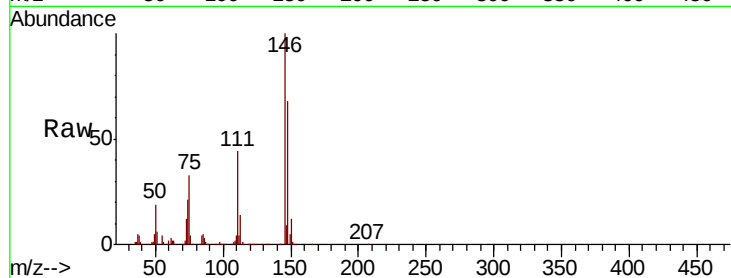
148 68.1 51.2 76.8

111 43.6 33.1 49.7

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 86.705 ng

RT: 8.33 min Scan# 891

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 15:51

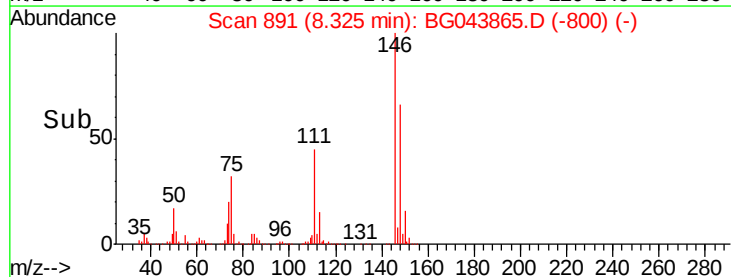
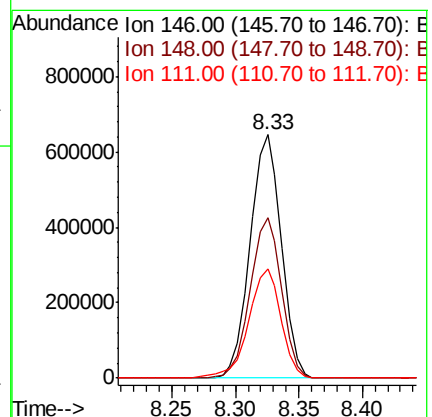
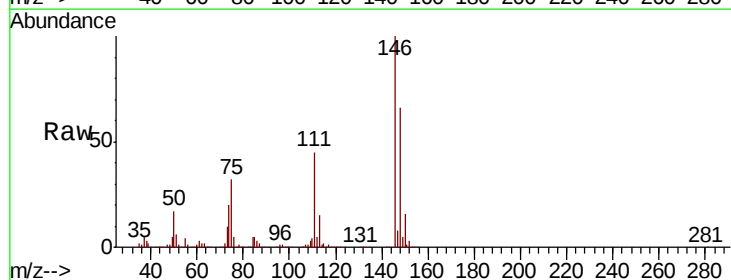
Tgt Ion:146 Resp: 1105493

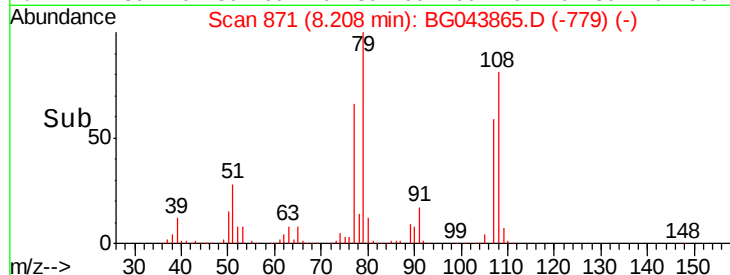
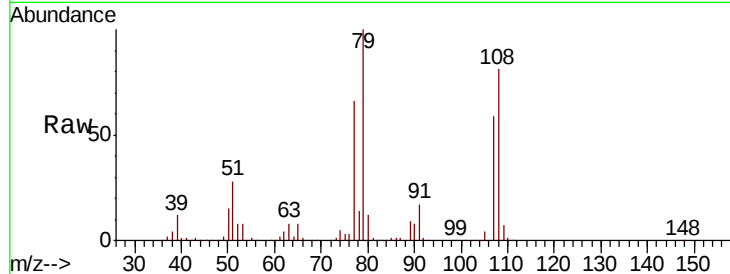
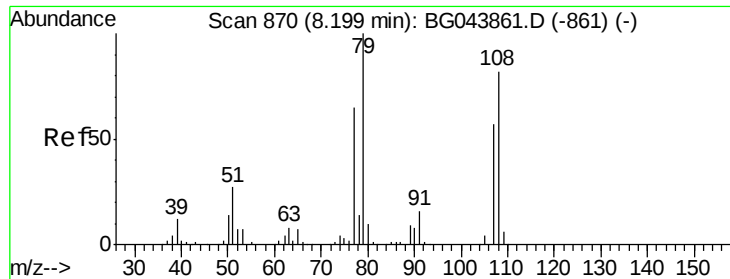
Ion Ratio Lower Upper

146 100

148 65.9 51.7 77.5

111 44.7 34.4 51.6





#15
Benzyl Alcohol
Concen: 90.943 ng
RT: 8.21 min Scan# 871
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

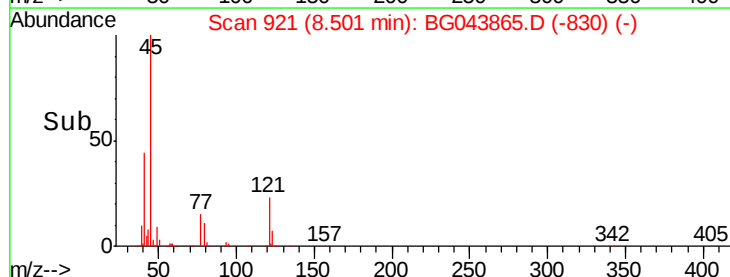
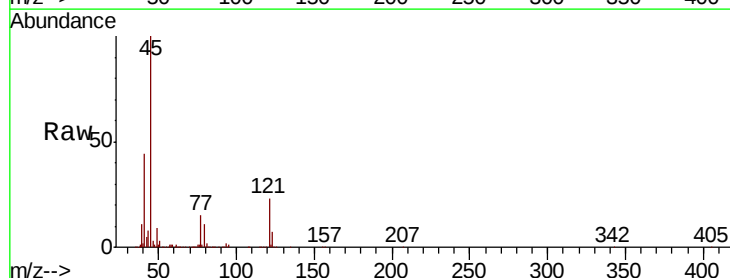
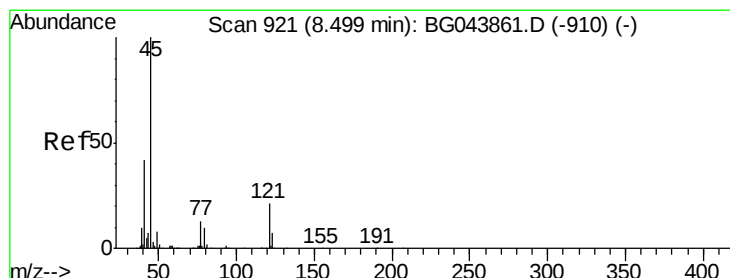
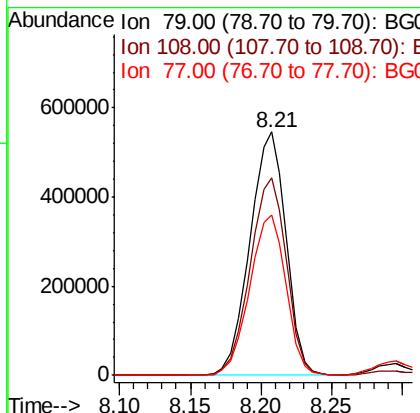
Tot Ion	Ratio	Lower	Upper
79	100		
108	81.2	65.6	98.4
77	65.8	52.0	78.0

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Manual Integrations
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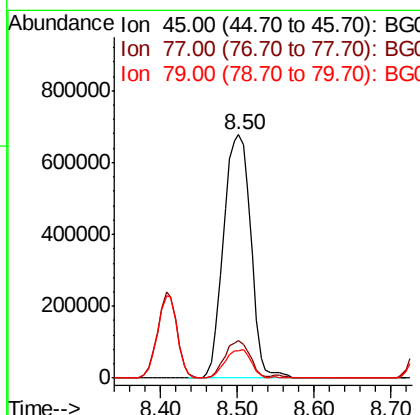
mohammad

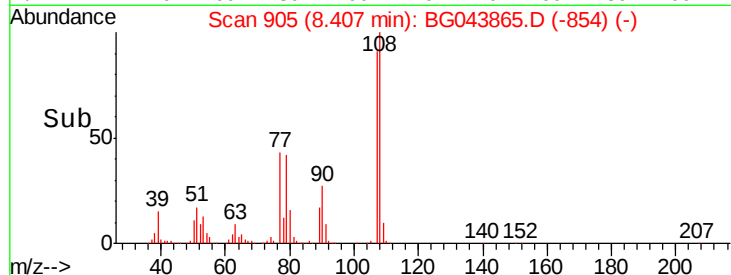
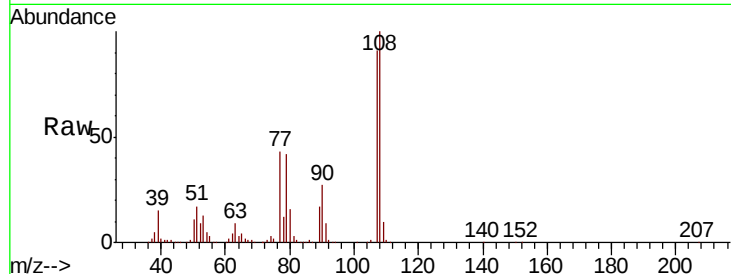
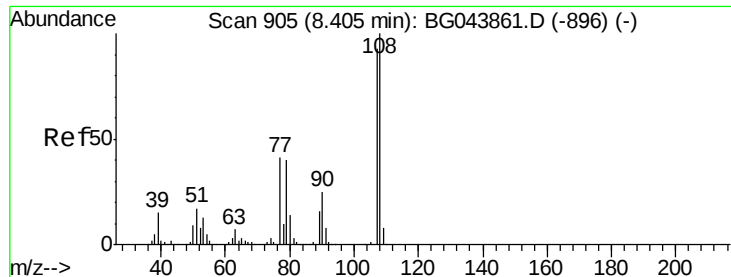
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 88.493 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	33.8
79	11.1	0.0	31.0





#17
2-Methylphenol
Concen: 90.414 ng
RT: 8.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

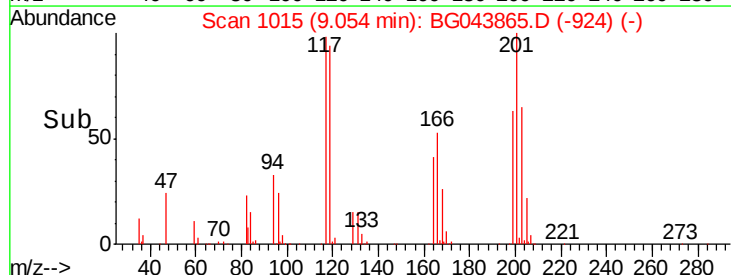
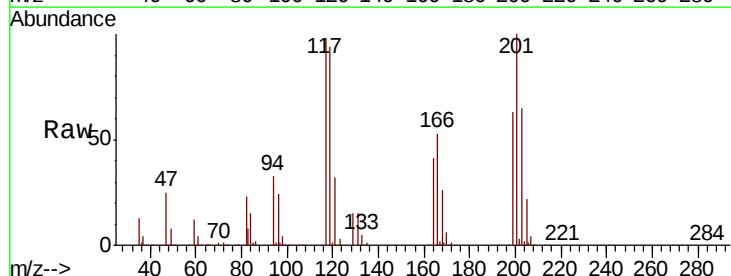
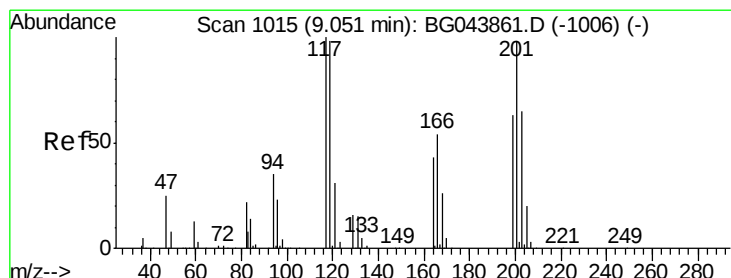
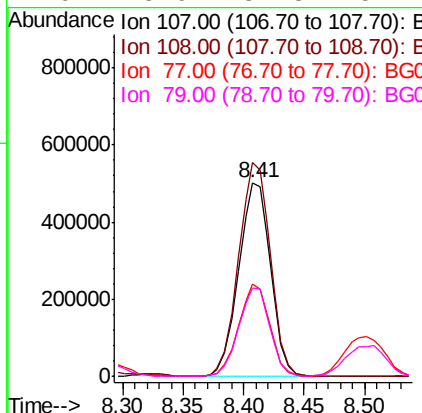
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	922741		
108	108.00	110.4		86.1	129.1
77	77.00	47.9		35.4	53.0
79	79.00	45.9		34.8	52.2

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

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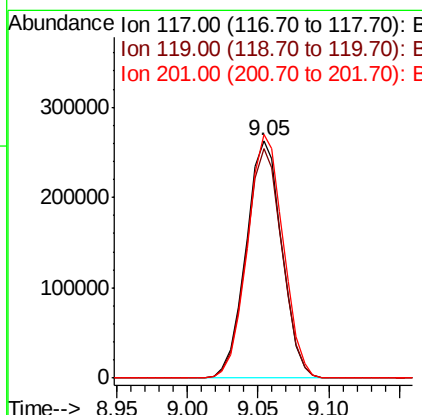
mohammad

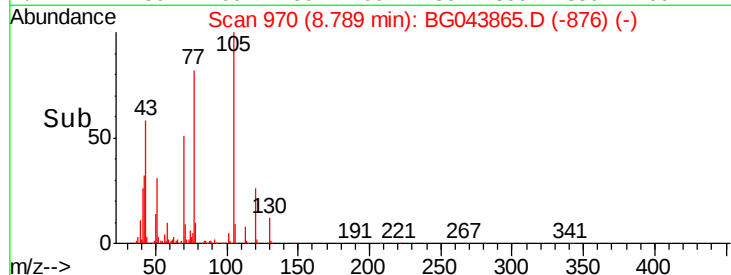
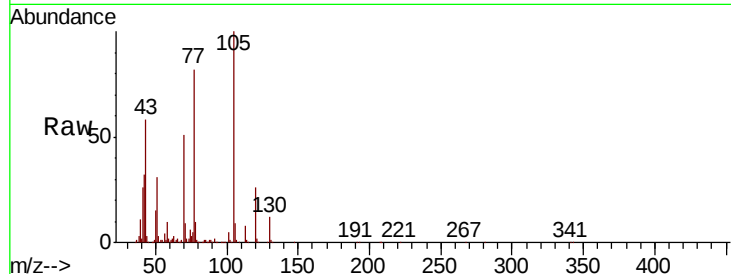
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#18
Hexachloroethane
Concen: 90.145 ng
RT: 9.05 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	467176		
119	119.00	96.8		78.1	117.1
201	201.00	102.5		78.6	117.8





#19
n-Nitroso-di-n-propylamine
Concen: 89.023 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.02 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

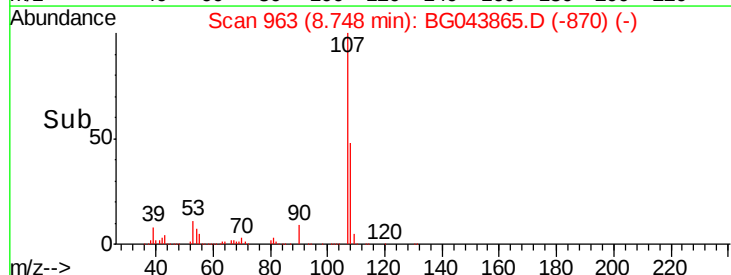
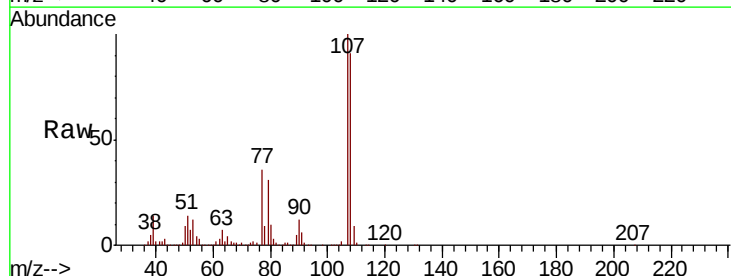
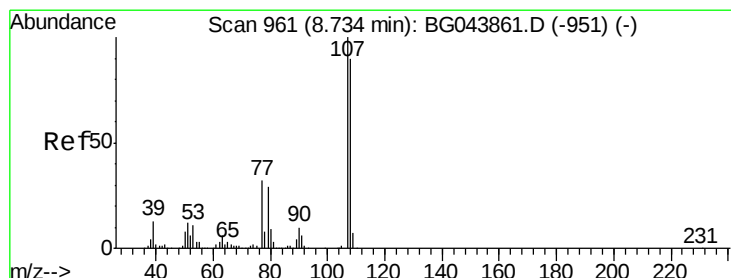
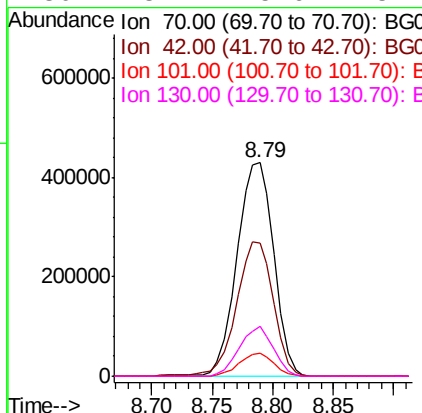
Tot Ion	Ratio	Lower	Upper
70	100		
42	62.6	47.0	70.4
101	10.6	7.2	10.8
130	23.2	15.6	23.4

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Manual Integrations
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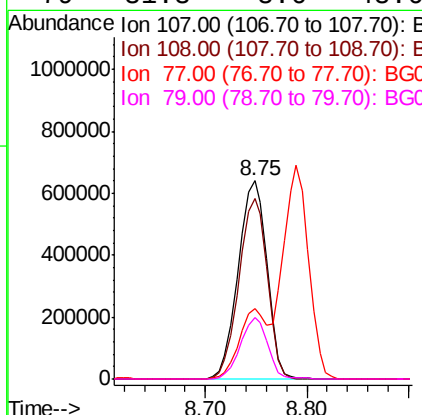
mohammad

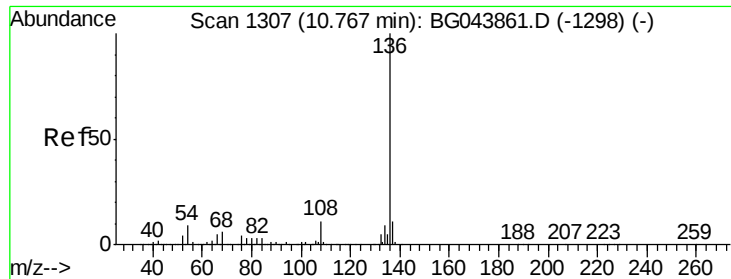
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#20
3+4-Methylphenols
Concen: 88.847 ng
RT: 8.75 min Scan# 963
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.2	70.3	110.3
77	35.8	12.4	52.4
79	31.3	8.6	48.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

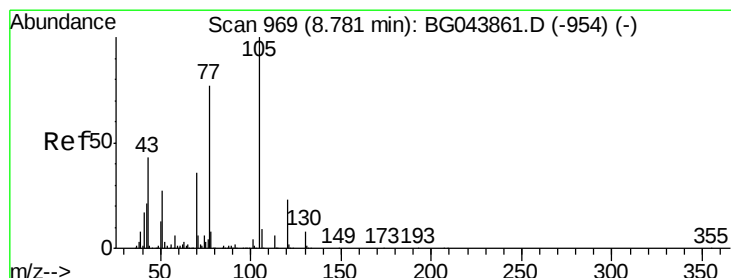
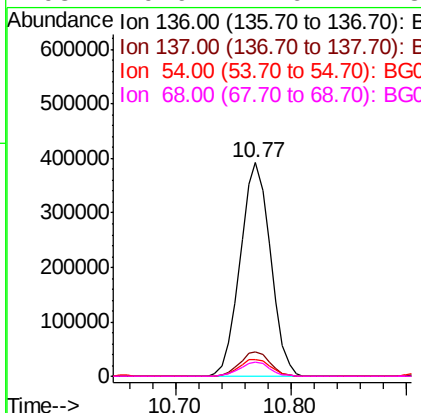
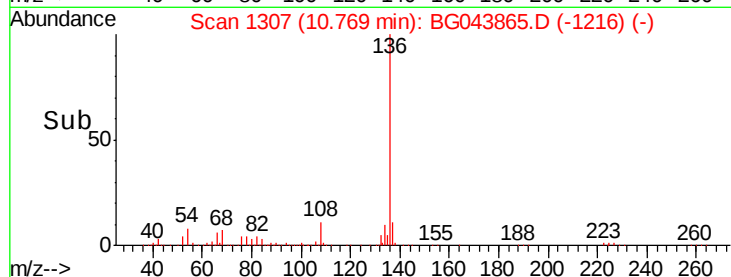
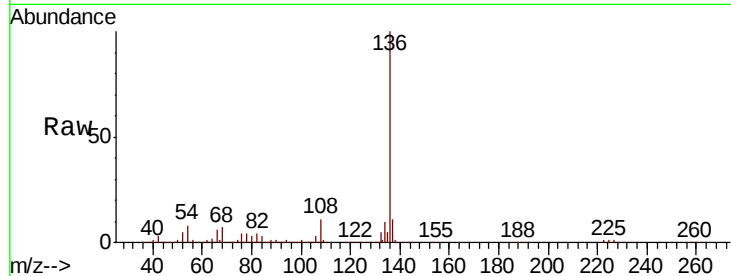
Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
136	100	712923		
137	11.4		8.8	13.2
54	7.9		7.0	10.4
68	6.6		4.9	7.3

Manual Integrations
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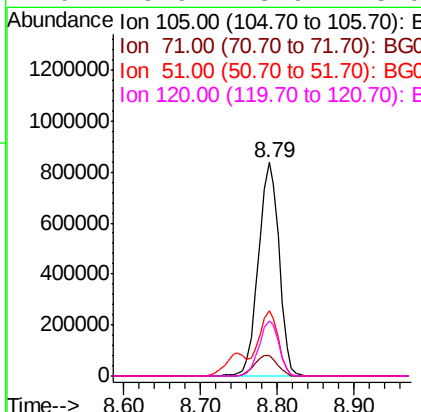
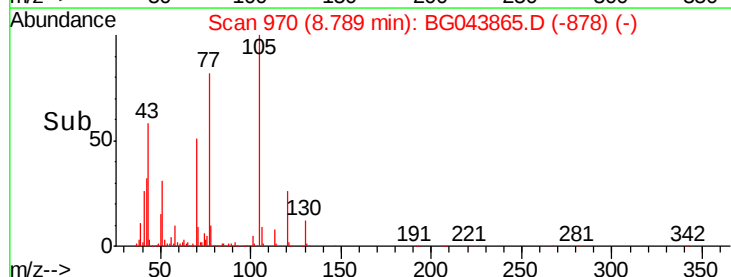
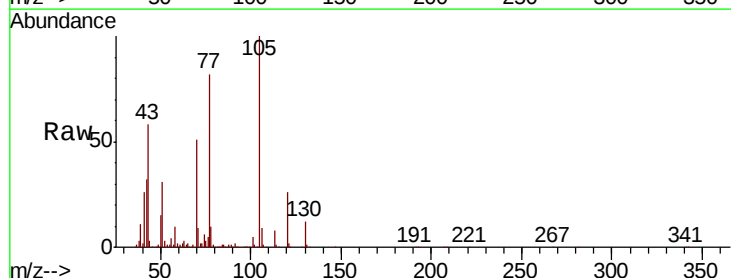
mohammad

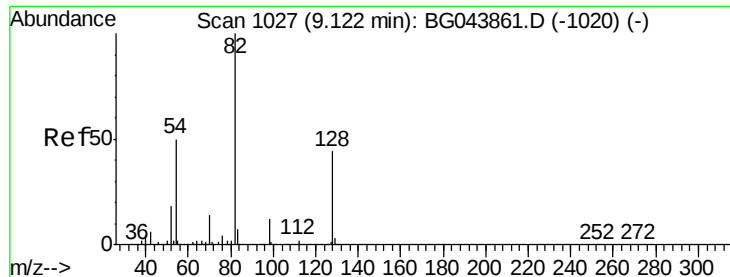
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#22
Acetophenone
Concen: 88.554 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1571114		
71	9.3		4.8	7.2#
51	30.9		21.4	32.0
120	25.6		18.6	28.0





#23
 Nitrobenzene-d5
 Concen: 203.950 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.01 min
 Lab File: BG043865.D
 Acq: 30 Dec 2019 15:51

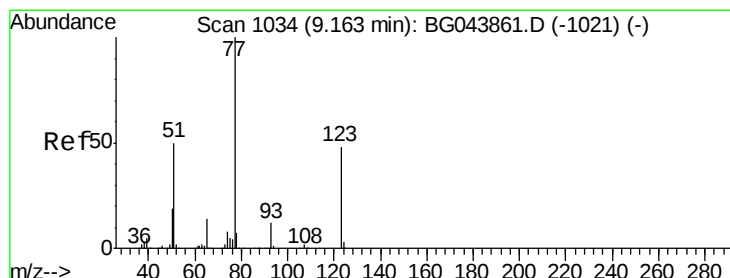
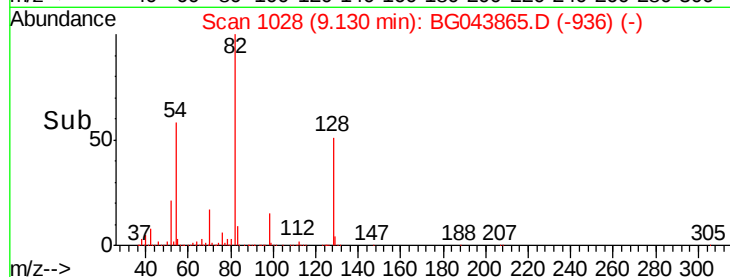
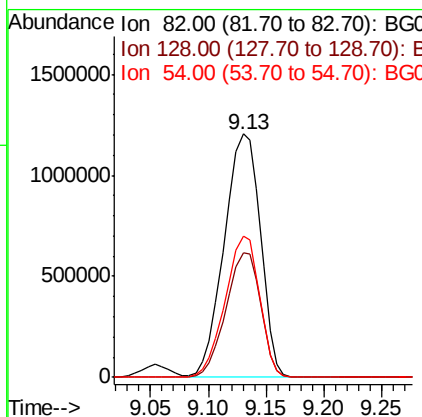
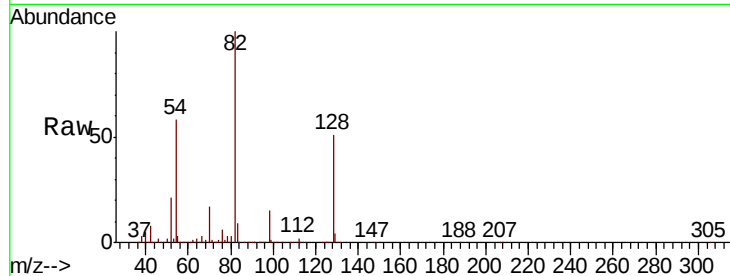
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC100

Tot Ion	82	Resp	2622905
Ion Ratio	100	Lower	Upper
128	51.1	35.1	52.7
54	58.1	40.1	60.1

Manual Integrations
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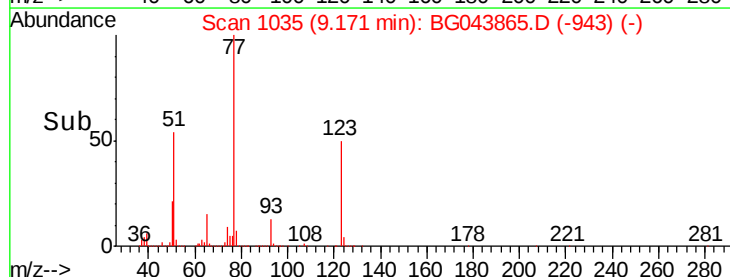
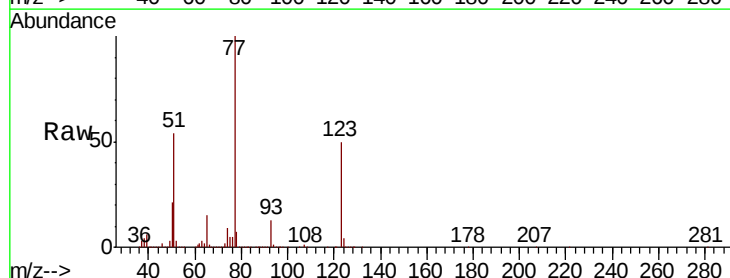
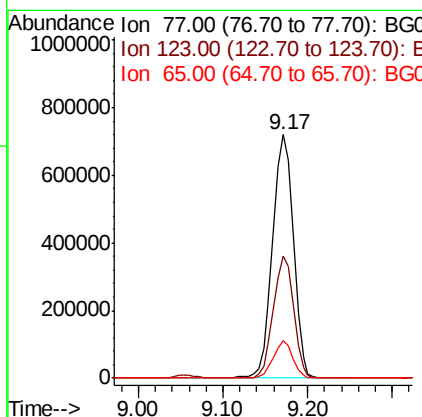
mohammad

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#24
 Nitrobenzene
 Concen: 92.673 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: BG043865.D
 Acq: 30 Dec 2019 15:51

Tgt Ion	77	Resp	1222347
Ion Ratio	100	Lower	Upper
123	50.1	38.7	58.1
65	15.2	11.1	16.7





#25

Isophorone

Concen: 90.877 ng

RT: 9.70 min Scan# 1125

Delta R.T. 0.01 min

Lab File: BG043865.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampled :

SSTDICC100

Tot Ion: 82 Resp: 2271636

Ion Ratio Lower Upper

82 100

95 8.5 5.8 8.6

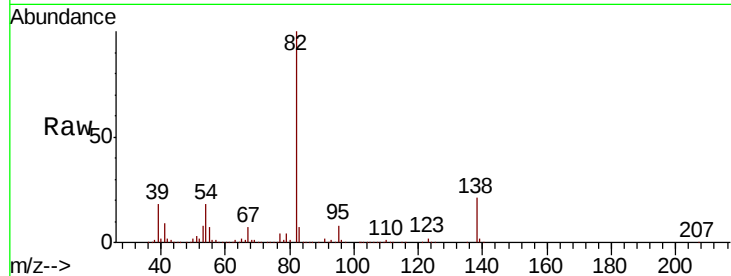
138 20.7 14.6 22.0

Manual Integrations

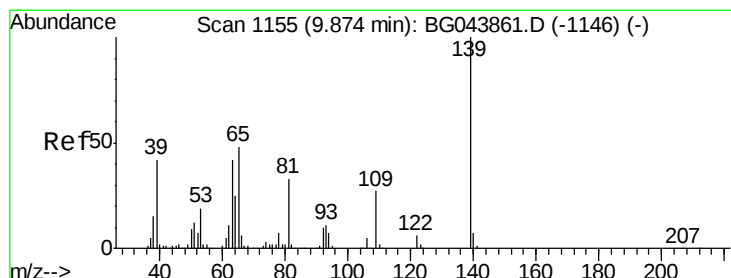
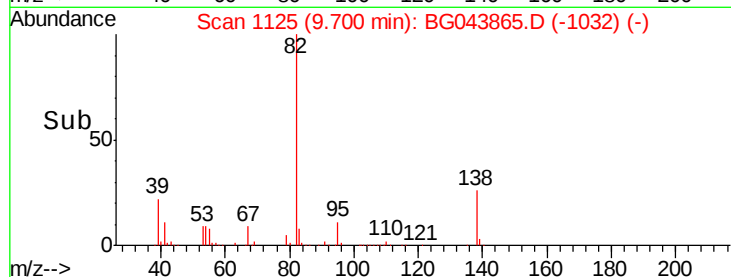
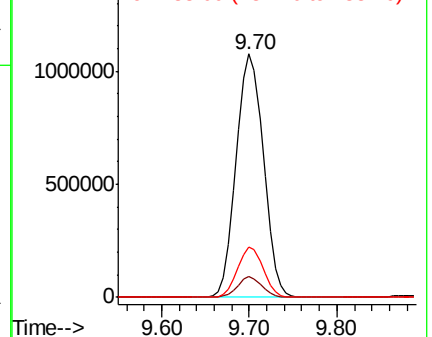
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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 102.500 ng

RT: 9.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 15:51

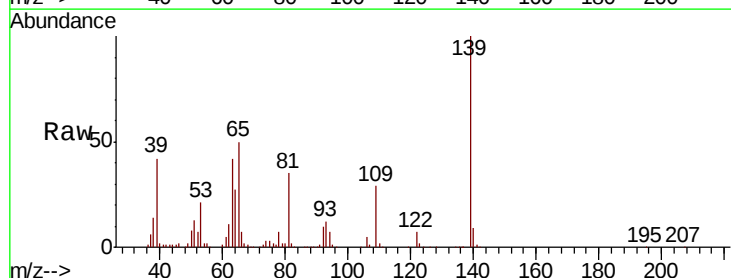
Tgt Ion:139 Resp: 640045

Ion Ratio Lower Upper

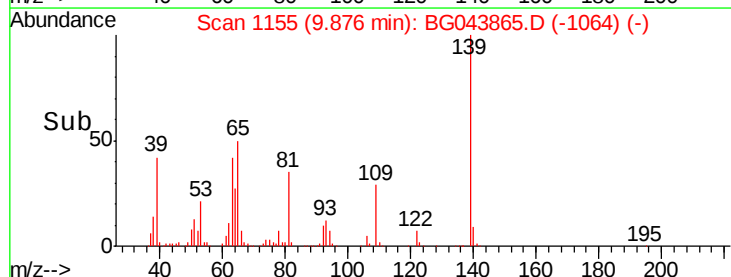
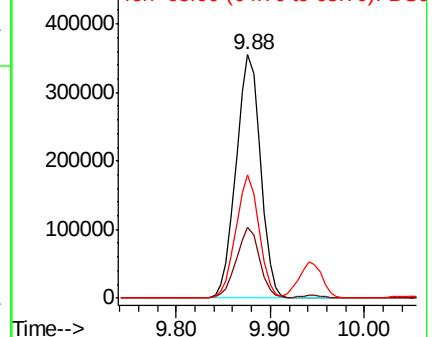
139 100

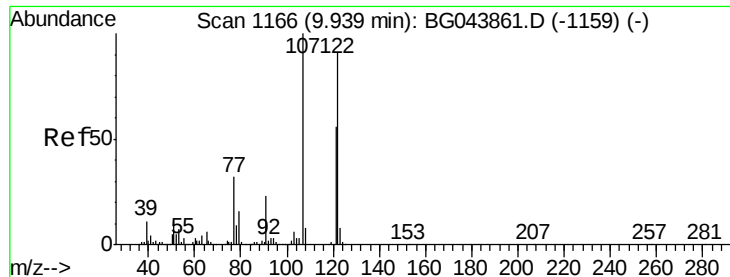
109 28.9 21.3 31.9

65 50.4 38.6 57.8



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: 94.746 ng
RT: 9.95 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

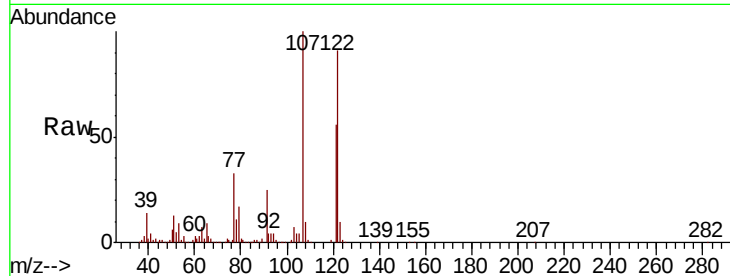
Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.7	88.0	132.0
121	61.5	49.0	73.4

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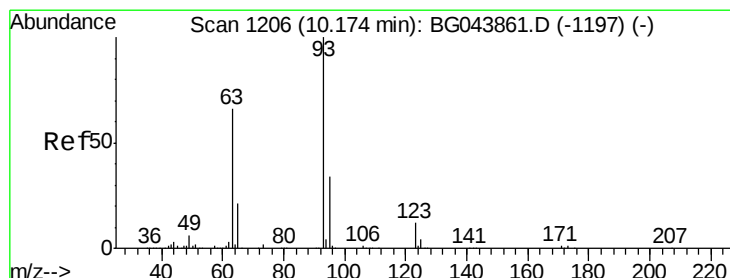
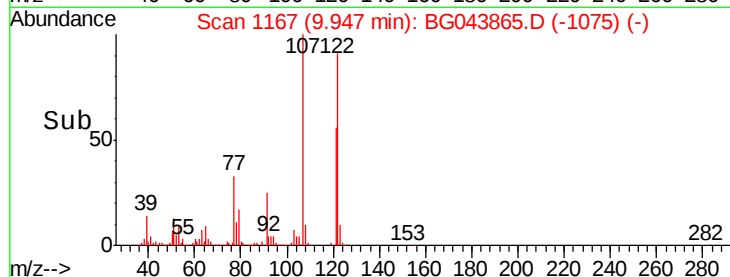
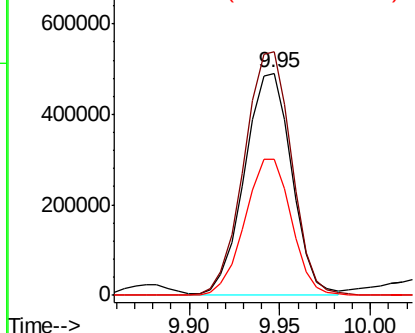


Abundance

Ion 122.00 (121.70 to 122.70): E

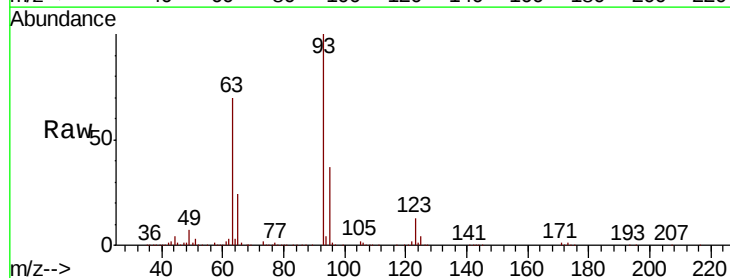
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 88.870 ng
RT: 10.18 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	36.6	27.2	40.8
123	13.0	9.7	14.5

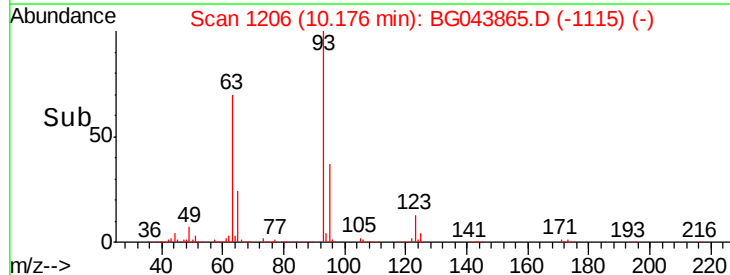
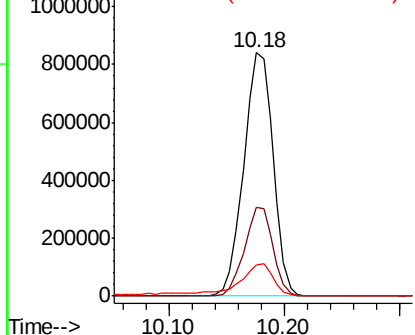


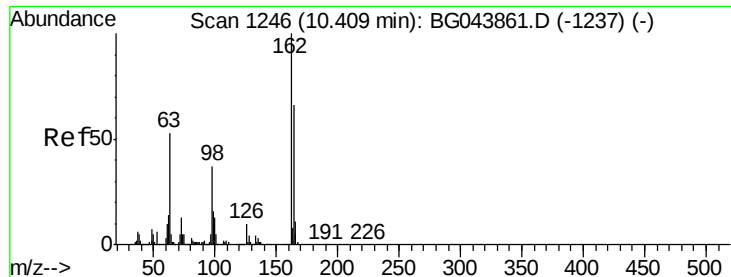
Abundance

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: 93.726 ng
RT: 10.42 min Scan# 1247
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

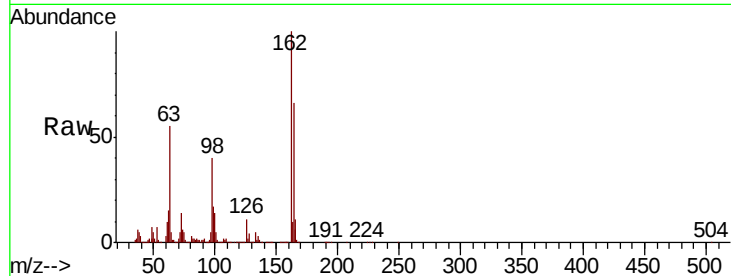
Instrument :
BNA_G
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	46.3	86.3
98	40.3	17.3	57.3

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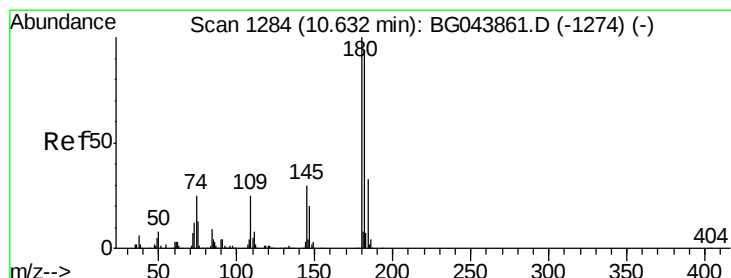
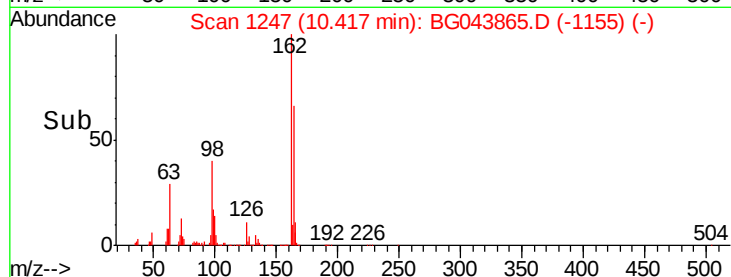
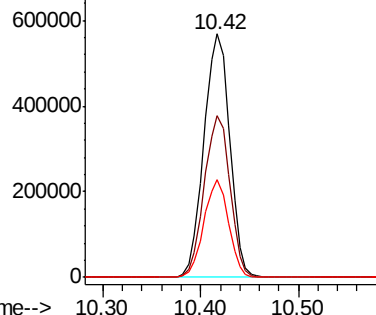


Abundance

Ion 162.00 (161.70 to 162.70): E

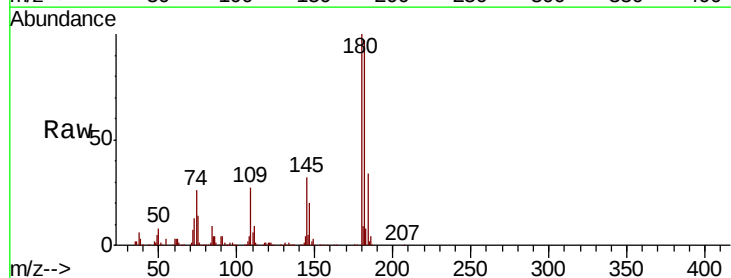
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 91.814 ng
RT: 10.63 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	75.0	112.4
145	32.1	24.2	36.4

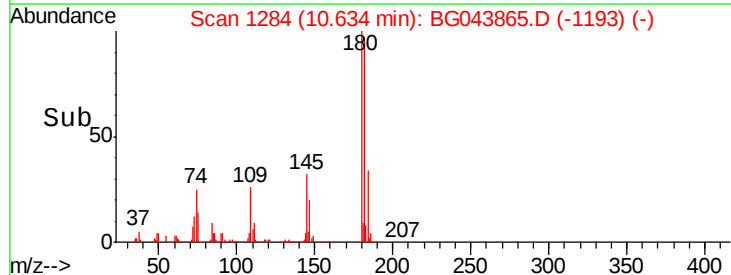
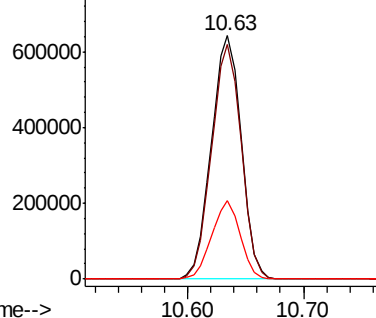


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 83.273 ng

RT: 10.82 min Scan# 1316

Delta R.T. 0.01 min

Lab File: BG043865.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampleId :

SSTDICC100

Tot Ion:128 Resp: 2872473

Ion Ratio Lower Upper

128 100

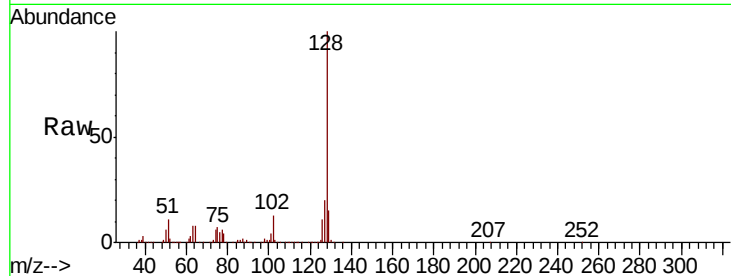
129 15.5 9.8 14.6#

127 19.8 12.0 18.0#

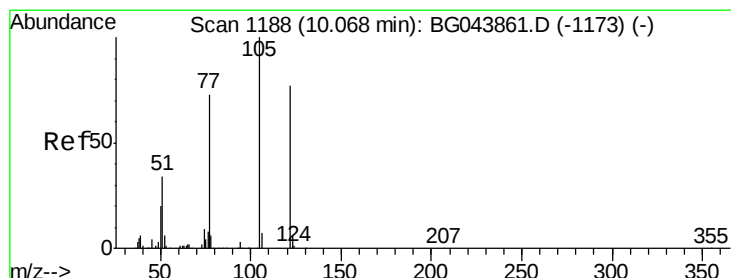
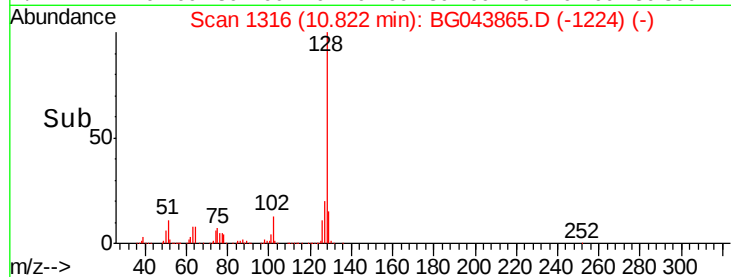
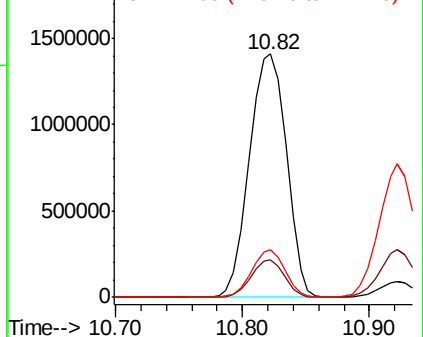
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 112.503 ng m

RT: 10.15 min Scan# 1202

Delta R.T. 0.08 min

Lab File: BG043865.D

Acq: 30 Dec 2019 15:51

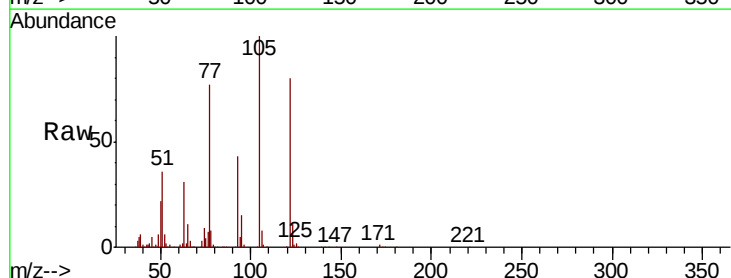
Tgt Ion:122 Resp: 815901

Ion Ratio Lower Upper

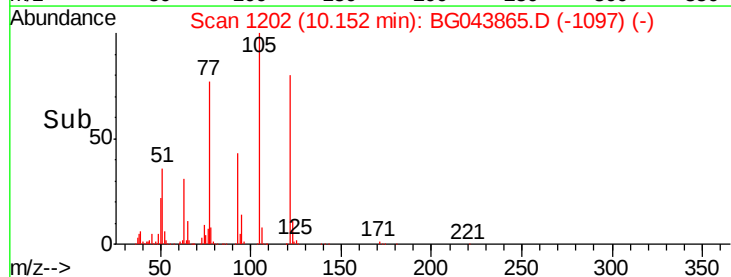
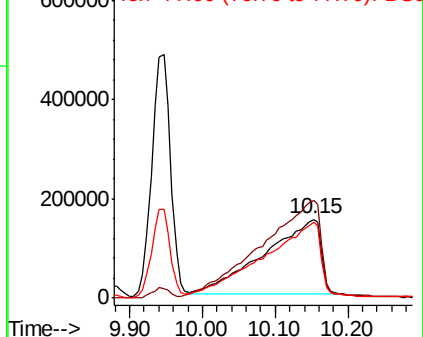
122 100

105 124.7 106.4 146.4

77 96.2 74.6 114.6



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): BGC





#33
4-Chloroaniline
Concen: 90.684 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

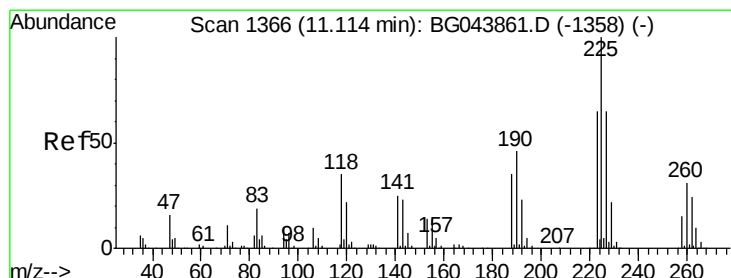
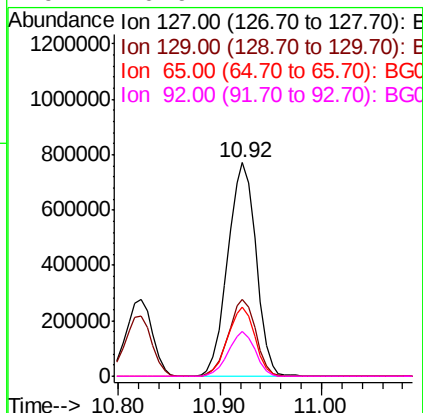
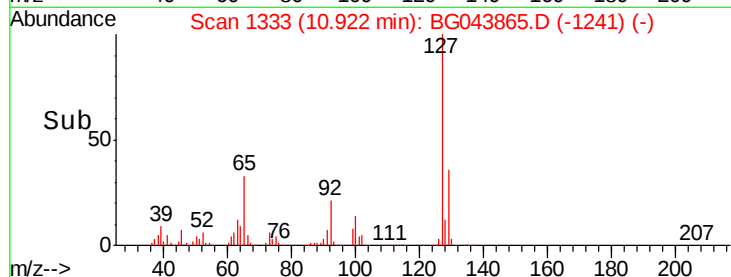
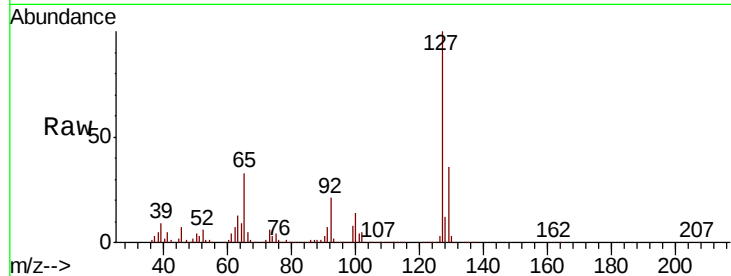
Instrument :
BNA_G
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Lower	Upper
127	100		
129	35.9	26.6	40.0
65	32.6	23.3	34.9
92	20.9	14.7	22.1

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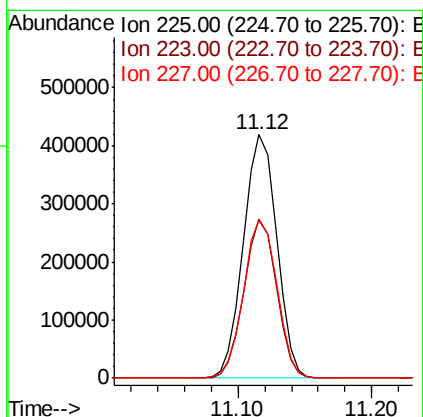
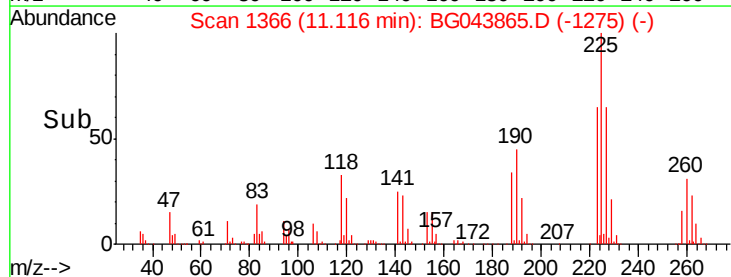
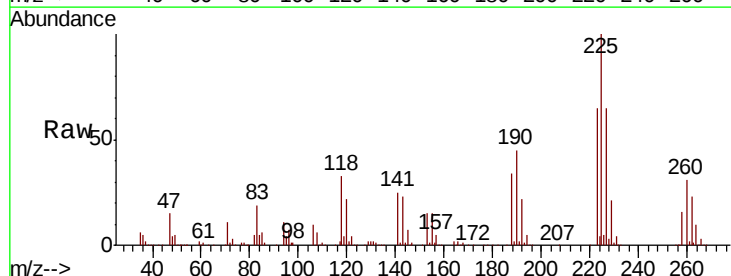
mohammad

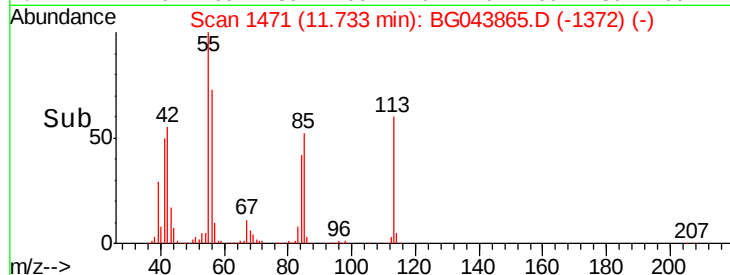
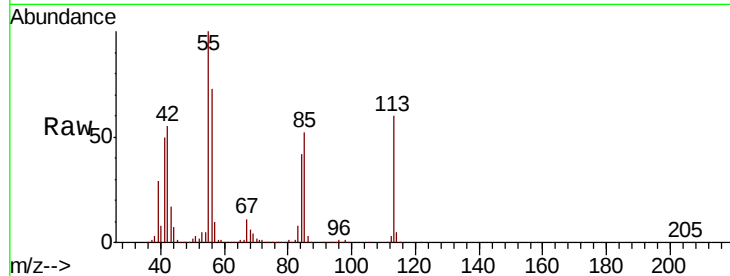
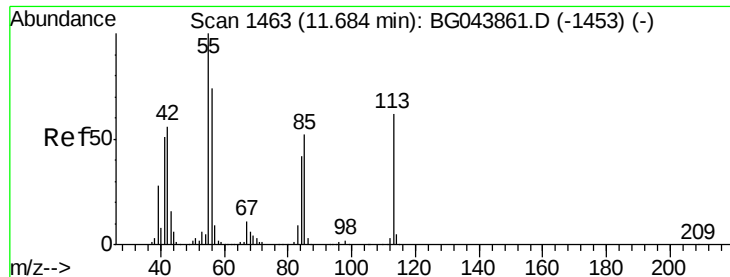
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#34
Hexachlorobutadiene
Concen: 94.283 ng
RT: 11.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	52.2	78.4
227	65.1	52.1	78.1





#35
Caprolactam
Concen: 95.231 ng/ml
RT: 11.73 min Scan# 1471
Delta R.T. 0.05 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

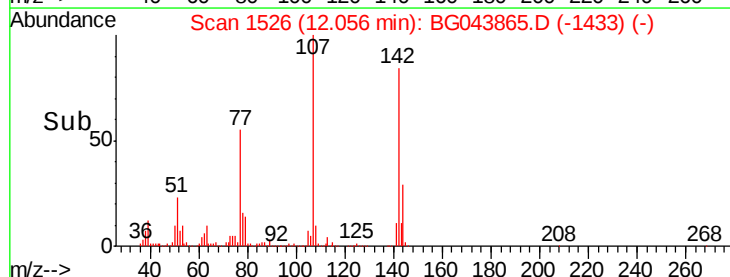
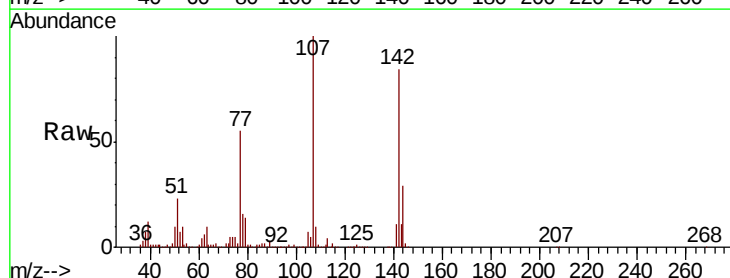
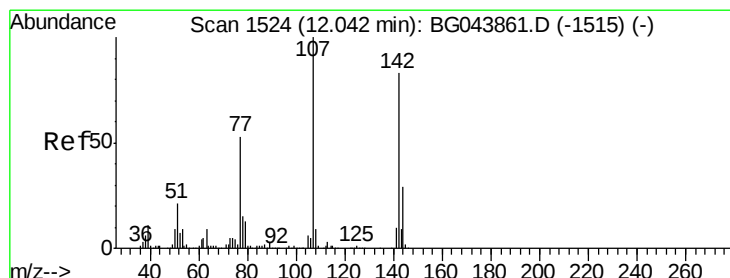
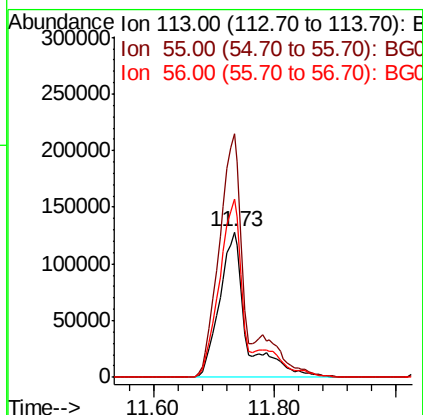
Tot Ion	Ratio	Lower	Upper
113	100		
55	167.2	142.5	182.5
56	122.7	101.4	141.4

Instrument :
BNA_G
ClientSampleID :
SSTDICC100

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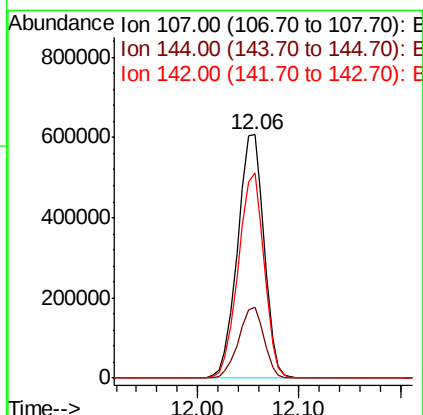
mohammad

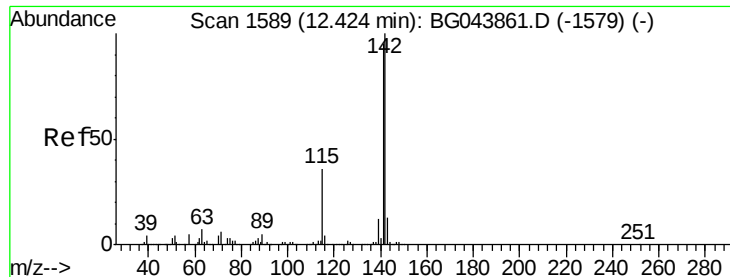
12/31/2019 1:48:05 PM



#36
4-Chloro-3-methylphenol
Concen: 92.042 ng/ml
RT: 12.06 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.1	23.4	35.2
142	84.2	66.3	99.5





#37
2-Methylnaphthalene
Concen: 85.951 ng
RT: 12.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

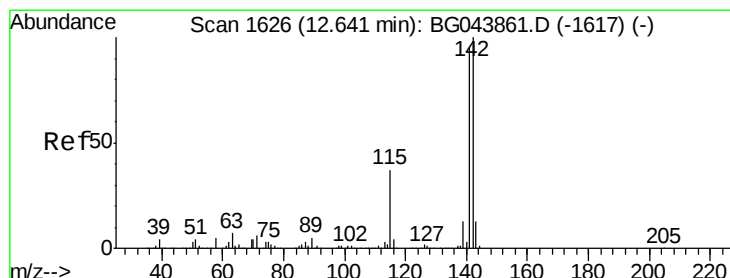
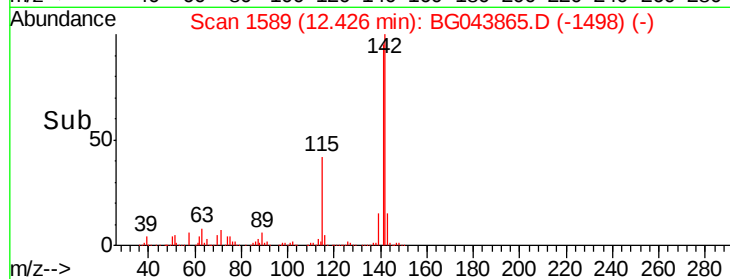
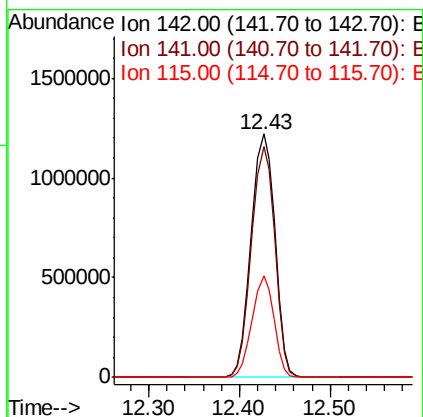
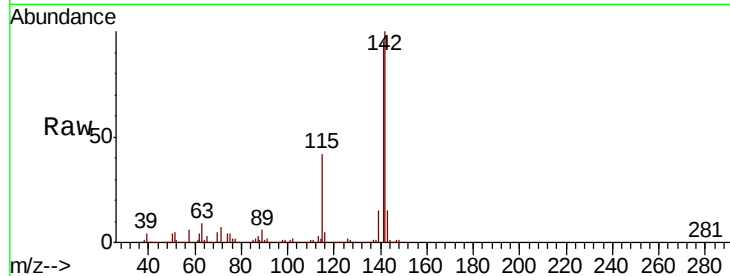
Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
142	100		
141	94.8	75.8	113.8
115	41.7	28.6	42.8

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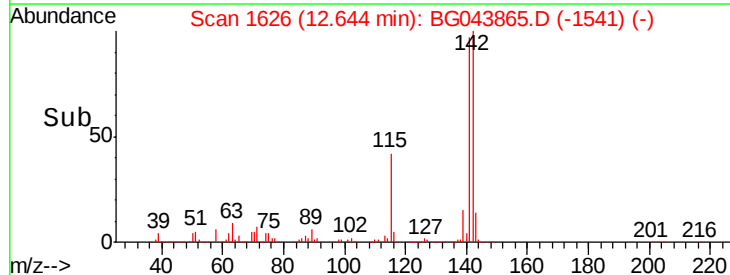
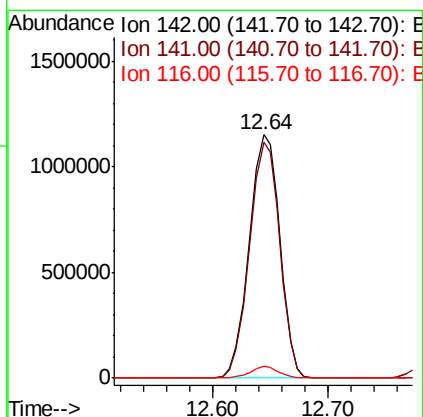
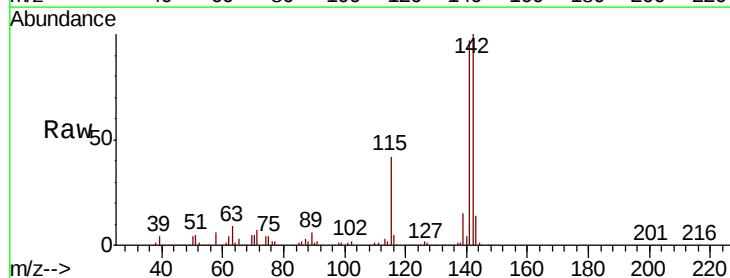
mohammad

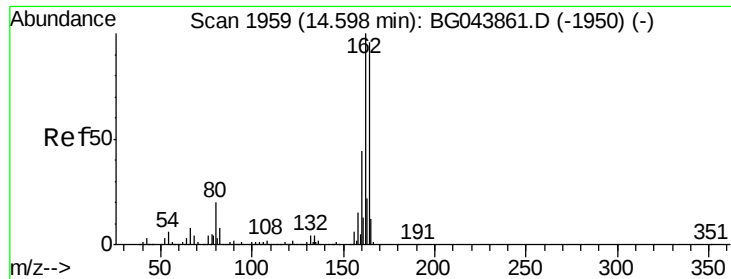
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#38
1-Methylnaphthalene
Concen: 86.325 ng
RT: 12.64 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.1	76.0	114.0
116	4.8	3.1	4.7#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

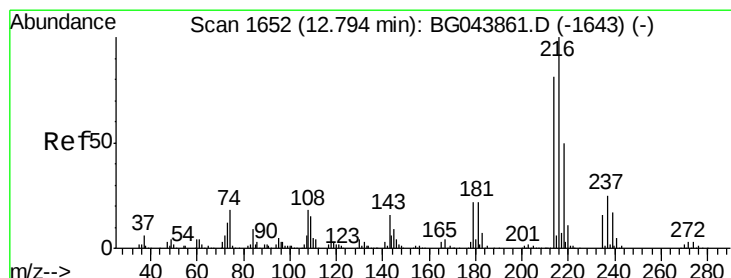
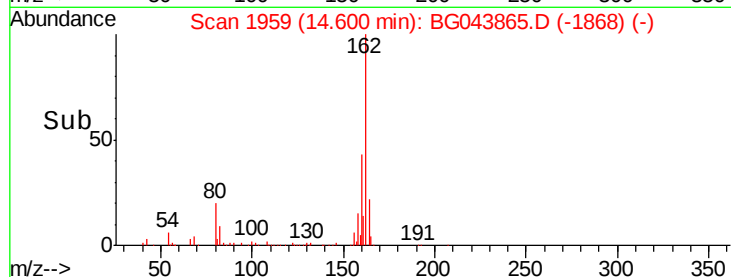
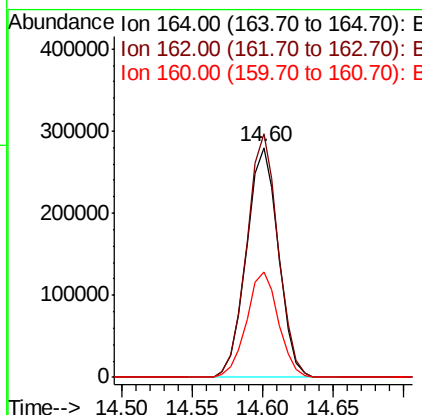
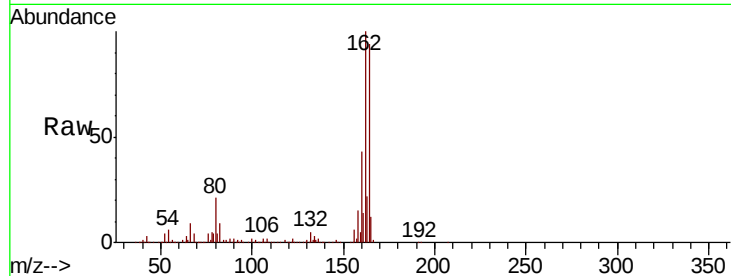
Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.9	83.0	124.4	
160	45.8	36.1	54.1	

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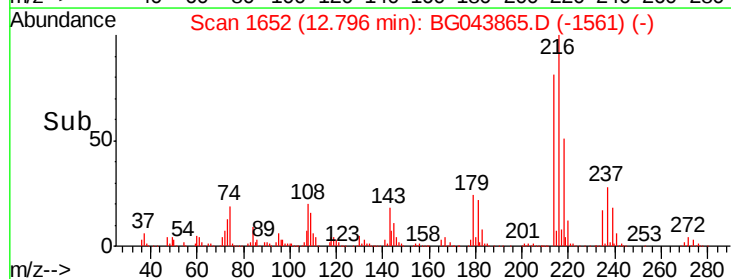
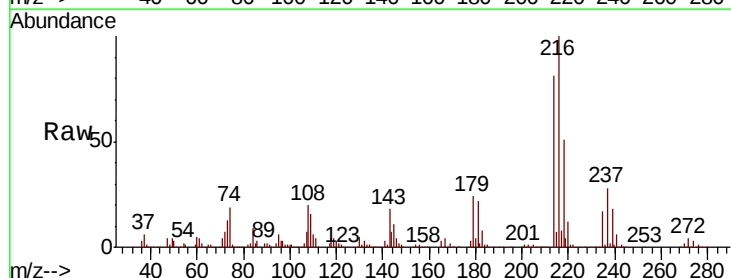
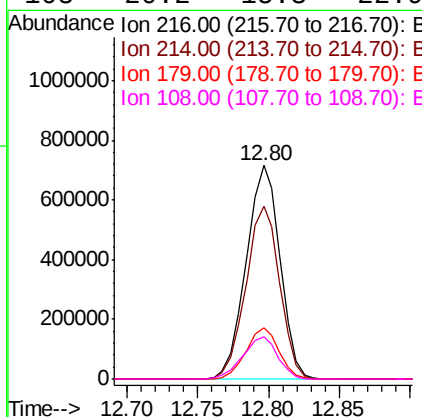
mohammad

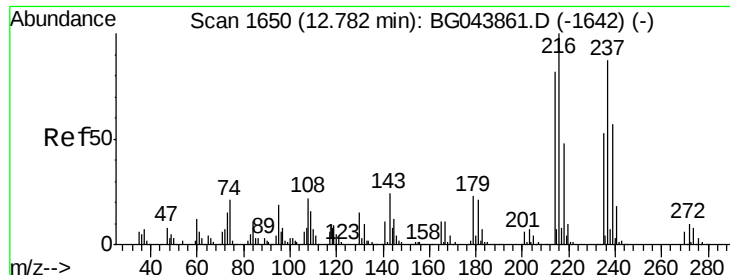
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 92.607 ng
RT: 12.80 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.7	63.8	95.8	
179	23.1	17.3	25.9	
108	20.2	15.3	22.9	





#41
Hexachlorocyclopentadiene
Concen: 101.945 ng
RT: 12.78 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

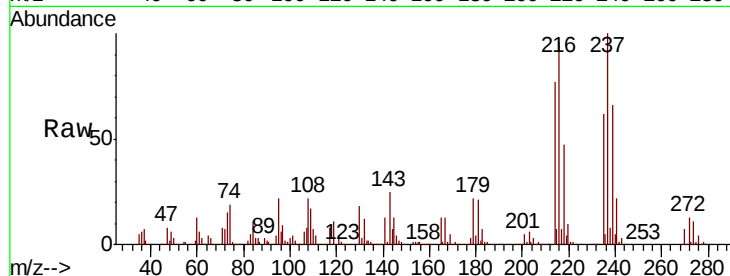
Instrument :
BNA_G
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.0	41.1	81.1
272	12.7	0.0	31.7

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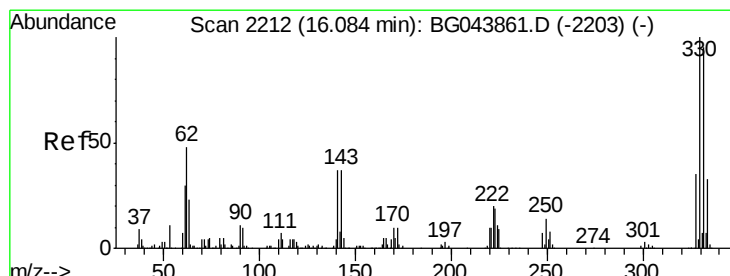
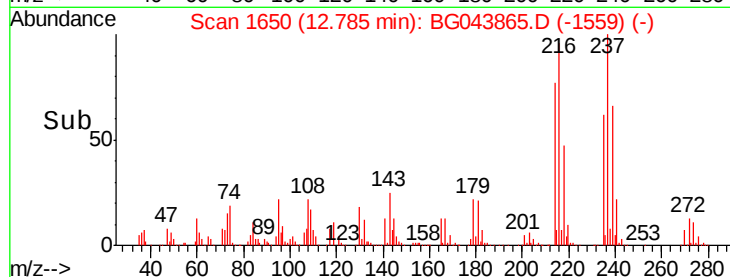
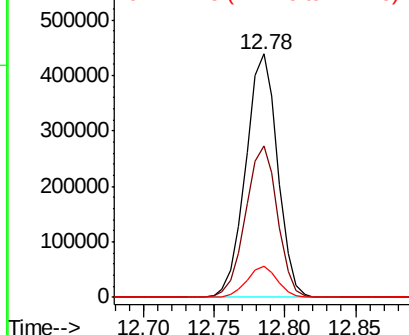


Abundance

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: 182.222 ng
RT: 16.09 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

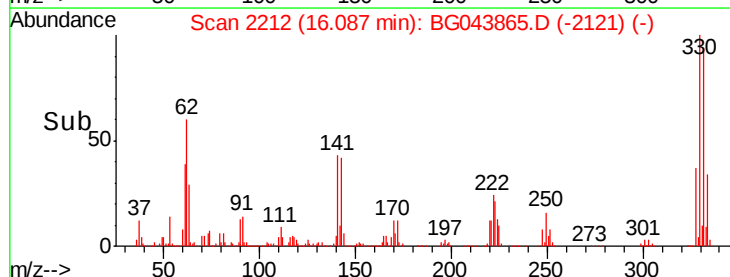
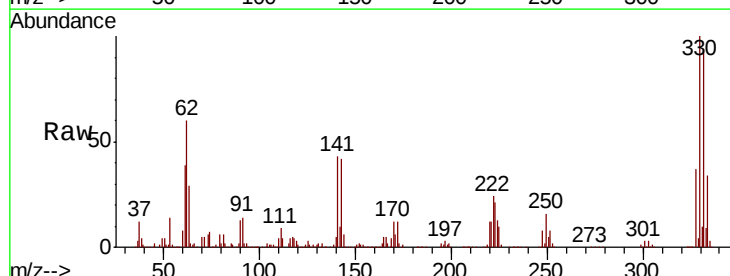
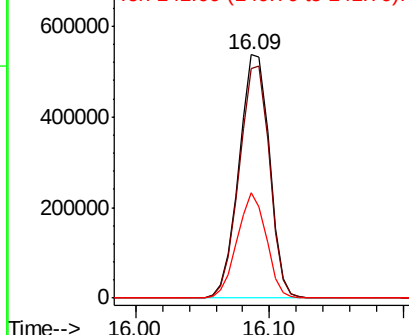
Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.3	77.2	115.8
141	41.5	33.1	49.7

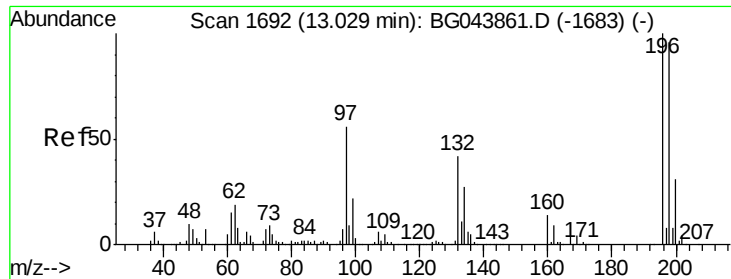
Abundance

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: 95.717 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BG043865.D
 Acq: 30 Dec 2019 15:51

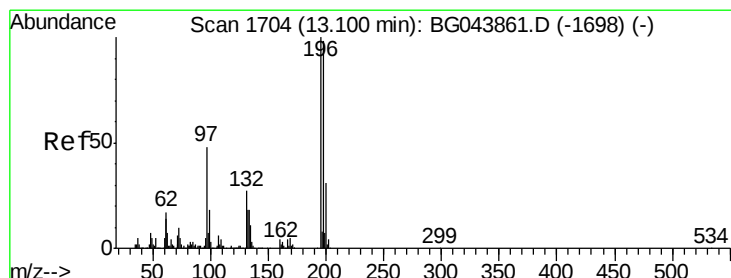
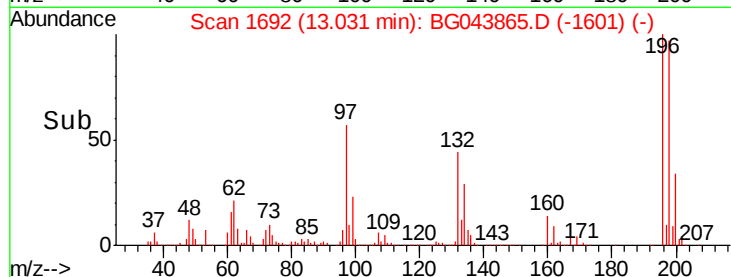
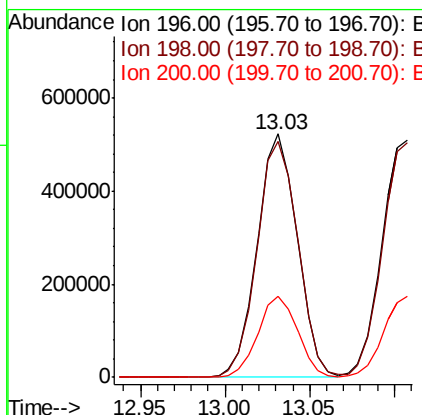
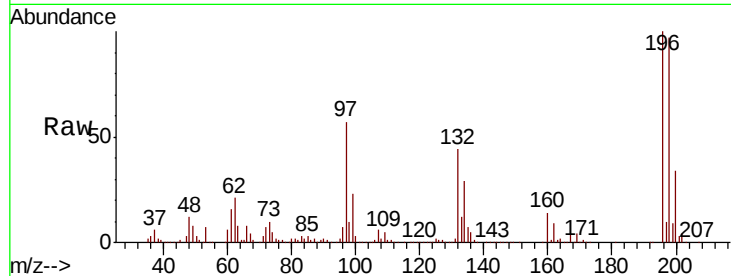
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.6	115.0
200	33.5	24.6	37.0

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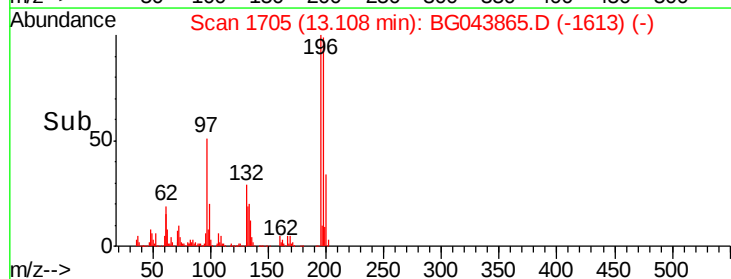
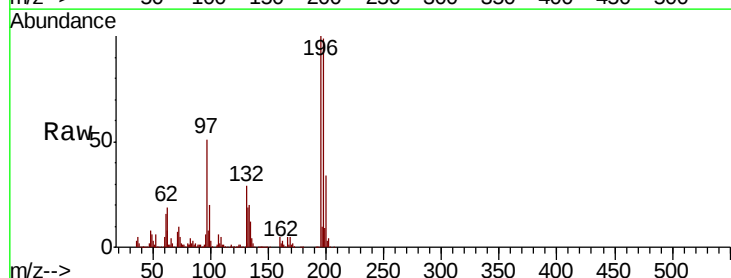
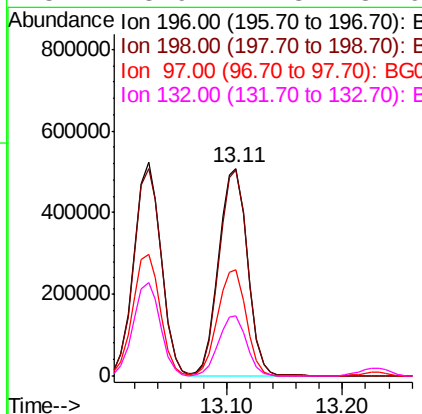
mohammad

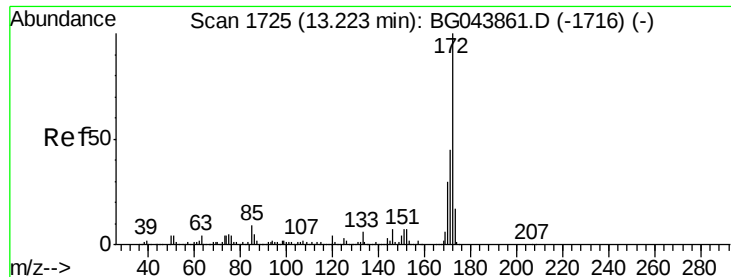
12/31/2019 1:48:05 PM



#44
 2,4,5-Trichlorophenol
 Concen: 95.007 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. 0.01 min
 Lab File: BG043865.D
 Acq: 30 Dec 2019 15:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.2	78.3	117.5
97	51.0	38.8	58.2
132	28.9	21.3	31.9





#45
2-Fluorobiphenyl
Concen: 162.476 ng
RT: 13.23 min Scan# 1726
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

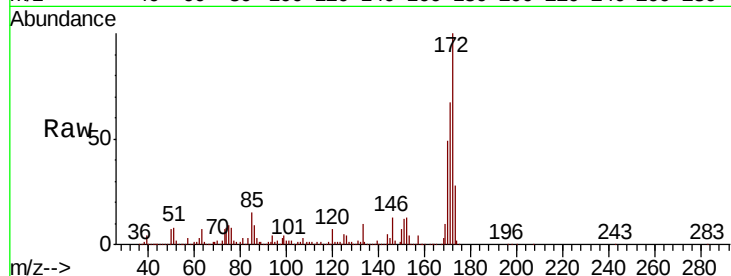
Instrument :
BNA_G
ClientSampleId :
SSTDIC100

Tot Ion:172 Resp: 4028067
Ion Ratio Lower Upper
172 100
171 67.4 35.8 53.8#
170 48.9 24.2 36.4#

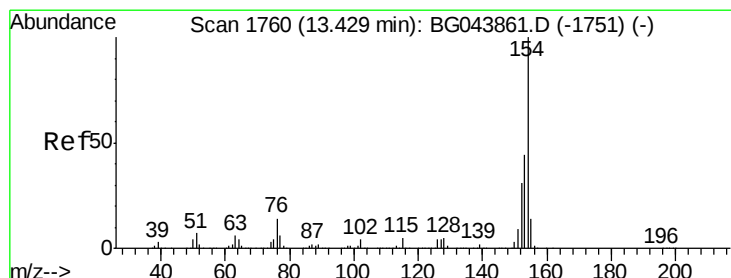
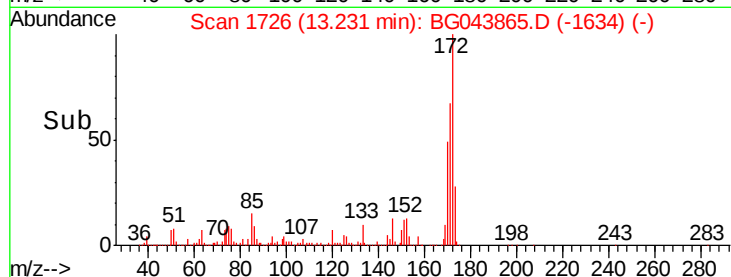
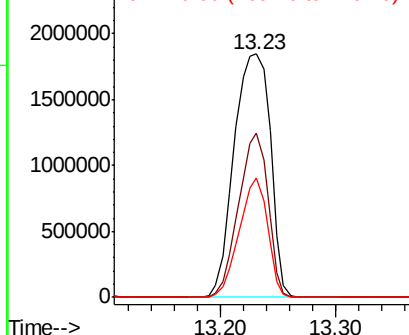
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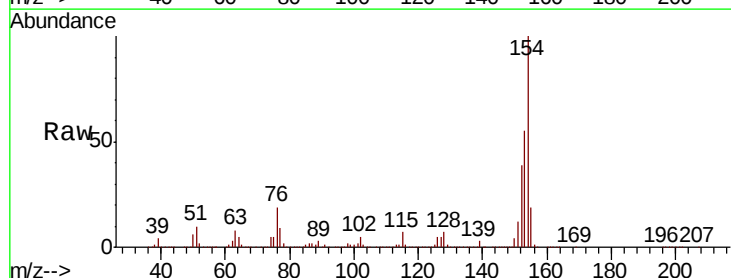


Abundance Ion 172.00 (171.70 to 172.70): E
2500000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

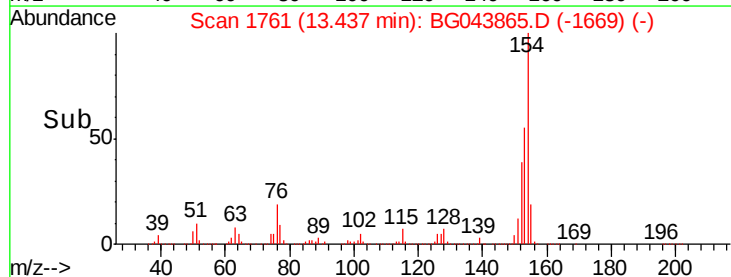
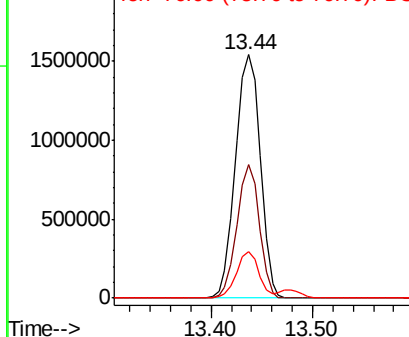


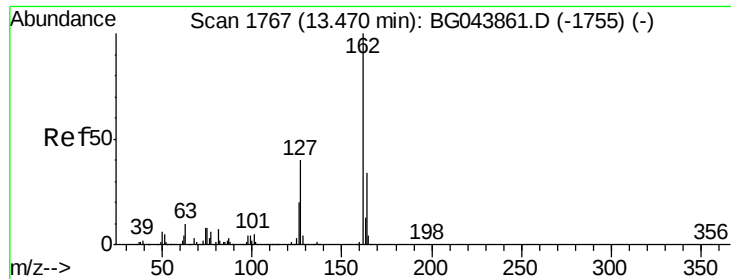
#46
1,1'-Biphenyl
Concen: 82.126 ng
RT: 13.44 min Scan# 1761
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

Tgt Ion:154 Resp: 2621224
Ion Ratio Lower Upper
154 100
153 55.1 23.6 63.6
76 19.3 0.0 34.4



Abundance Ion 154.00 (153.70 to 154.70): E
2000000
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG





#47

2-Chloronaphthalene

Concen: 86.137 ng

RT: 13.48 min Scan# 1768

Delta R.T. 0.01 min

Lab File: BG043865.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampleId :

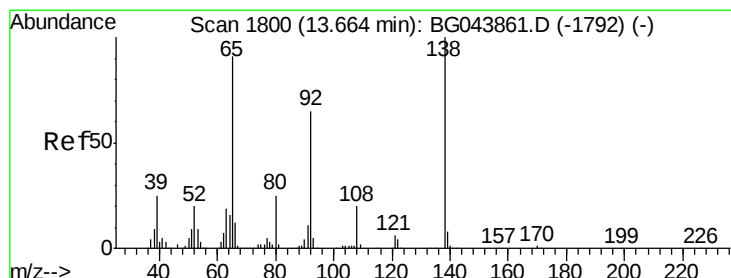
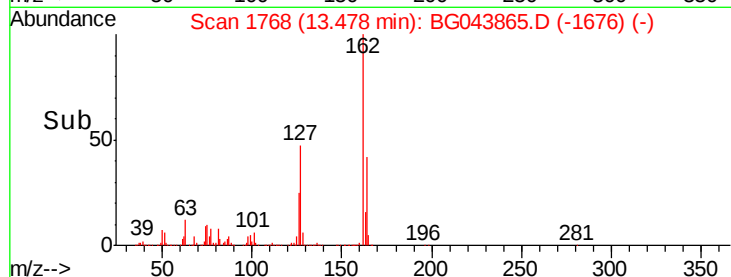
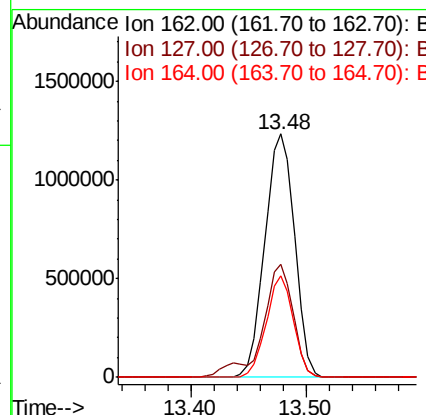
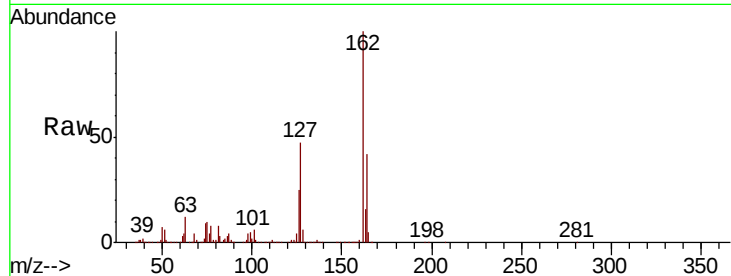
SSTDICC100

Tot Ion:	162	Resp:	2215125
Ion Ratio	Lower	Upper	
162	100		
127	46.6	32.1	48.1
164	41.8	27.5	41.3#

Manual Integrations
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#48

2-Nitroaniline

Concen: 96.040 ng

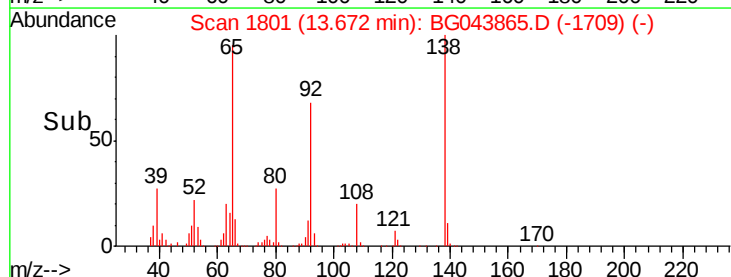
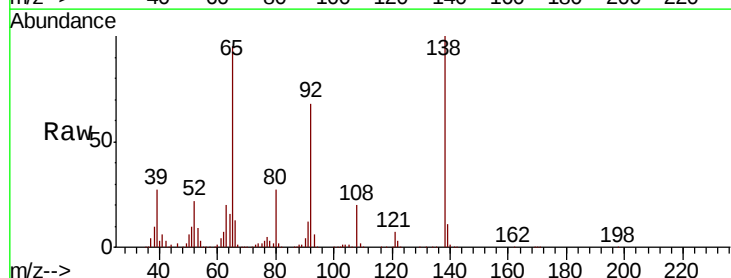
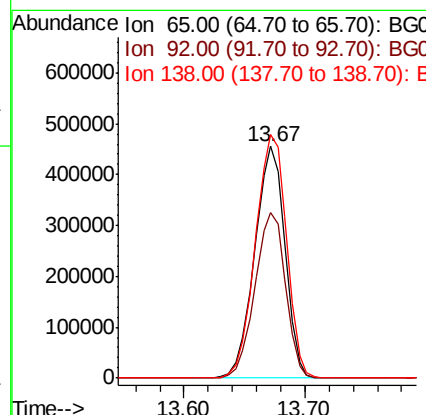
RT: 13.67 min Scan# 1801

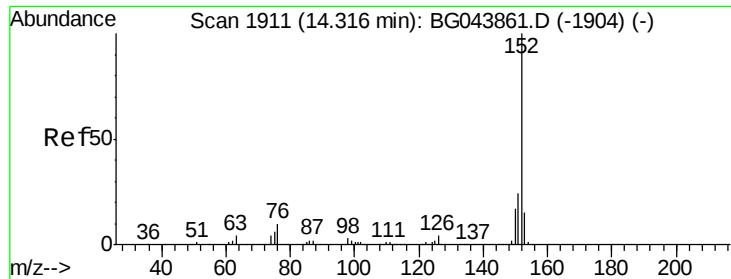
Delta R.T. 0.01 min

Lab File: BG043865.D

Acq: 30 Dec 2019 15:51

Tgt Ion:	65	Resp:	794257
Ion Ratio	Lower	Upper	
65	100		
92	71.6	57.4	86.2
138	105.2	88.2	132.4





#49

Acenaphthylene

Concen: 81.548 ng

RT: 14.32 min Scan# 1912

Delta R.T. 0.01 min

Lab File: BG043865.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampleId :

SSTDICC100

Tot Ion:152 Resp: 3012454

Ion Ratio Lower Upper

152 100

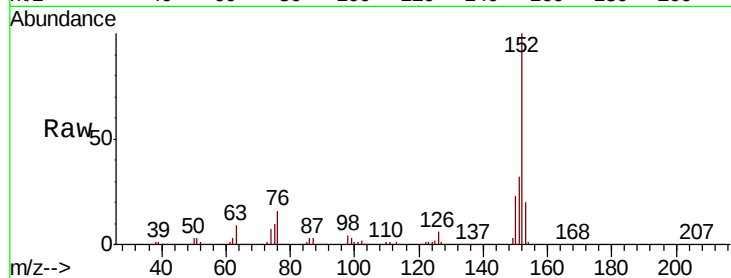
151 31.8 19.4 29.2#

153 20.3 12.0 18.0#

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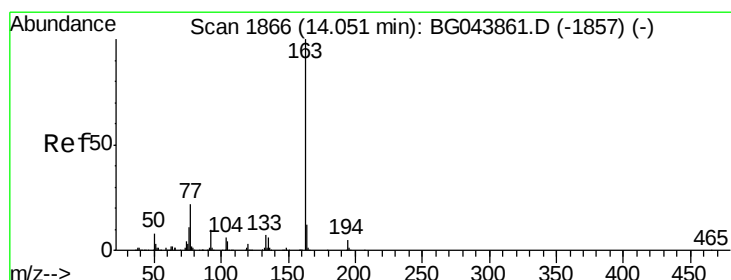
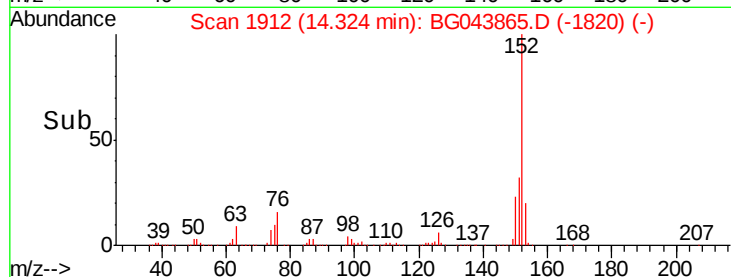
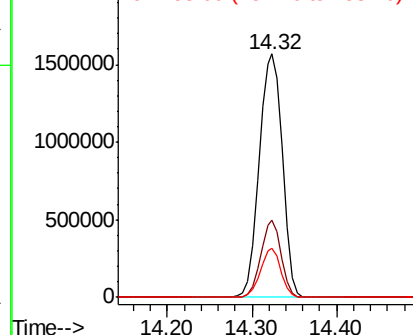


Abundance

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: 81.115 ng

RT: 14.07 min Scan# 1868

Delta R.T. 0.01 min

Lab File: BG043865.D

Acq: 30 Dec 2019 15:51

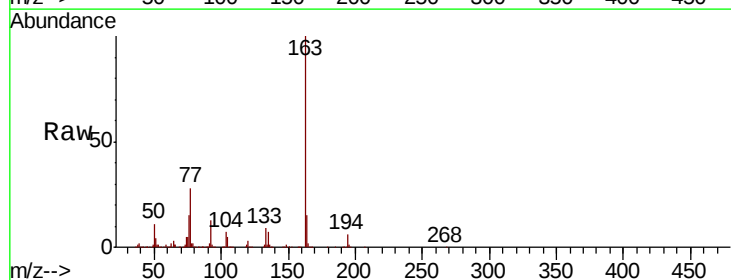
Tgt Ion:163 Resp: 2563815

Ion Ratio Lower Upper

163 100

194 6.0 3.7 5.5#

164 14.6 9.3 13.9#

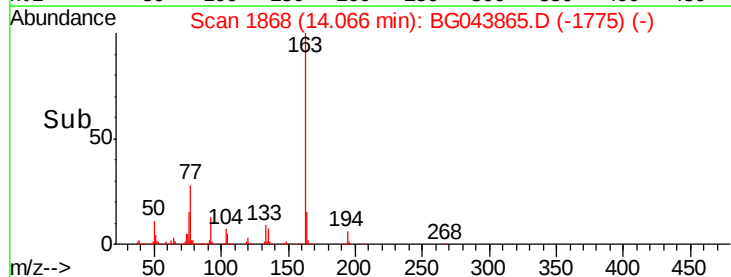
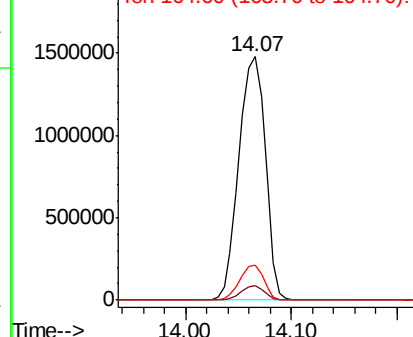


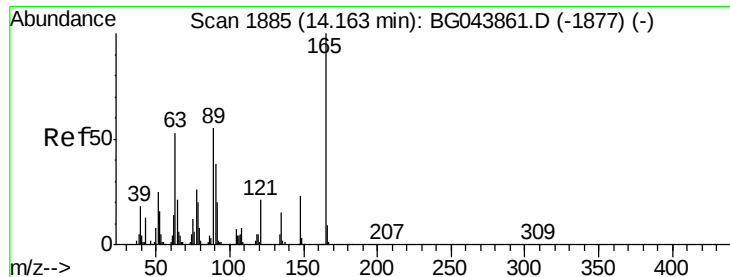
Abundance

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: 93.675 ng
 RT: 14.17 min Scan# 1886
 Delta R.T. 0.01 min
 Lab File: BG043865.D
 Acq: 30 Dec 2019 15:51

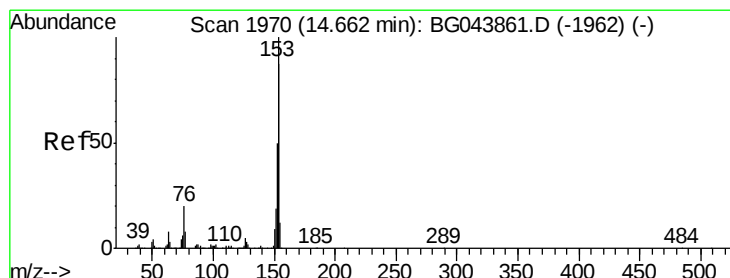
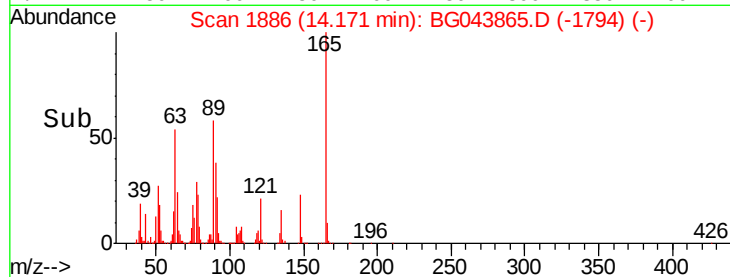
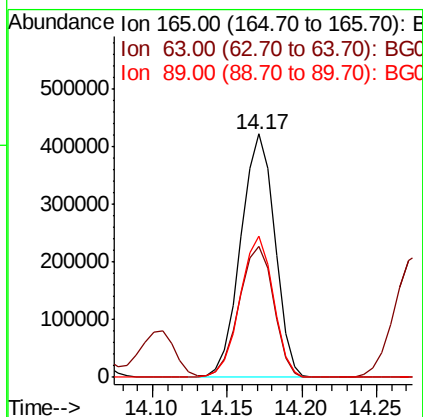
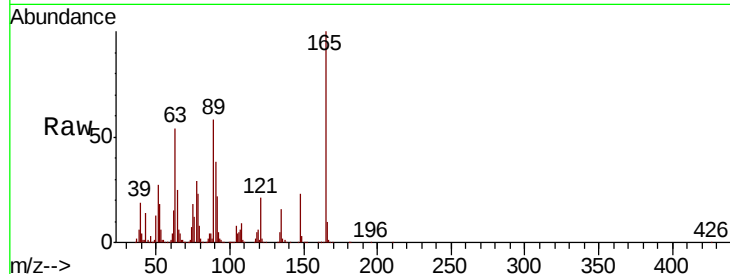
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	53.8	43.1	64.7
89	57.8	43.8	65.6

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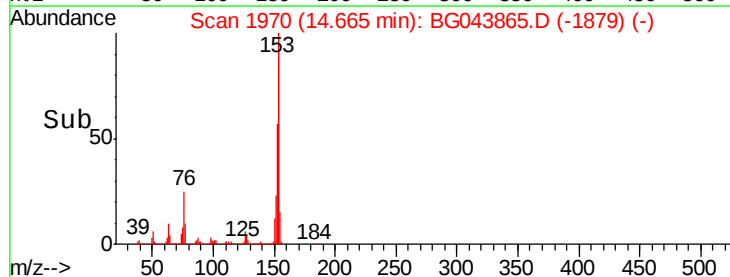
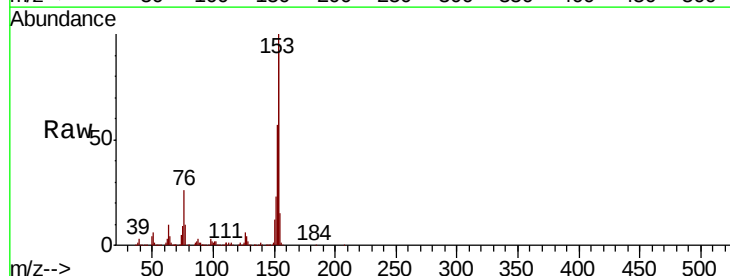
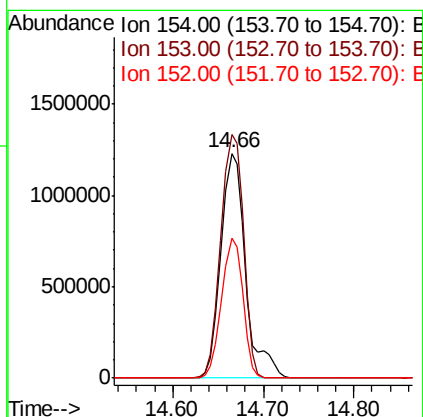
mohammad

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#52
 Acenaphthene
 Concen: 89.648 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG043865.D
 Acq: 30 Dec 2019 15:51

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	108.4	91.6	137.4
152	62.2	45.4	68.0





#53
3-Nitroaniline
Concen: 90.601 ng
RT: 14.50 min Scan# 1942
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

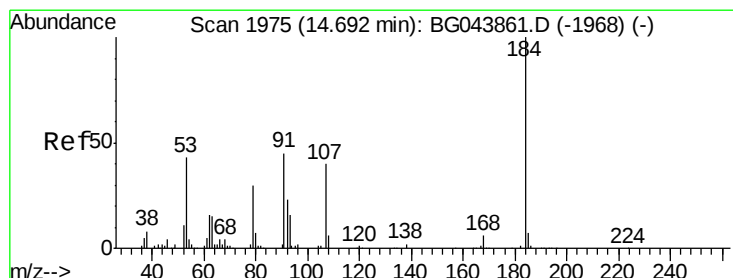
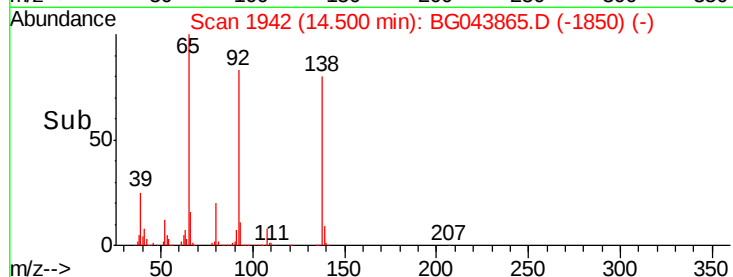
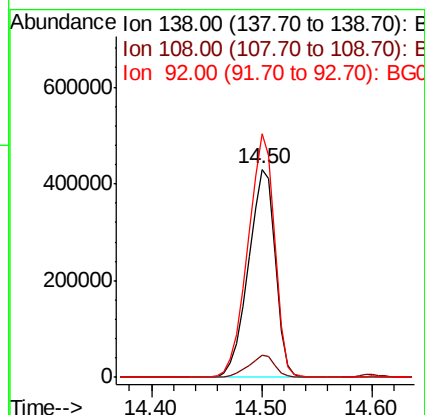
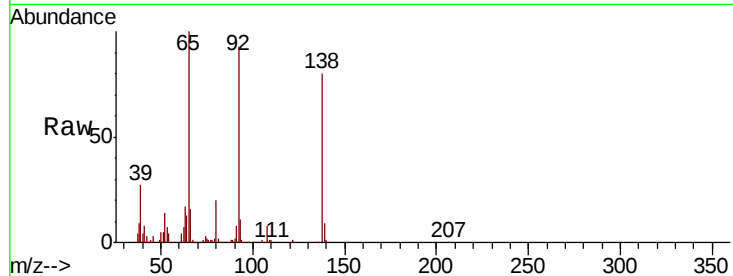
Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	7.4	11.2
92	116.9	92.1	138.1

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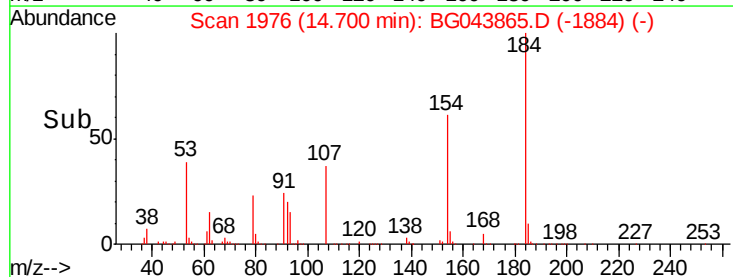
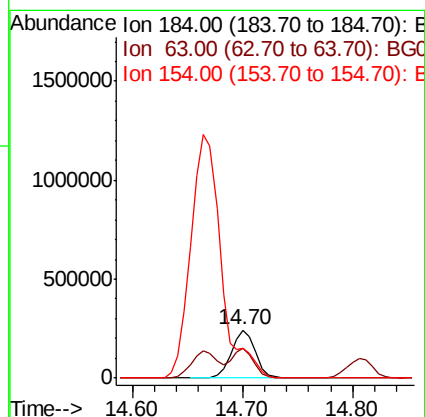
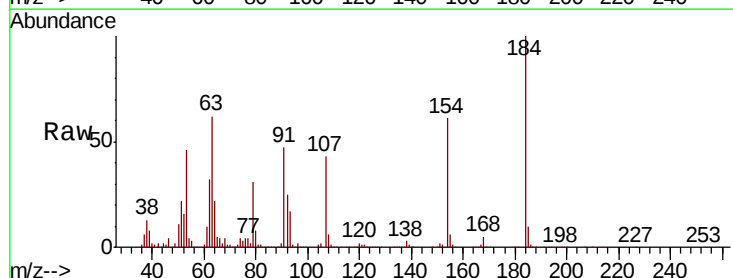
mohammad

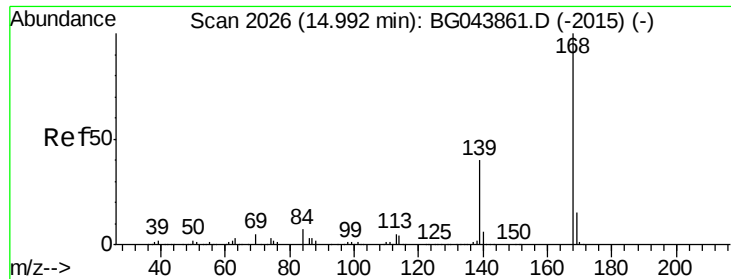
12/31/2019 1:48:05 PM



#54
2,4-Dinitrophenol
Concen: 114.902 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.9	46.6	70.0
154	61.5	50.2	75.4





#55

Dibenzofuran

Concen: 78.849 ng

RT: 15.00 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BG043865.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampleId :

SSTDICC100

Tot Ion:168 Resp: 2818989

Ion Ratio Lower Upper

168 100

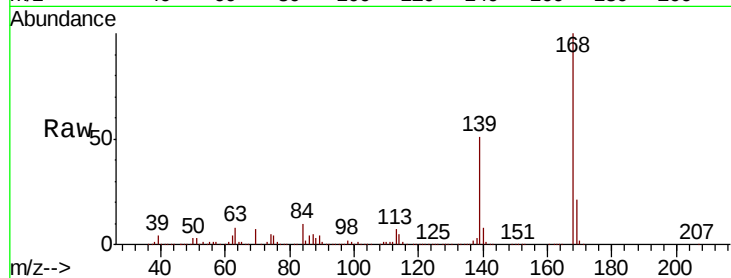
139 51.4 32.2 48.2#

169 21.0 12.2 18.2#

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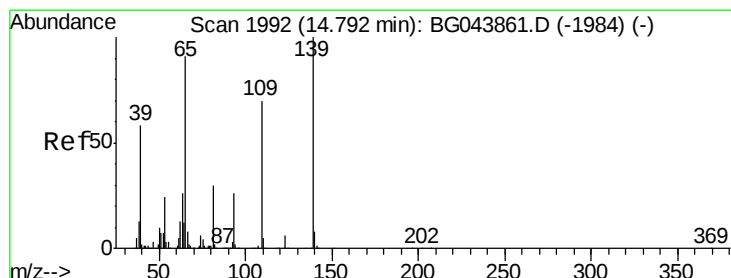
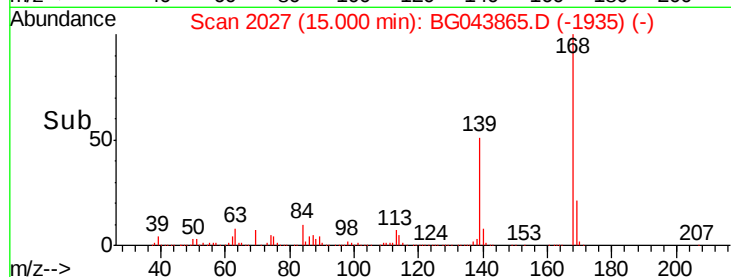
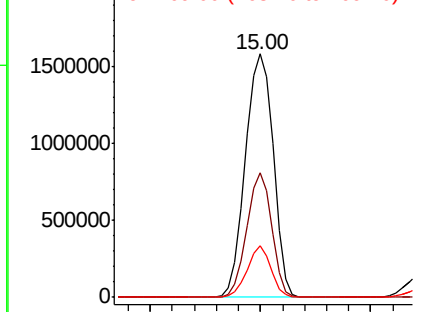


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 92.687 ng

RT: 14.81 min Scan# 1994

Delta R.T. 0.01 min

Lab File: BG043865.D

Acq: 30 Dec 2019 15:51

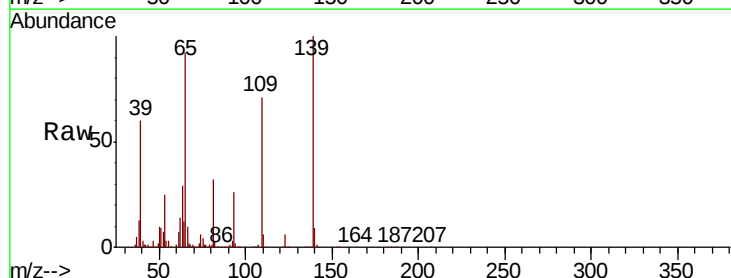
Tgt Ion:139 Resp: 576469

Ion Ratio Lower Upper

139 100

109 70.7 50.4 90.4

65 91.6 71.4 111.4

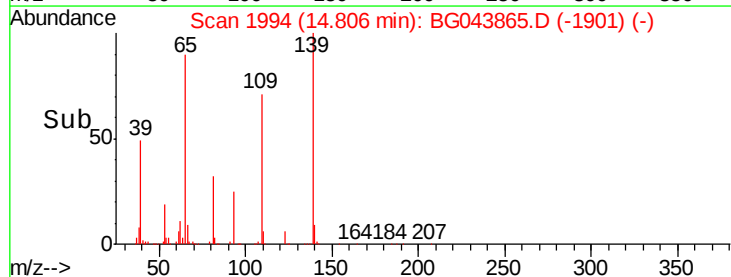
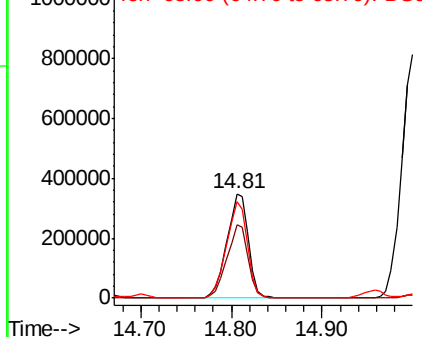


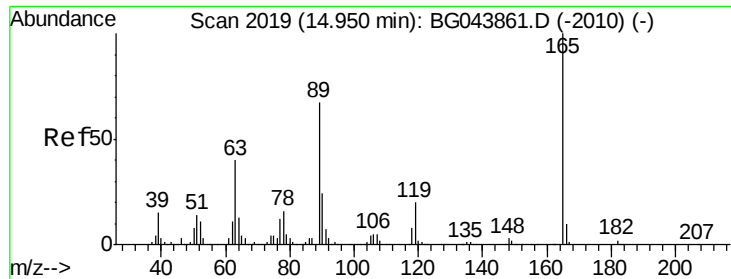
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57
2,4-Dinitrotoluene
Concen: 91.116 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

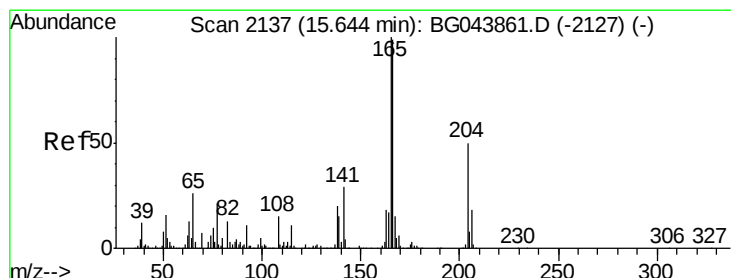
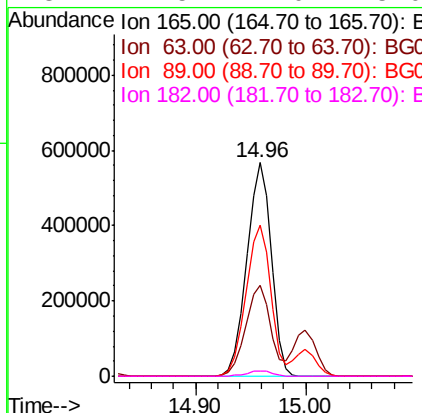
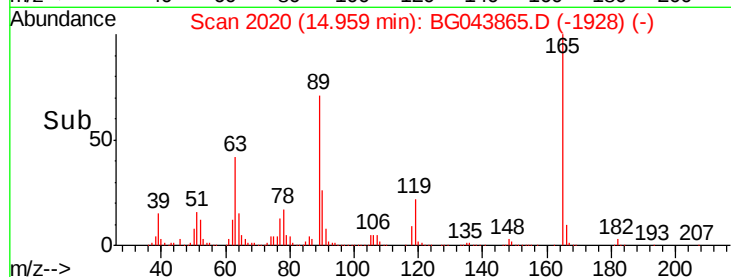
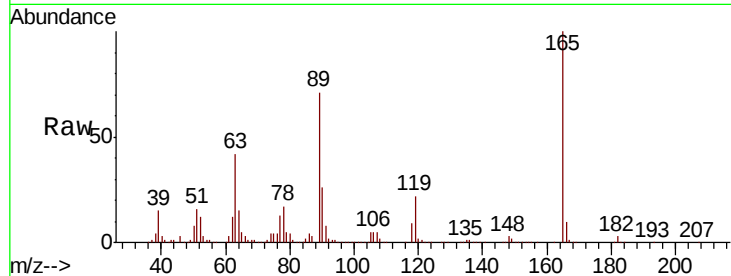
Instrument :
BNA_G
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	42.4	31.9	47.9
89	70.8	53.8	80.6
182	2.5	2.0	3.0

Manual Integrations
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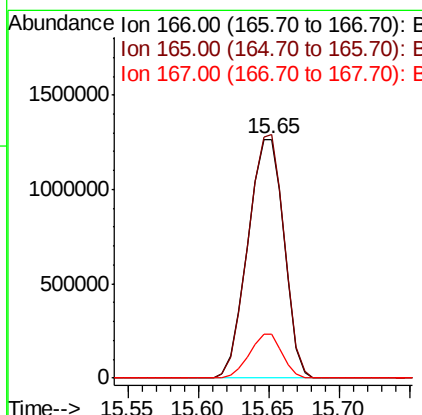
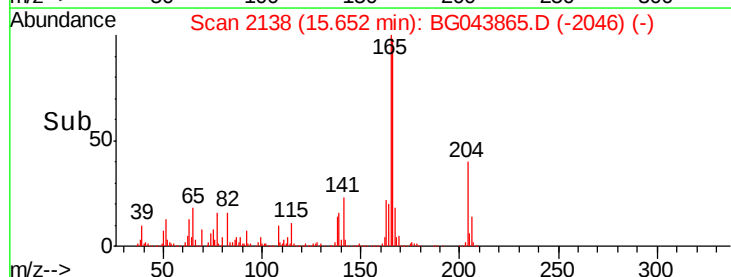
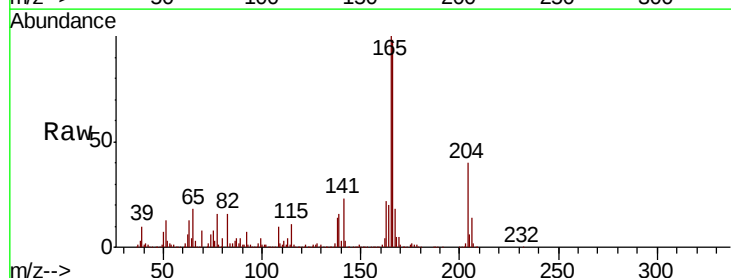
mohammad

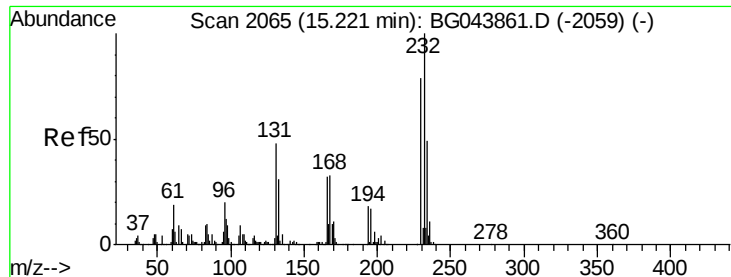
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#58
Fluorene
Concen: 80.610 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	102.1	80.8	121.2
167	18.3	12.1	18.1#





#59
 2,3,4,6-Tetrachlorophenol
 Concen: 92.124 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: BG043865.D
 Acq: 30 Dec 2019 15:51

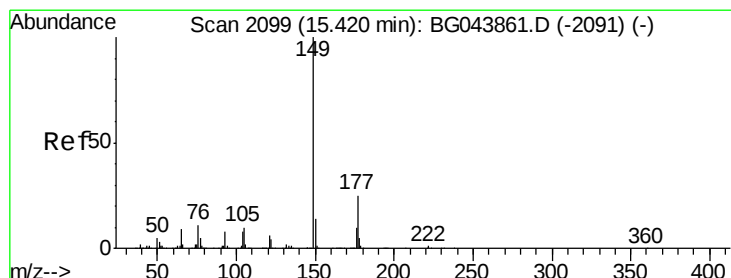
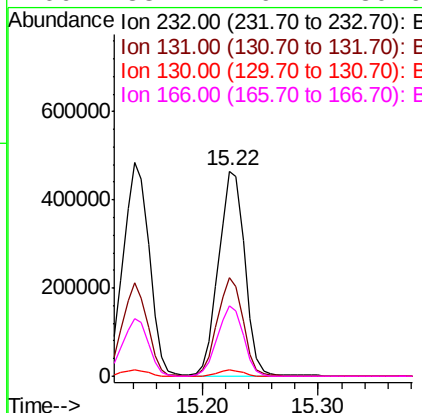
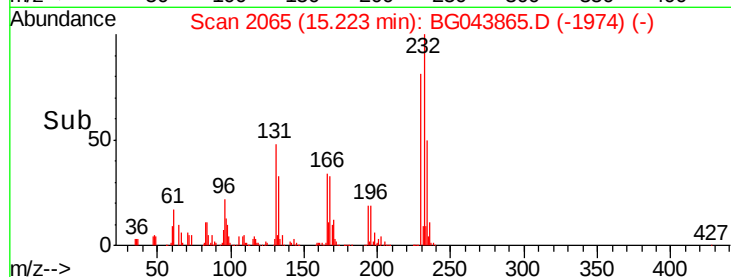
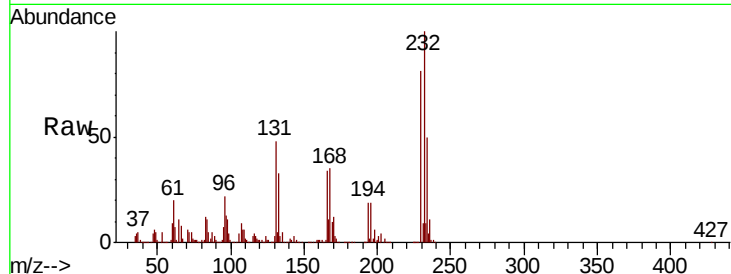
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.9	38.2	57.2
130	2.8	2.2	3.2
166	33.7	26.4	39.6

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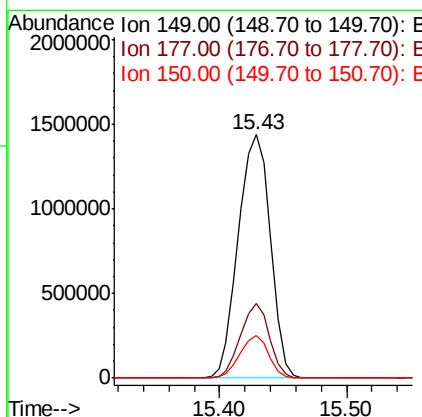
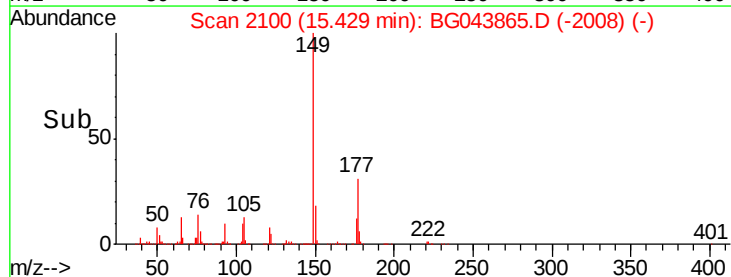
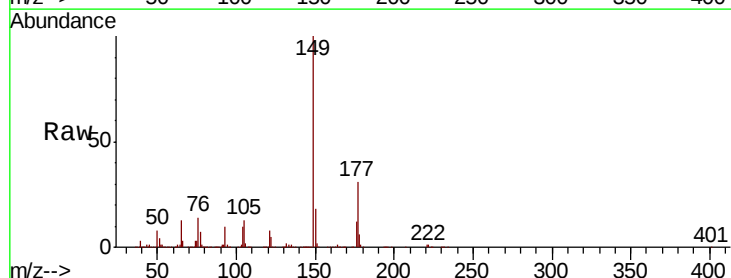
mohammad

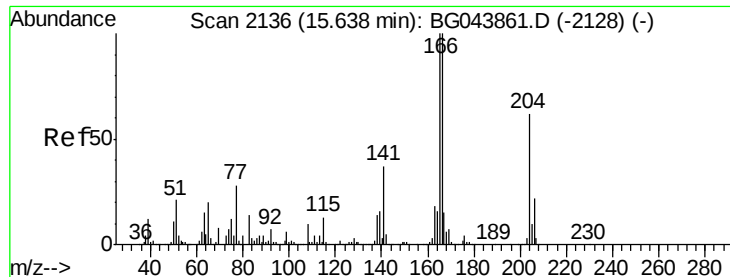
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#60
 Diethylphthalate
 Concen: 79.936 ng
 RT: 15.43 min Scan# 2100
 Delta R.T. 0.01 min
 Lab File: BG043865.D
 Acq: 30 Dec 2019 15:51

Tgt Ion	Ratio	Lower	Upper
149	100		
177	30.6	20.0	30.0#
150	17.6	11.1	16.7#





#61
4-Chlorophenyl-phenylether
Concen: 86.495 ng
RT: 15.64 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

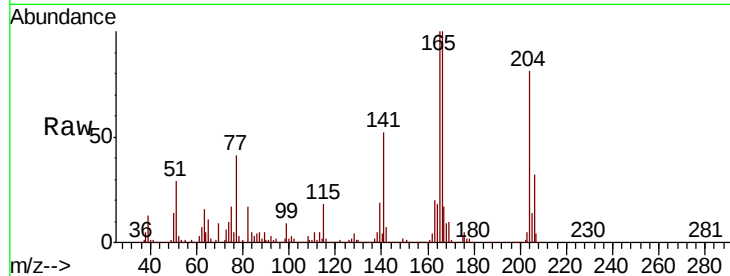
Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion:204 Resp: 1329998
Ion Ratio Lower Upper
204 100
206 39.0 28.2 42.2
141 63.8 48.2 72.2

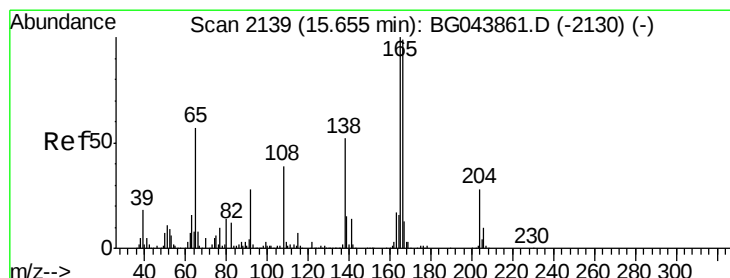
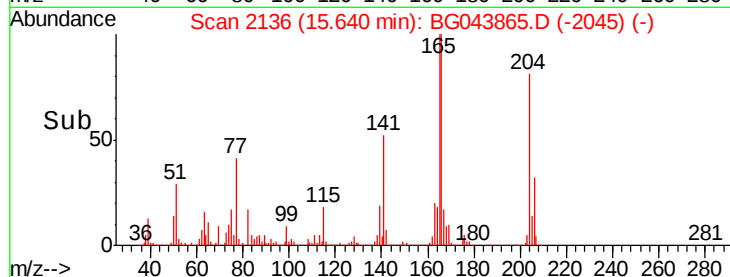
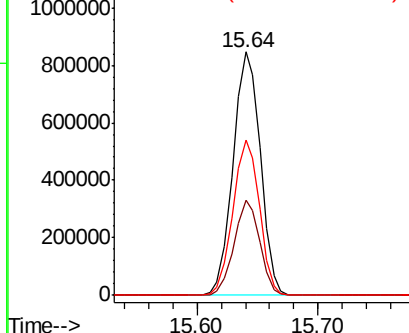
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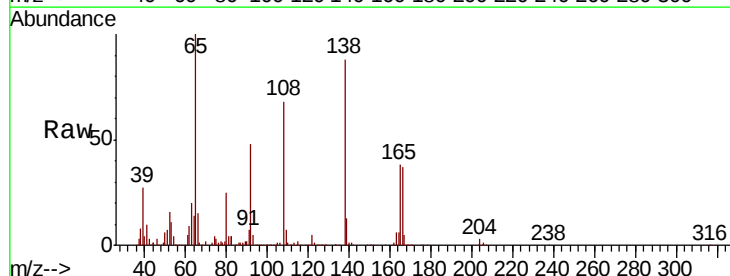


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

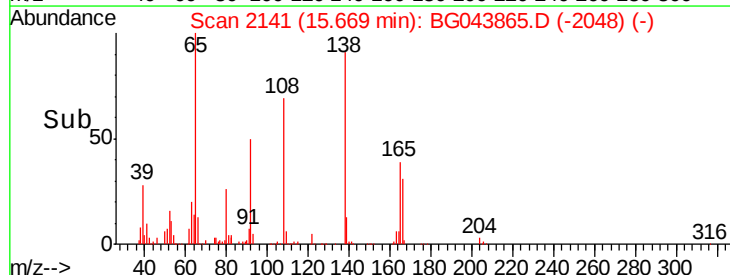
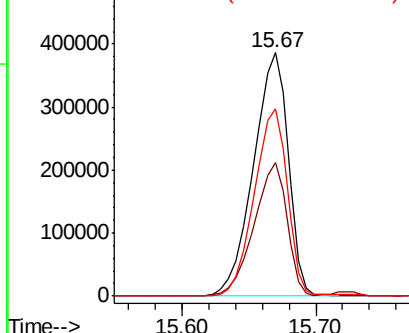


#62
4-Nitroaniline
Concen: 86.933 ng
RT: 15.67 min Scan# 2141
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

Tgt Ion:138 Resp: 695532
Ion Ratio Lower Upper
138 100
92 54.7 34.3 74.3
108 77.0 55.0 95.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 81.498 ng

RT: 15.93 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampleId :

SSTDICC100

Tot Ion: 77 Resp: 2387254

Ion Ratio Lower Upper

77 100

182 32.6 7.3 47.3

105 28.4 3.2 43.2

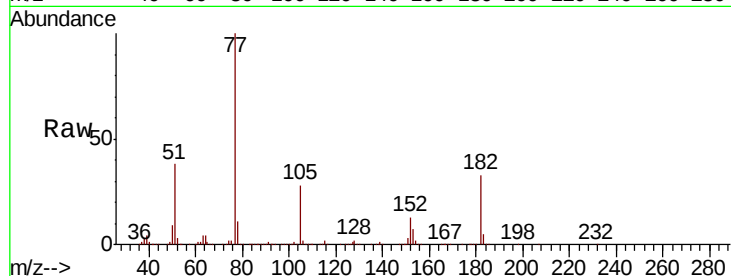
51 38.0 10.6 50.6

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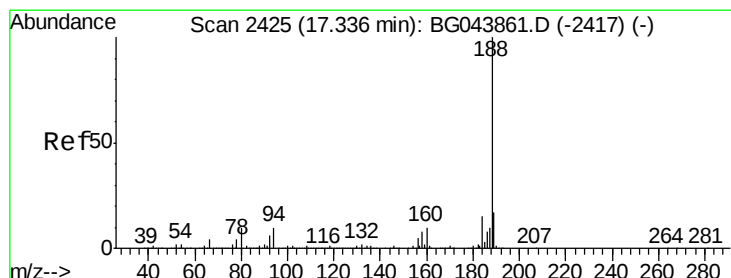
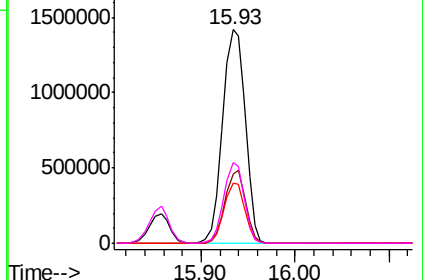
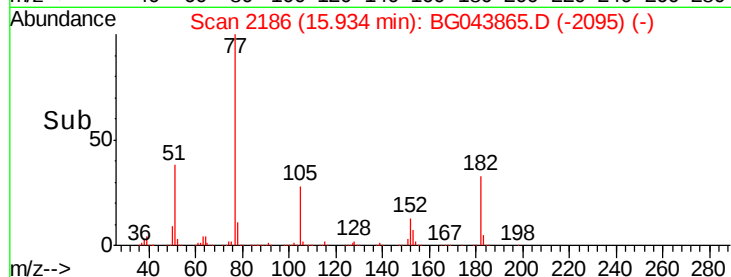


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.34 min Scan# 2426

Delta R.T. 0.01 min

Lab File: BG043865.D

Acq: 30 Dec 2019 15:51

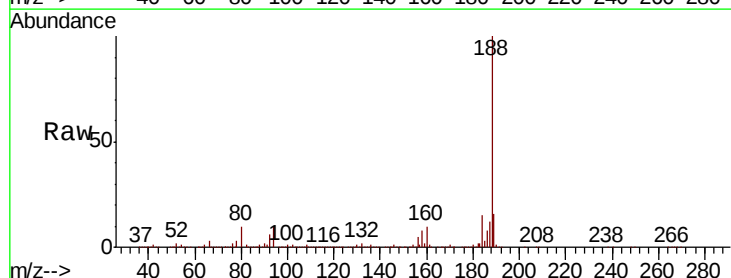
Tgt Ion: 188 Resp: 826524

Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

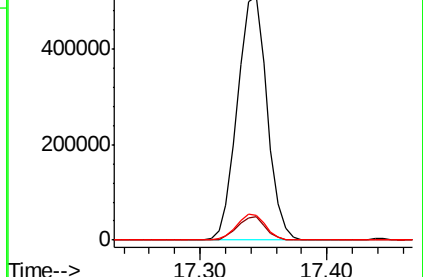
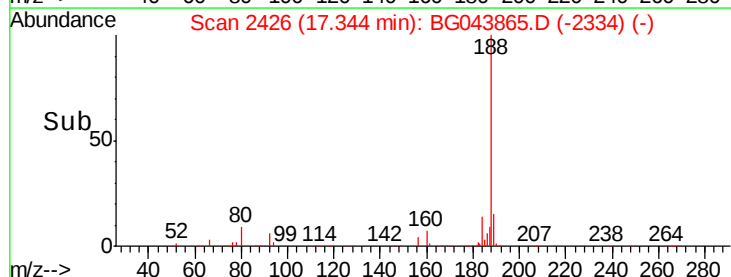
80 10.2 8.2 12.4

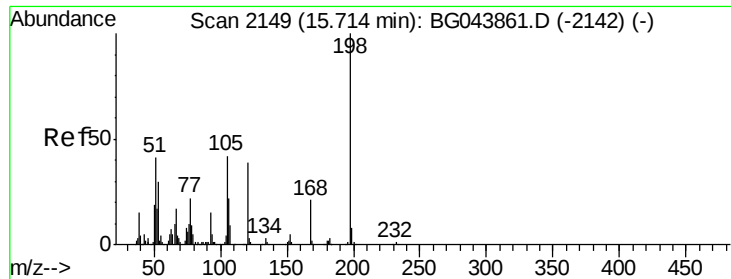


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 111.060 ng

RT: 15.72 min Scan# 2150

Delta R.T. 0.01 min

Lab File: BG043865.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampleId :

SSTDICC100

Tot Ion:198 Resp: 445585

Ion Ratio Lower Upper

198 100

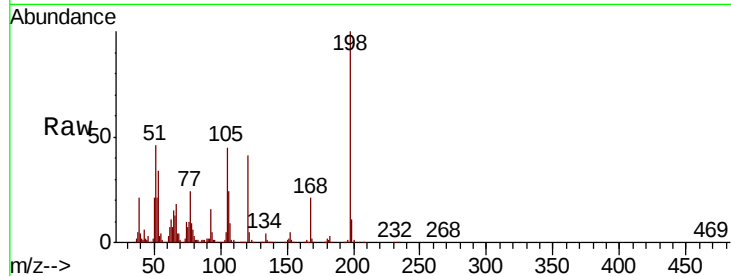
51 45.9 22.5 62.5

105 44.7 22.3 62.3

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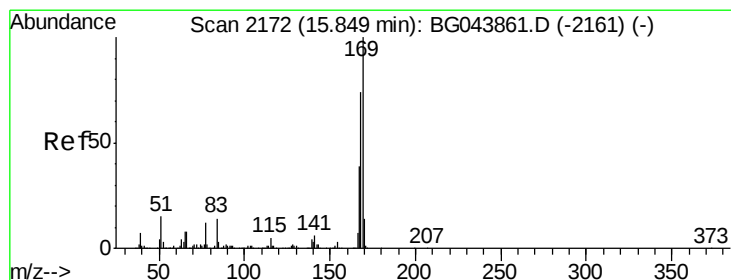
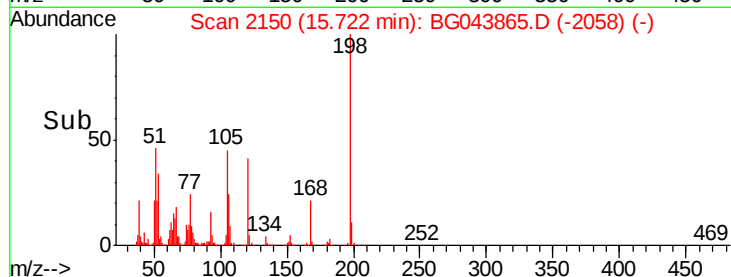
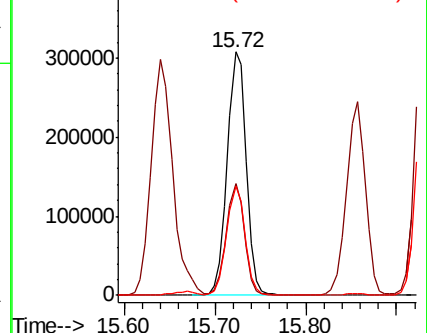
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG043865.D (-2142) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 87.516 ng

RT: 15.86 min Scan# 2173

Delta R.T. 0.01 min

Lab File: BG043865.D

Acq: 30 Dec 2019 15:51

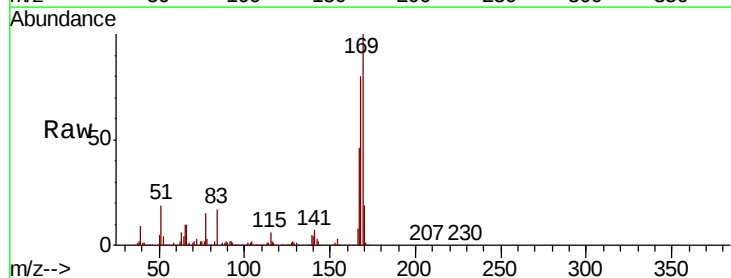
Tgt Ion:169 Resp: 2136040

Ion Ratio Lower Upper

169 100

168 80.2 59.0 88.6

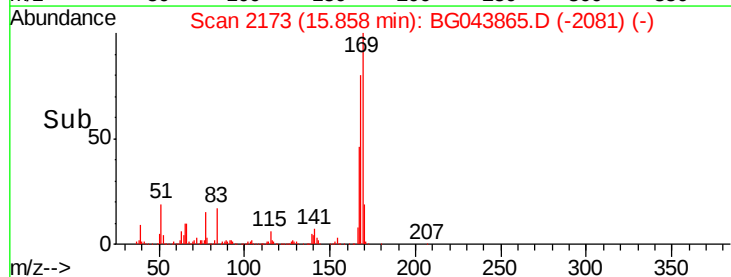
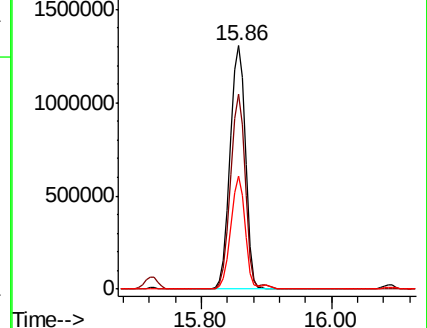
167 46.5 31.4 47.0

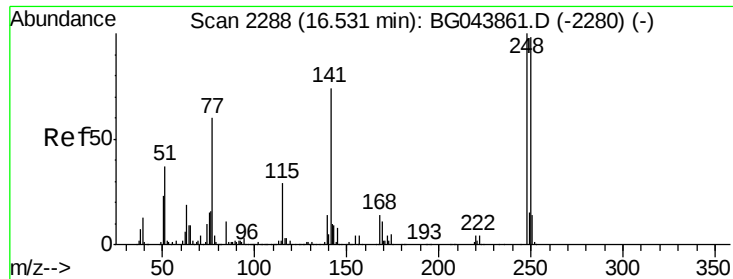


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 95.268 ng

RT: 16.53 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampleId :

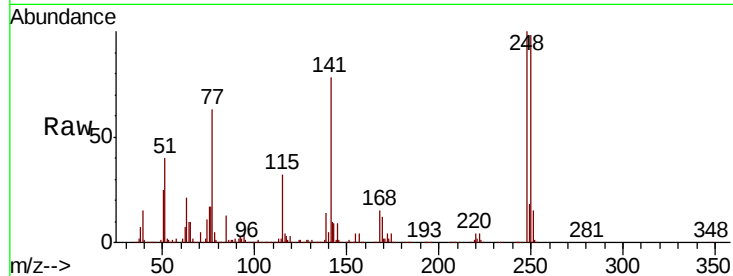
SSTDICC100

Tot Ion:	248	Resp:	885070
Ion Ratio	Lower	Upper	
248	100		
250	97.6	78.2	117.2
141	78.1	59.3	88.9

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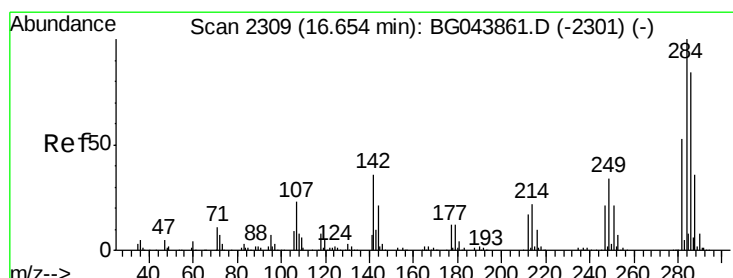
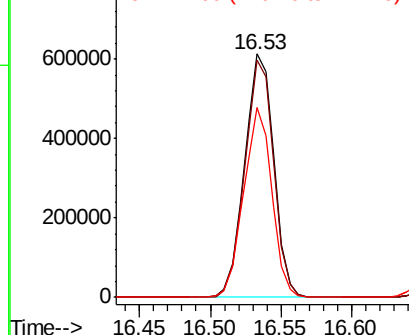
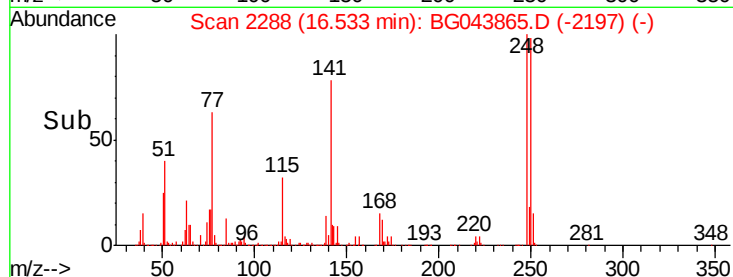


Abundance

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: 93.775 ng

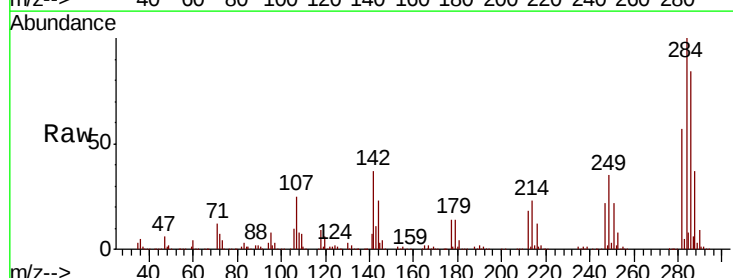
RT: 16.66 min Scan# 2309

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 15:51

Tgt Ion:	284	Resp:	940066
Ion Ratio	Lower	Upper	
284	100		
142	37.5	28.6	43.0
249	35.2	27.0	40.6

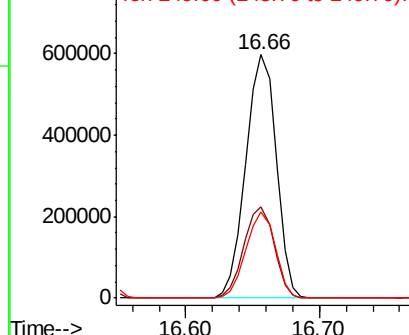
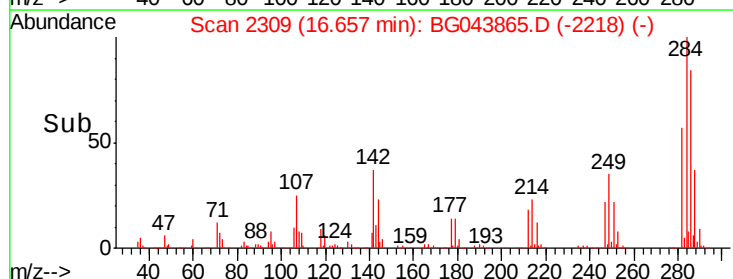


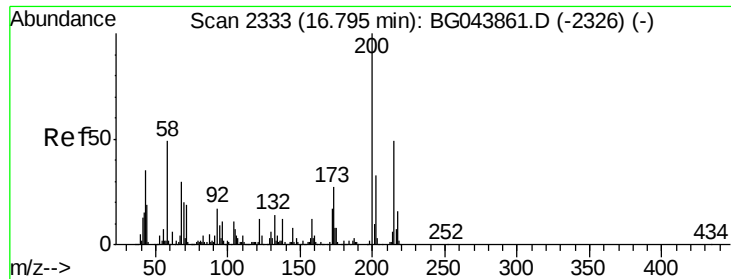
Abundance

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: 77.368 ng
RT: 16.80 min Scan# 2334
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

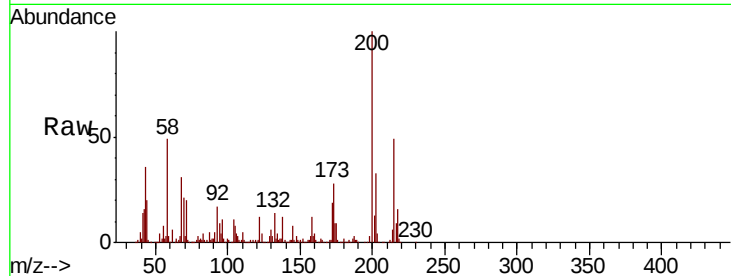
Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.3	6.6	46.6
215	49.4	28.6	68.6

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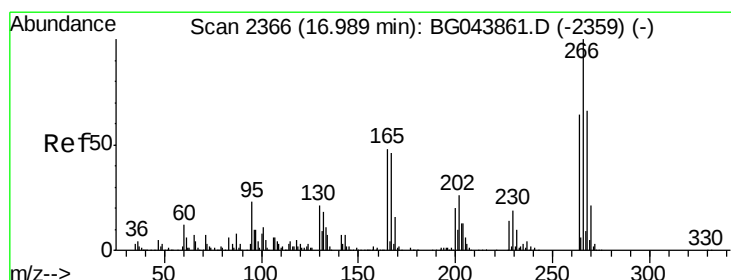
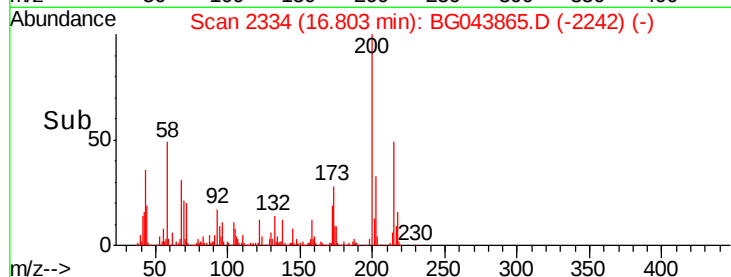
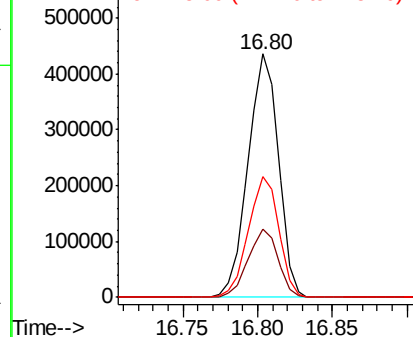


Abundance

Ion 200.00 (199.70 to 200.70): E

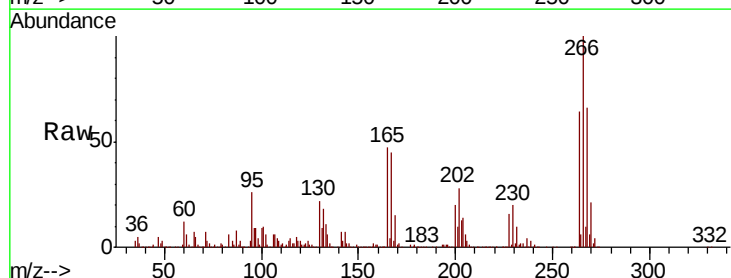
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 101.566 ng
RT: 16.99 min Scan# 2366
Delta R.T. 0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	66.4	52.6	79.0
264	63.7	50.8	76.2

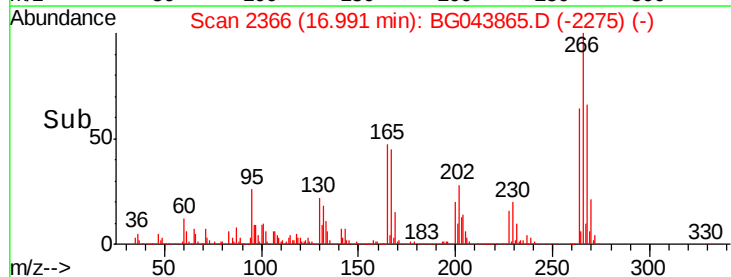
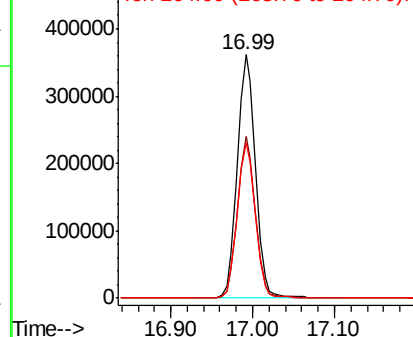


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 78.410 ng

RT: 17.39 min Scan# 2433

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampleId :

SSTDICC100

Tot Ion:178 Resp: 3110320

Ion Ratio Lower Upper

178 100

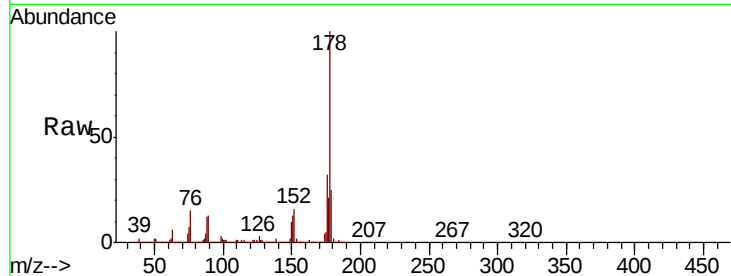
176 32.4 18.6 28.0#

179 25.5 14.4 21.6#

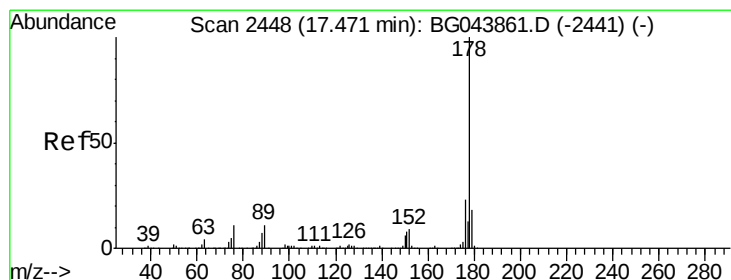
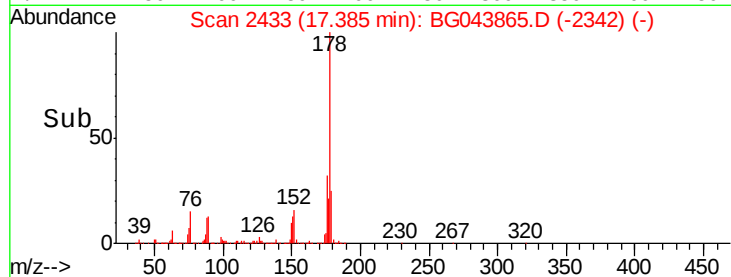
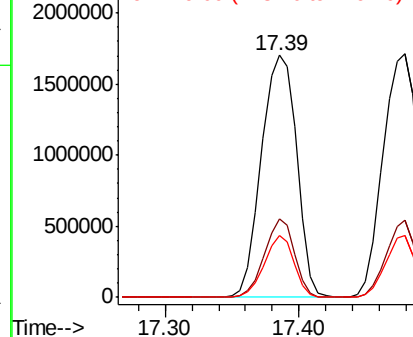
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 78.399 ng

RT: 17.48 min Scan# 2449

Delta R.T. 0.01 min

Lab File: BG043865.D

Acq: 30 Dec 2019 15:51

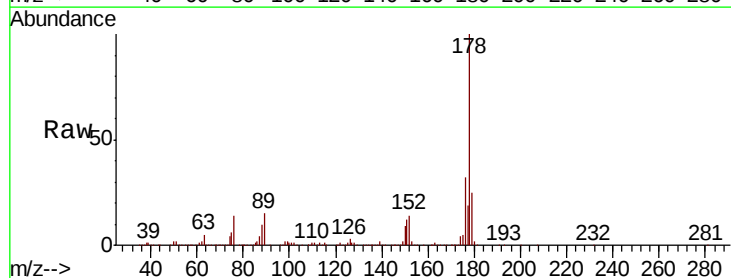
Tgt Ion:178 Resp: 3070727

Ion Ratio Lower Upper

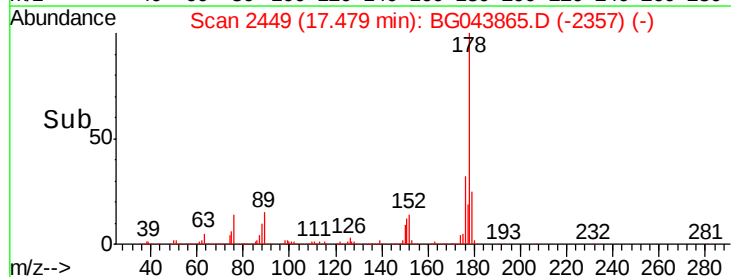
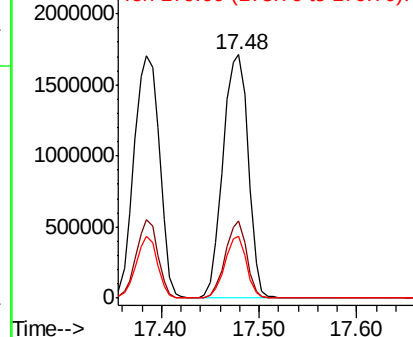
178 100

176 32.0 18.3 27.5#

179 25.2 14.6 22.0#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 78.926 ng

RT: 17.74 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampleId :

SSTDICC100

Tot Ion:167 Resp: 2859080

Ion Ratio Lower Upper

167 100

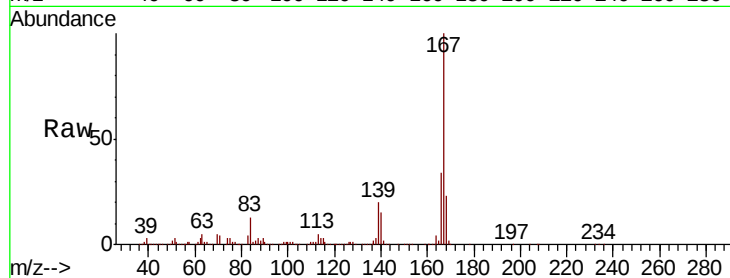
166 33.8 21.6 32.4#

139 19.6 12.1 18.1#

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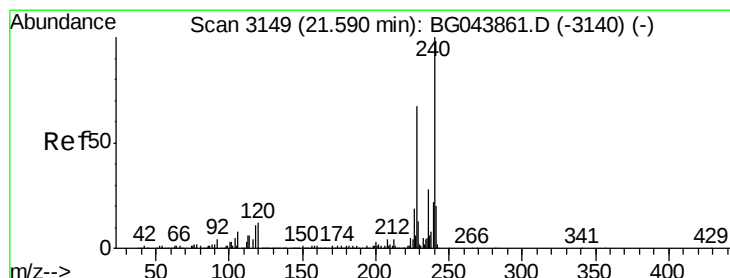
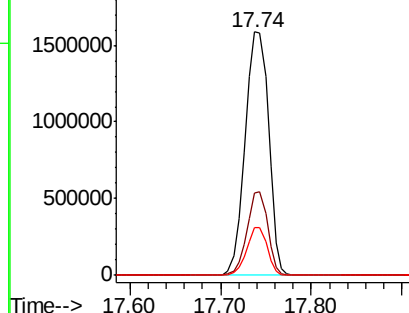
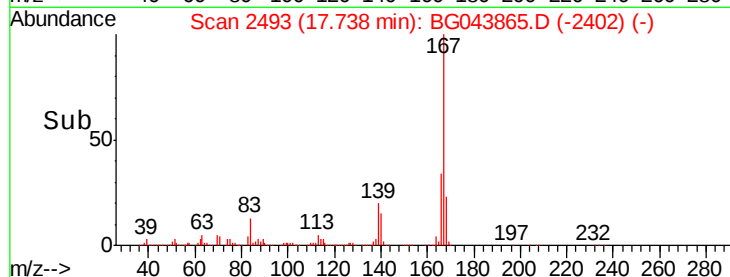


Abundance

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3150

Delta R.T. 0.01 min

Lab File: BG043865.D

Acq: 30 Dec 2019 15:51

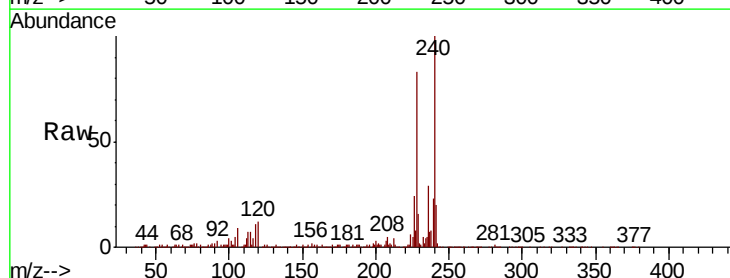
Tgt Ion:240 Resp: 664541

Ion Ratio Lower Upper

240 100

120 11.7 9.6 14.4

236 29.1 22.2 33.2

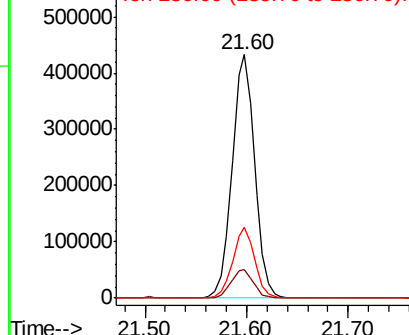
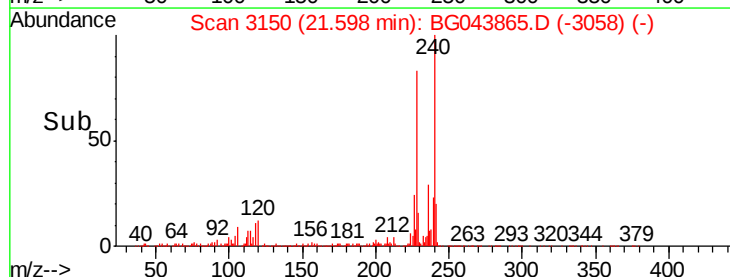


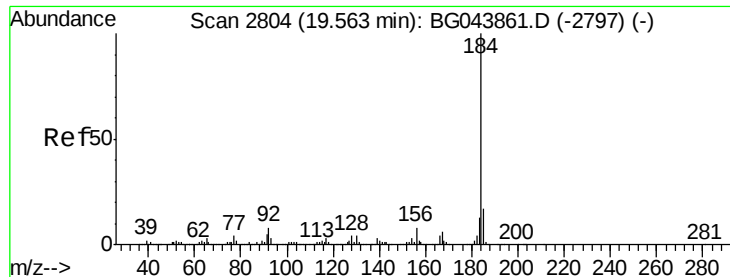
Abundance

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: 76.758 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampleId :

SSTDICC100

Tot Ion:184 Resp: 1314143

Ion Ratio Lower Upper

184 100

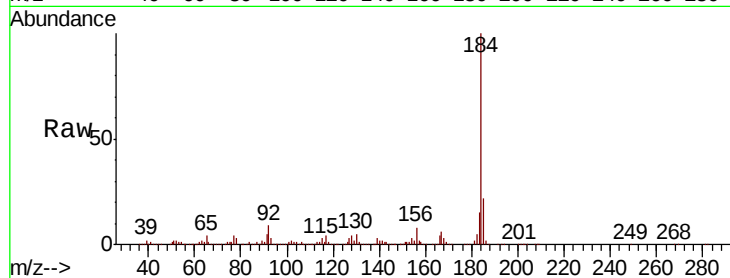
185 21.7 13.4 20.0#

183 15.1 10.6 15.8

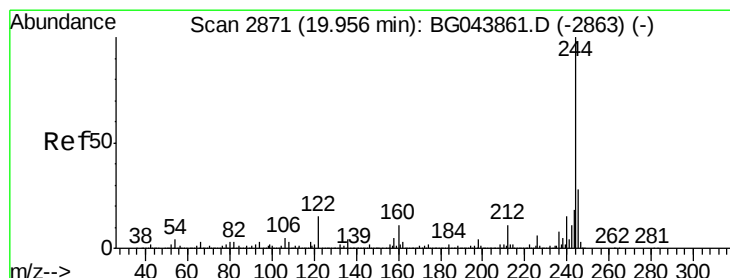
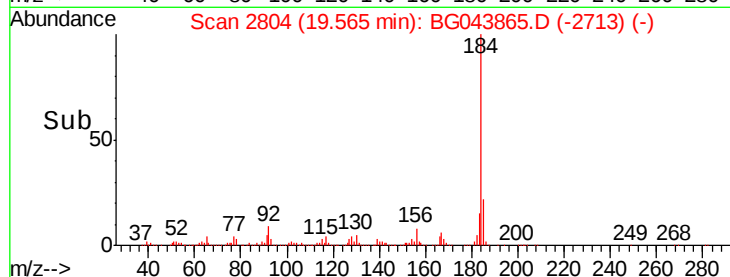
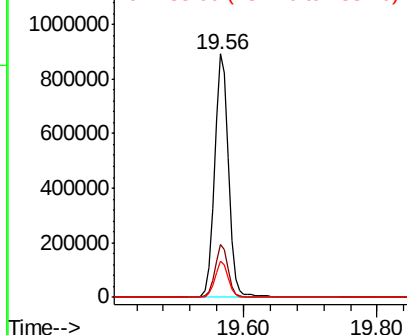
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 147.918 ng

RT: 19.96 min Scan# 2871

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 15:51

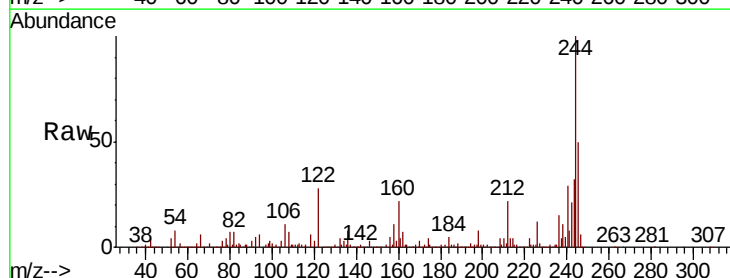
Tgt Ion:244 Resp: 4004653

Ion Ratio Lower Upper

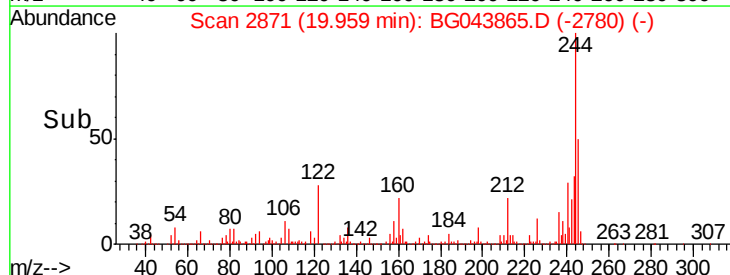
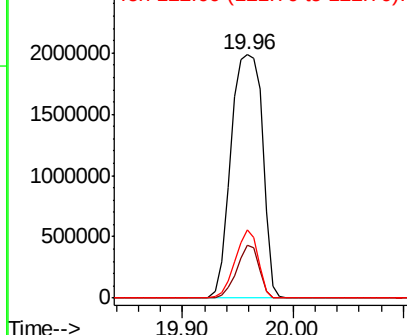
244 100

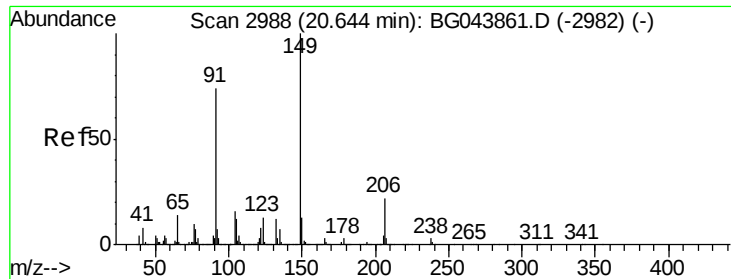
212 21.8 8.6 13.0#

122 27.9 11.9 17.9#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#80
Butylbenzylphthalate
Concen: 88.425 ng
RT: 20.65 min Scan# 2988
Delta R.T. 0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

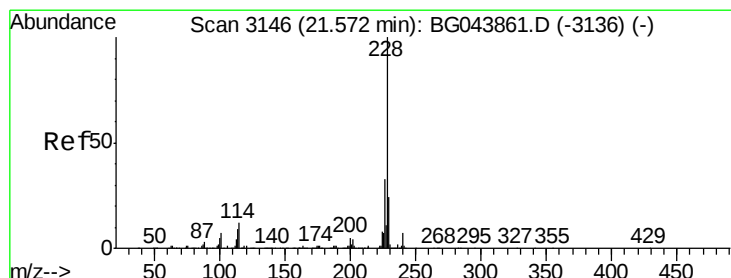
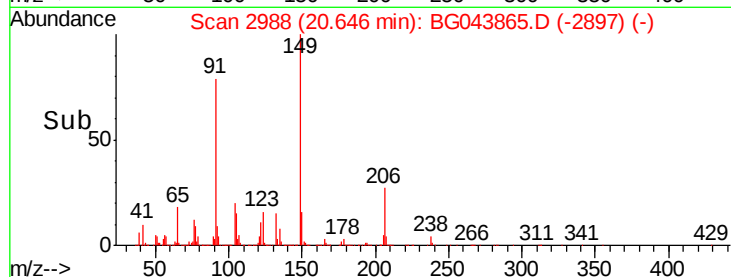
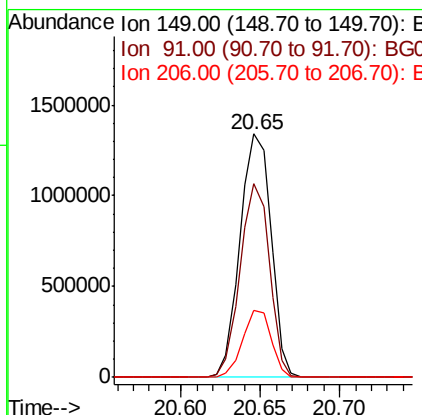
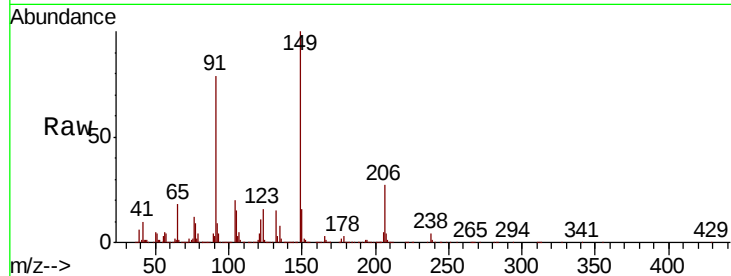
Instrument :
BNA_G
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Lower	Upper
149	100		
91	79.5	59.5	89.3
206	27.5	17.8	26.6

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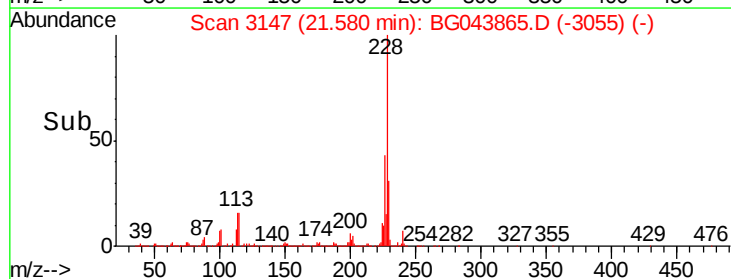
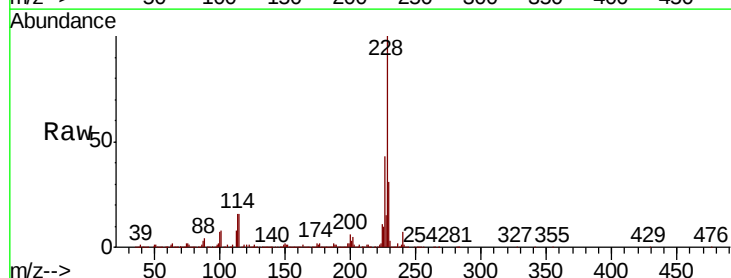
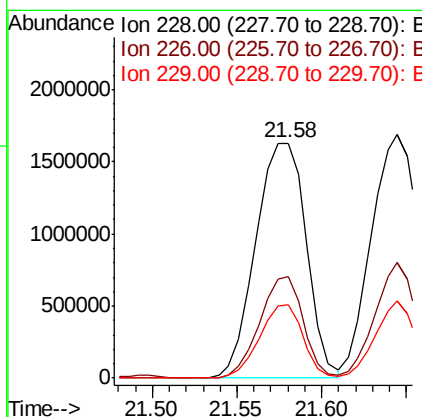
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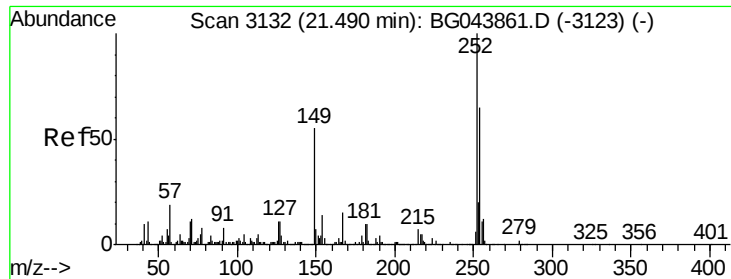
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#81
Benzo(a)anthracene
Concen: 82.290 ng
RT: 21.58 min Scan# 3147
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	43.1	26.2	39.4
229	31.2	18.9	28.3





#82
 3,3'-Dichlorobenzidine
 Concen: 85.437 ng
 RT: 21.49 min Scan# 3132
 Delta R.T. 0.00 min
 Lab File: BG043865.D
 Acq: 30 Dec 2019 15:51

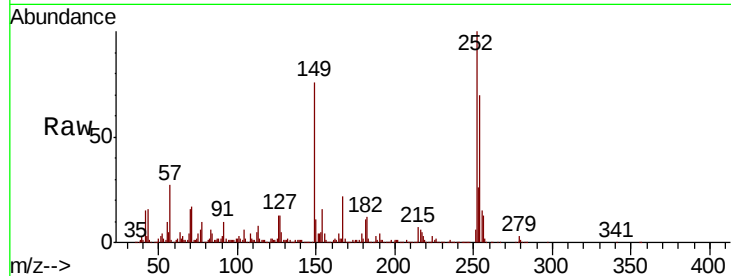
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
252	100		
254	70.4	52.1	78.1
126	12.7	9.1	13.7

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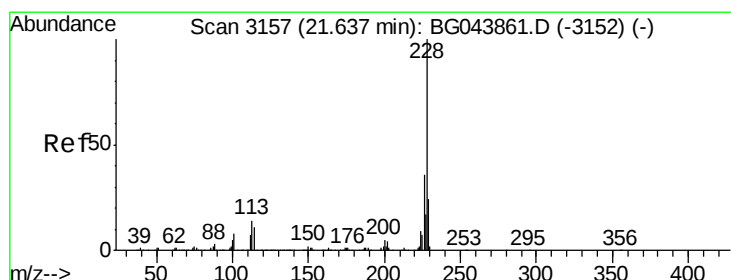
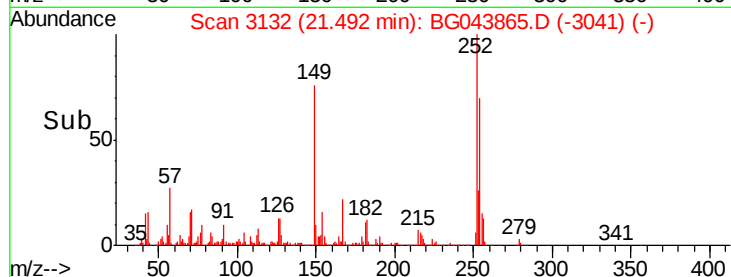
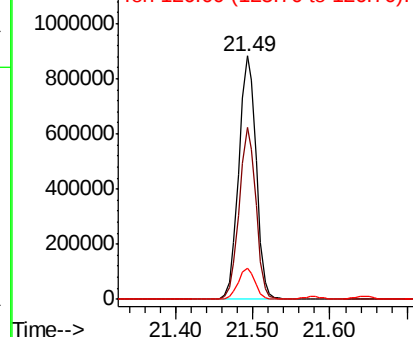


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Chrysene
 Concen: 82.508 ng
 RT: 21.64 min Scan# 3158
 Delta R.T. 0.01 min
 Lab File: BG043865.D
 Acq: 30 Dec 2019 15:51

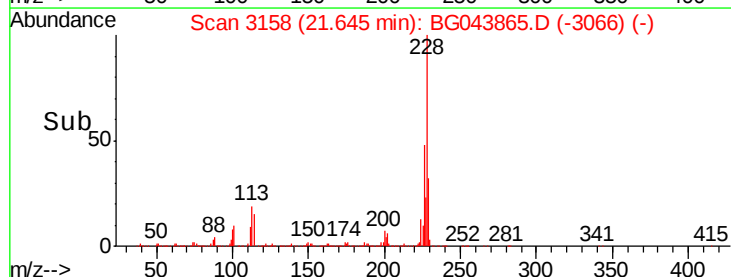
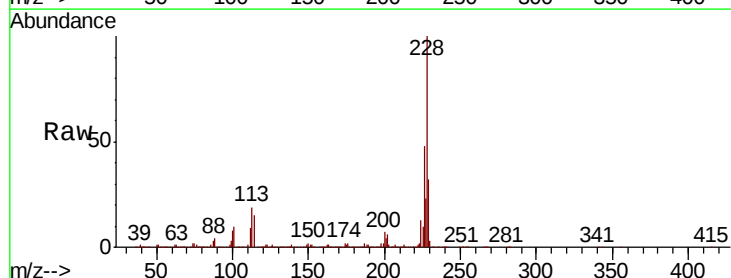
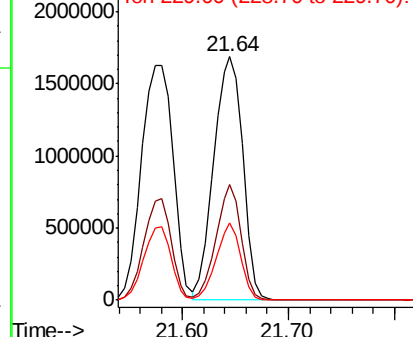
Tgt Ion	Ratio	Lower	Upper
228	100		
226	47.6	28.8	43.2#
229	31.7	19.0	28.6#

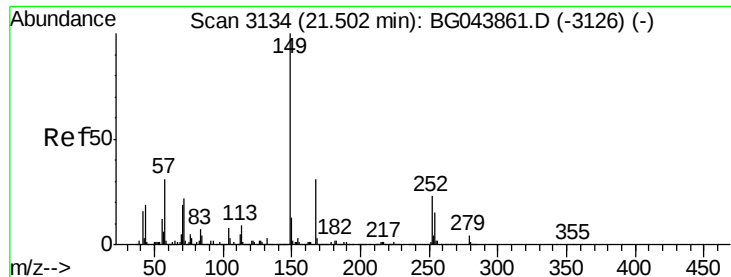
Abundance

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: 83.093 ng

RT: 21.50 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BG043865.D

Acq: 30 Dec 2019 15:51

Instrument :

BNA_G

ClientSampleId :

SSTDICC100

Tot Ion:149 Resp: 2360670

Ion Ratio Lower Upper

149 100

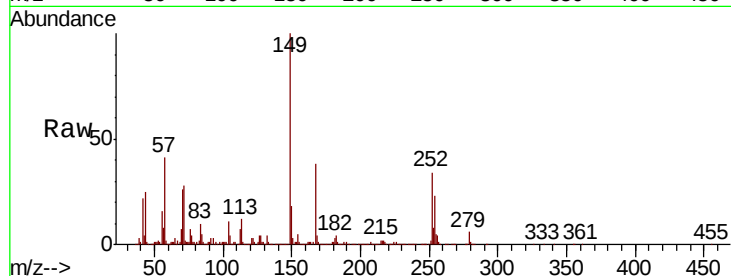
167 38.3 24.7 37.1#

279 5.8 3.3 4.9#

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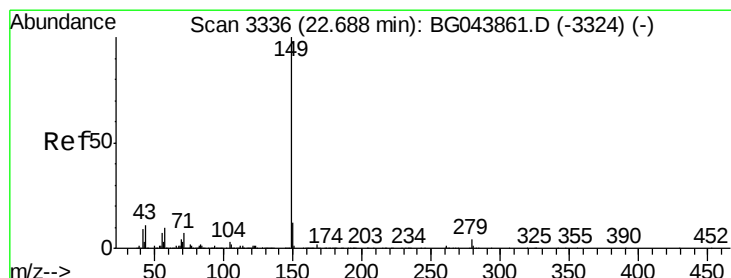
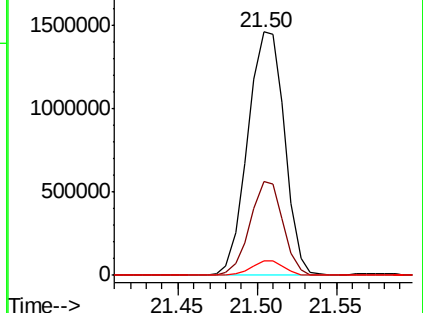
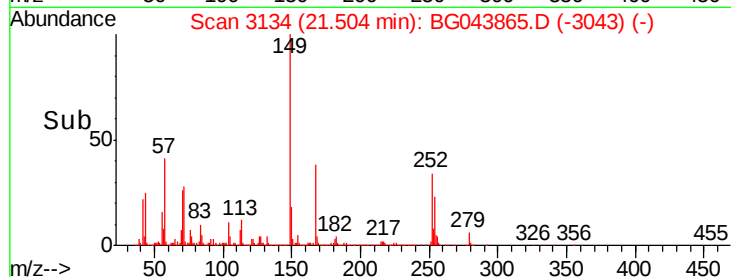
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 82.206 ng

RT: 22.70 min Scan# 3337

Delta R.T. 0.01 min

Lab File: BG043865.D

Acq: 30 Dec 2019 15:51

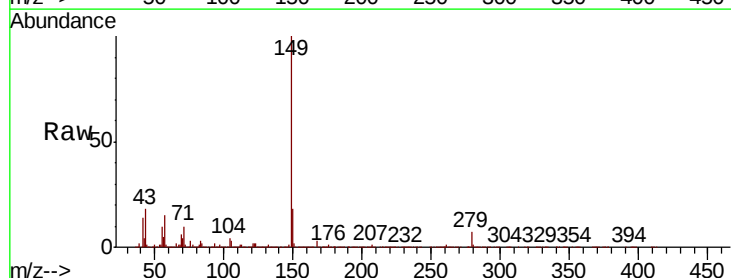
Tgt Ion:149 Resp: 3937732

Ion Ratio Lower Upper

149 100

167 2.3 1.4 2.0#

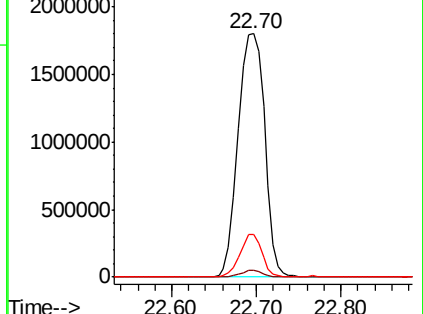
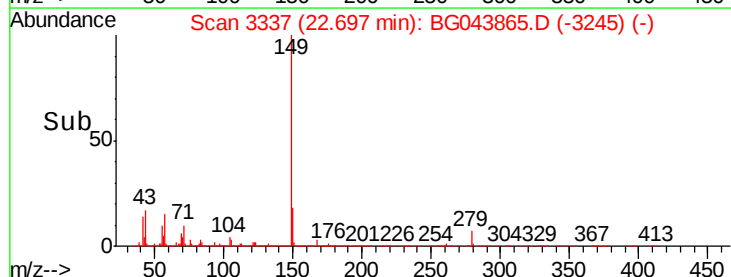
43 14.5 8.8 13.2#

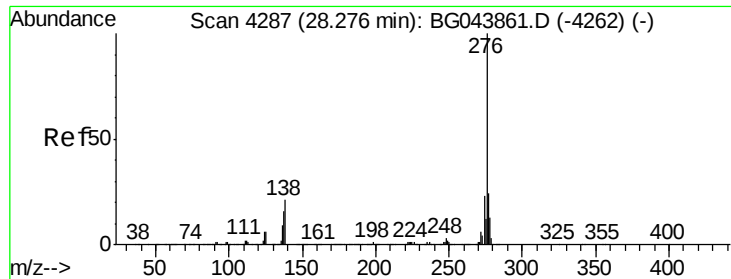


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#86
Indeno(1,2,3-cd)pyrene
Concen: 96.465 ng
RT: 28.30 min Scan# 4291
Delta R.T. 0.03 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

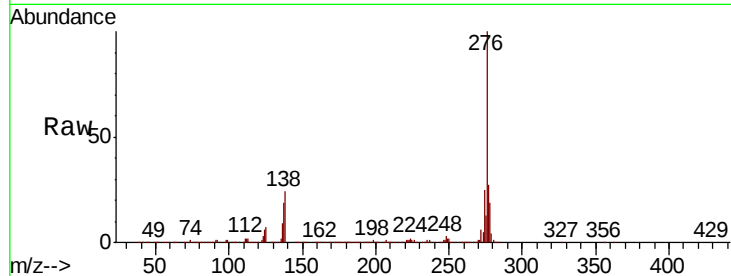
Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.9	21.0	31.4#
277	27.8	21.1	31.7

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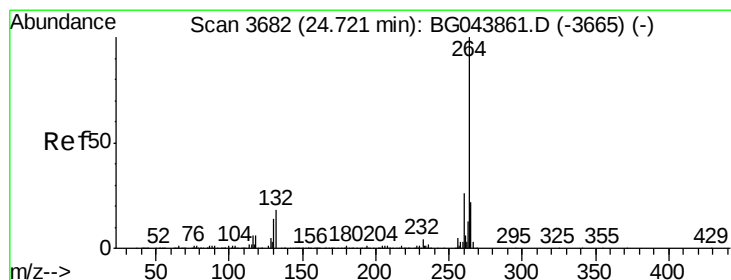
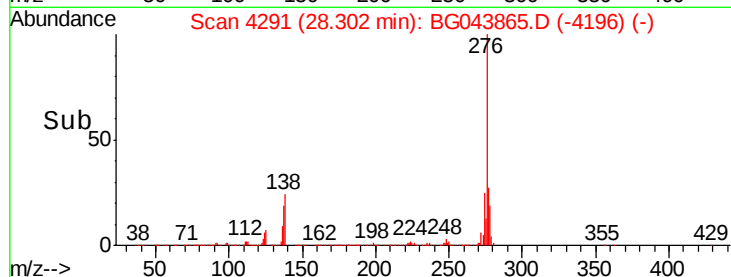
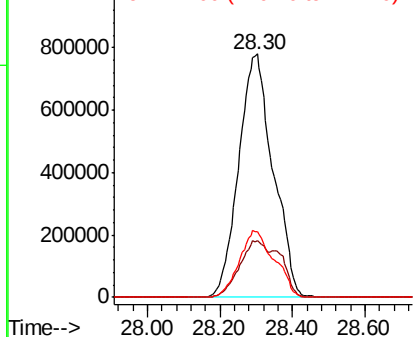


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 24.72 min Scan# 3682
Delta R.T. 0.00 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

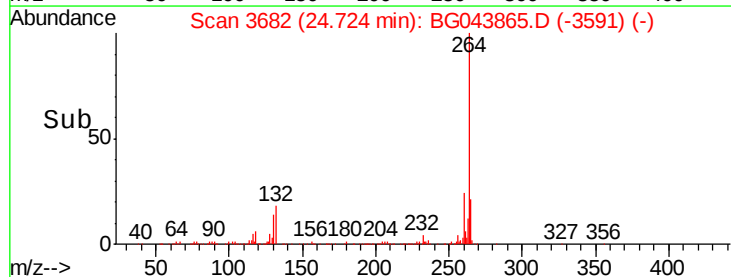
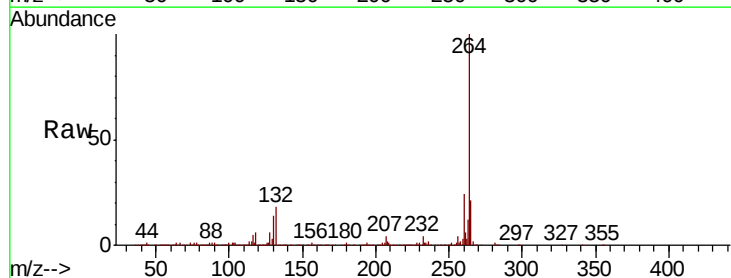
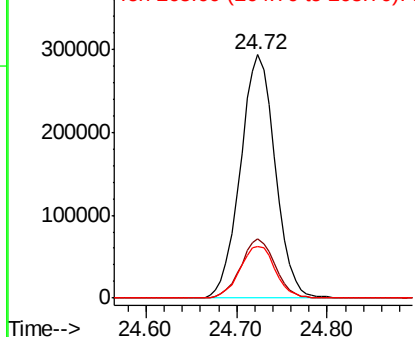
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.4	30.6
265	21.3	17.4	26.2

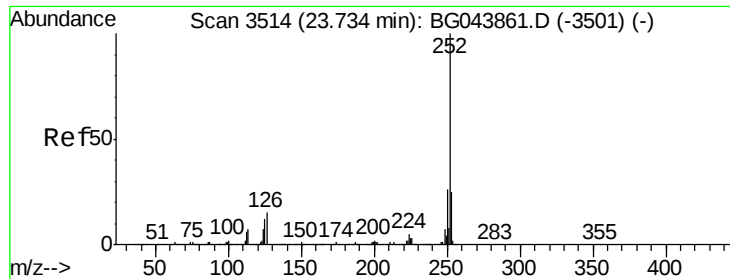
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88
Benzo(b)fluoranthene
Concen: 87.313 ng
RT: 23.74 min Scan# 3515
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

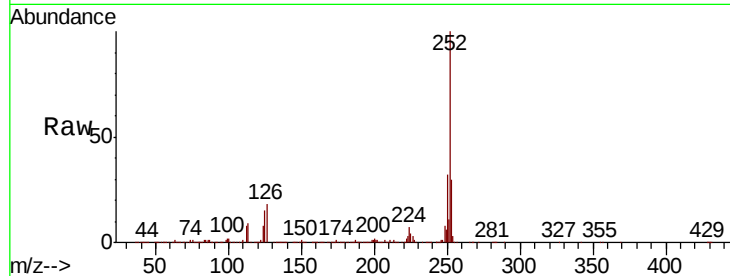
Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.7	19.7	29.5#
125	14.6	9.4	14.2#

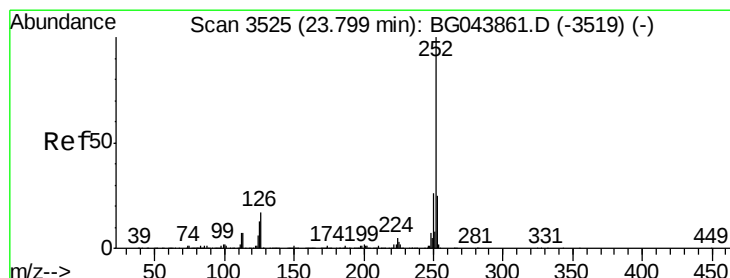
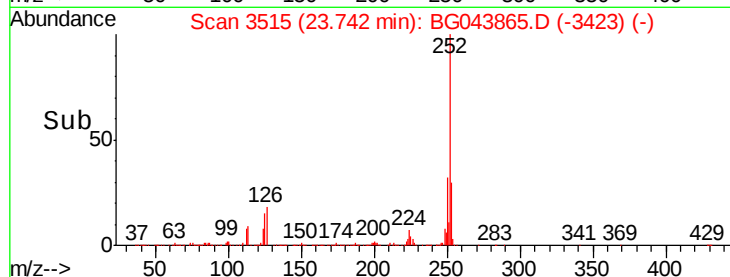
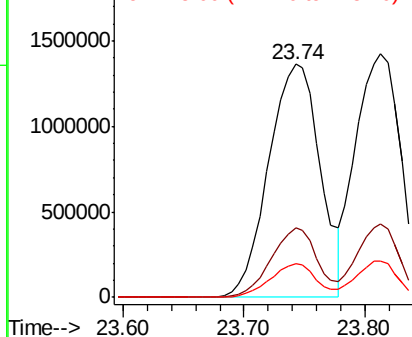
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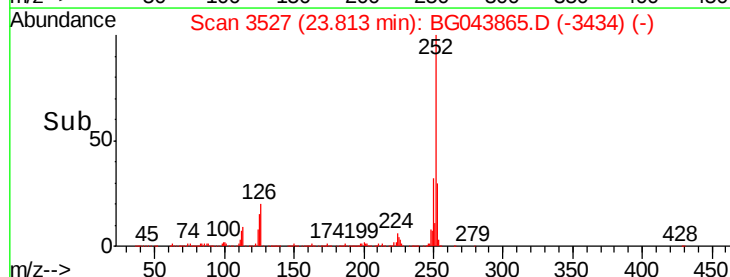
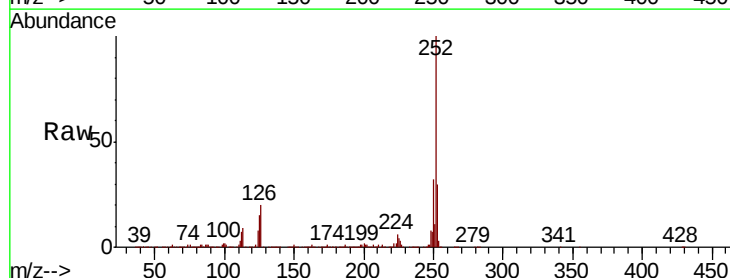
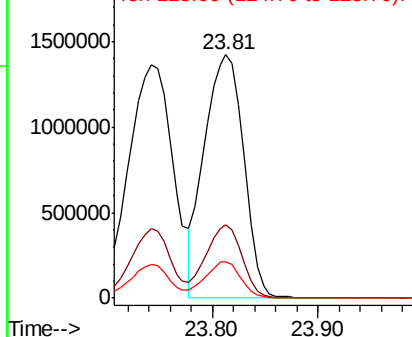
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

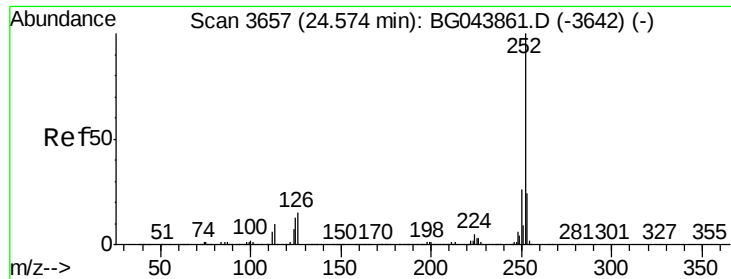


#89
Benzo(k)fluoranthene
Concen: 83.660 ng
RT: 23.81 min Scan# 3527
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.3	19.4	29.2#
125	15.1	9.9	14.9#

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





#90
Benzo(a)pyrene
Concen: 88.245 ng
RT: 24.59 min Scan# 3659
Delta R.T. 0.01 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

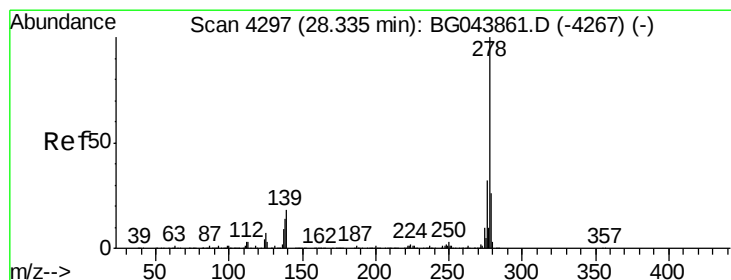
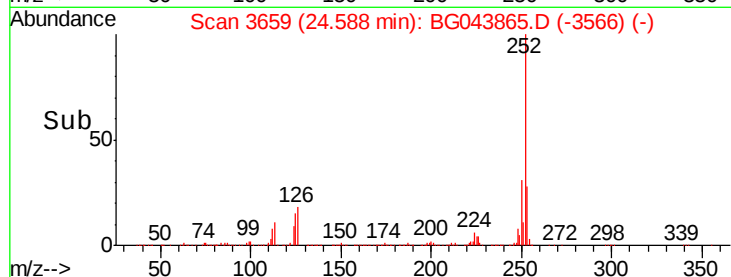
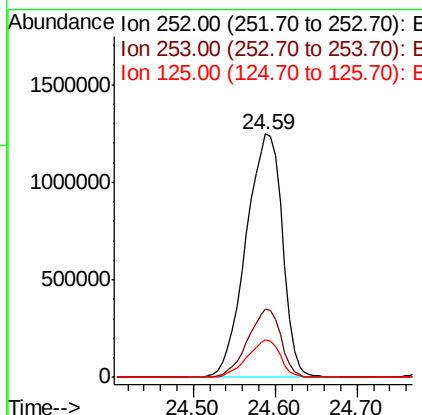
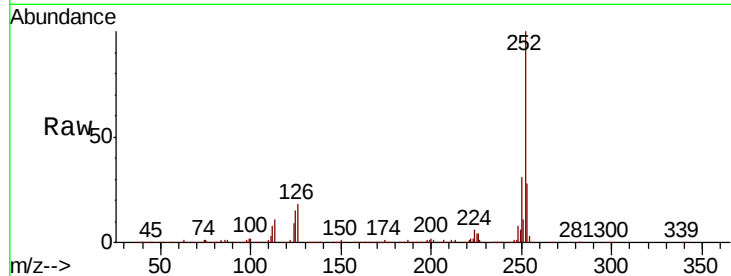
Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.9	19.3	28.9
125	15.2	10.4	15.6

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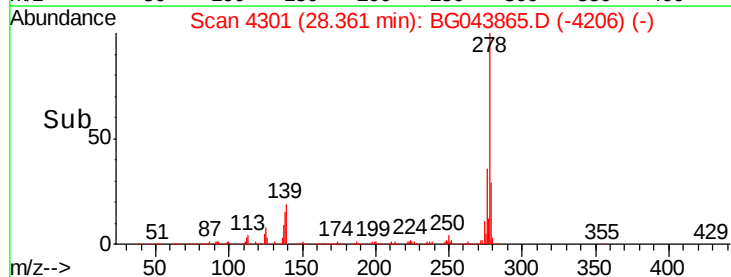
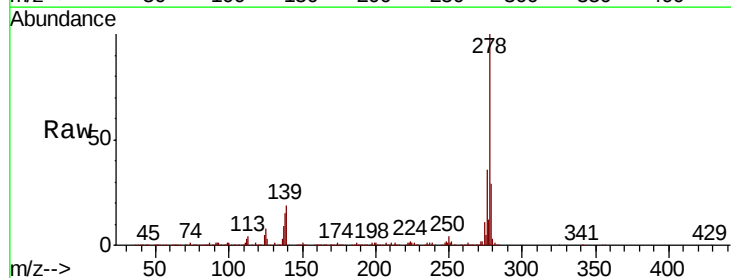
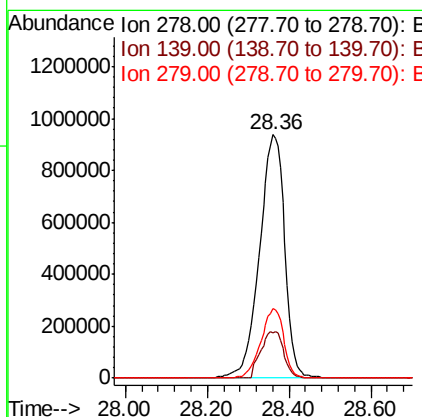
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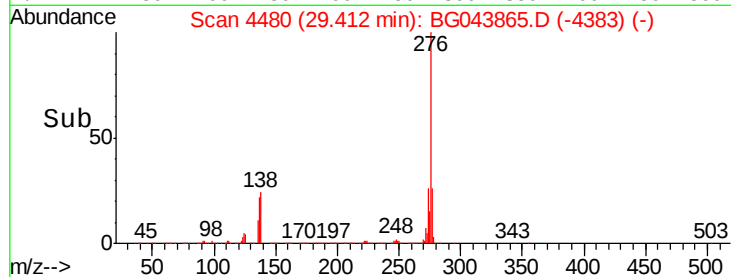
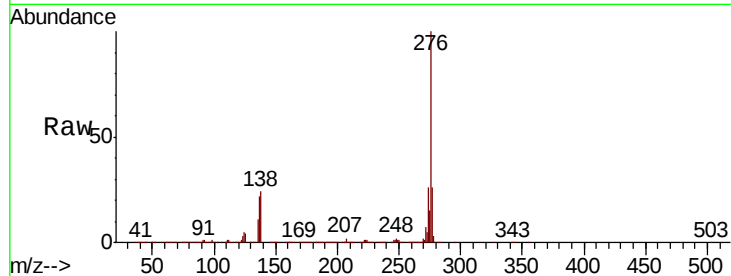
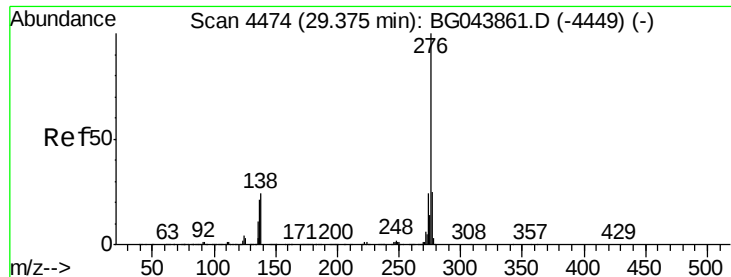
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#91
Dibenzo(a,h)anthracene
Concen: 91.473 ng
RT: 28.36 min Scan# 4301
Delta R.T. 0.03 min
Lab File: BG043865.D
Acq: 30 Dec 2019 15:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	14.2	21.4
279	28.6	20.6	30.8





#92
 Benzo(a,h,i)perylene
 Concen: 94.147 ng
 RT: 29.41 min Scan# 4480
 Delta R.T. 0.04 min
 Lab File: BG043865.D
 Acq: 30 Dec 2019 15:51

Tot Ion:	276	Resp:	4091845
Ion Ratio	Lower	Upper	
276	100		
277	26.5	20.2	30.4
138	24.0	19.0	28.6

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC100

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