

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010620\
 Data File : BG043940.D
 Acq On : 6 Jan 2020 20:52
 Operator : JU
 Sample : IDOC-S-03-CG
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-S-03-CG

Manual Integrations
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mohammad
 1/7/2020 12:30:49 PM

Quant Time: Jan 07 06:48:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	121830	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	524991	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	350296	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	763283	20.00	ng	0.00
76) Chrysene-d12	21.59	240	659764	20.00	ng	0.00
87) Perylene-d12	24.71	264	751937	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	867574	130.75	ng	0.00
7) Phenol-d6	7.13	99	1142233	123.15	ng	0.00
23) Nitrobenzene-d5	9.12	82	721747	73.55	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	434631	118.56	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1562052	80.79	ng	0.00
79) Terphenyl-d14	19.95	244	2217518	79.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	111891	38.676	ng	98
3) Pyridine	3.82	79	282767	33.085	ng	96
4) n-Nitrosodimethylamine	3.73	42	148745	39.091	ng	99
6) Aniline	7.28	93	386727	31.746	ng	99
8) 2-Chlorophenol	7.53	128	358019	45.961	ng	99
9) Benzaldehyde	7.09	77	214257	36.094	ng	98
10) Phenol	7.15	94	446190	46.692	ng	100
11) bis(2-Chloroethyl)ether	7.38	93	340421	41.270	ng	98
12) 1,3-Dichlorobenzene	7.85	146	366996	40.261	ng	97
13) 1,4-Dichlorobenzene	7.99	146	370242	41.166	ng	99
14) 1,2-Dichlorobenzene	8.32	146	352232	40.802	ng	99
15) Benzyl Alcohol	8.19	79	313715	42.858	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	474218	37.160	ng	99
17) 2-Methylphenol	8.40	107	316125	45.714	ng	98
18) Hexachloroethane	9.05	117	140731	40.213	ng	97
19) n-Nitroso-di-n-propylamine	8.76	70	272725	39.485	ng	98
20) 3+4-Methylphenols	8.73	107	432865	44.871	ng	98
22) Acetophenone	8.78	105	496069	38.008	ng	# 99
24) Nitrobenzene	9.16	77	379495	39.044	ng	98
25) Isophorone	9.69	82	729295	39.611	ng	99
26) 2-Nitrophenol	9.87	139	199525	43.389	ng	99
27) 2,4-Dimethylphenol	9.93	122	342267	49.445	ng	98
28) bis(2-Chloroethoxy)methane	10.17	93	466417	37.999	ng	99
29) 2,4-Dichlorophenol	10.41	162	361773	43.814	ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	360621	38.952	ng	98
31) Naphthalene	10.81	128	1049013	41.291	ng	100
32) Benzoic acid	10.06	122	134558	27.018	ng	92
33) 4-Chloroaniline	10.91	127	278717	23.002	ng	99
34) Hexachlorobutadiene	11.11	225	207536	36.715	ng	100
35) Caprolactam	11.68	113	133627m	43.473	ng	
36) 4-Chloro-3-methylphenol	12.04	107	385496	43.856	ng	98
37) 2-Methylnaphthalene	12.42	142	788282	41.214	ng	99
38) 1-Methylnaphthalene	12.64	142	755434	41.674	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	377180	36.736	ng	99

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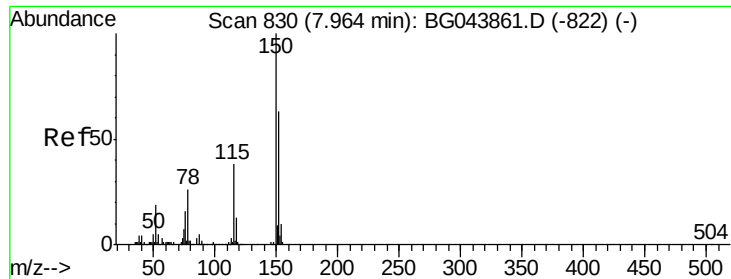
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	495854	93.155	ng	98
43) 2,4,6-Trichlorophenol	13.02	196	284480	40.268	ng	98
44) 2,4,5-Trichlorophenol	13.10	196	307217	42.163	ng	98
46) 1,1'-Biphenyl	13.43	154	1001793	39.887	ng	99
47) 2-Chloronaphthalene	13.47	162	779685	38.418	ng	98
48) 2-Nitroaniline	13.66	65	250319	38.343	ng	95
49) Acenaphthylene	14.31	152	1224403	41.975	ng	98
50) Dimethylphthalate	14.05	163	994334	39.977	ng	99
51) 2,6-Dinitrotoluene	14.16	165	230103	40.931	ng	99
52) Acenaphthene	14.66	154	866838	42.375	ng	98
53) 3-Nitroaniline	14.49	138	183509	28.745	ng	98
54) 2,4-Dinitrophenol	14.69	184	197448	69.699	ng	97
55) Dibenzofuran	14.99	168	1178552	41.851	ng	98
56) 4-Nitrophenol	14.80	139	438657	89.667	ng	99
57) 2,4-Dinitrotoluene	14.94	165	322022	42.097	ng	97
58) Fluorene	15.64	166	930223	41.676	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.21	232	266927	42.603	ng	98
60) Diethylphthalate	15.41	149	1028146	41.329	ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	488042	40.268	ng	100
62) 4-Nitroaniline	15.65	138	248127	39.358	ng	96
63) Azobenzene	15.93	77	954283	41.363	ng	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	163774	42.226	ng	96
66) n-Nitrosodiphenylamine	15.85	169	881551	39.219	ng	98
67) 4-Bromophenyl-phenylether	16.52	248	313200	36.484	ng	95
68) Hexachlorobenzene	16.65	284	342818	37.061	ng	99
69) Atrazine	16.80	200	336609	46.070	ng	100
70) Pentachlorophenol	16.99	266	368774	72.320	ng	98
71) Phenanthrene	17.38	178	1467138	40.074	ng	99
72) Anthracene	17.47	178	1511310	41.770	ng	100
73) Carbazole	17.74	167	1396477	41.783	ng	99
74) Di-n-butylphthalate	18.31	149	1700025	39.840	ng	99
75) Fluoranthene	19.39	202	1700363	40.611	ng	99
77) Benzidine	19.56	184	922687	55.639	ng	98
78) Pyrene	19.74	202	1704224	39.573	ng	99
80) Butylbenzylphthalate	20.64	149	802325	39.132	ng	99
81) Benzo(a)anthracene	21.57	228	1652382	40.391	ng	99
82) 3,3'-Dichlorobenzidine	21.48	252	517020	31.989	ng	99
83) Chrysene	21.63	228	1568176	40.341	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	1130839	39.973	ng	98
85) Di-n-octyl phthalate	22.68	149	1952803	41.059	ng	99
86) Indeno(1,2,3-cd)pyrene	28.25	276	2034209	38.506	ng	# 90
88) Benzo(b)fluoranthene	23.73	252	1746699	39.293	ng	100
89) Benzo(k)fluoranthene	23.79	252	1719443	40.676	ng	99
90) Benzo(a)pyrene	24.56	252	1635641	38.985	ng	99
91) Dibenzo(a,h)anthracene	28.33	278	1667116	39.565	ng	97
92) Benzo(g,h,i)perylene	29.36	276	1651357	39.455	ng	98

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



#1

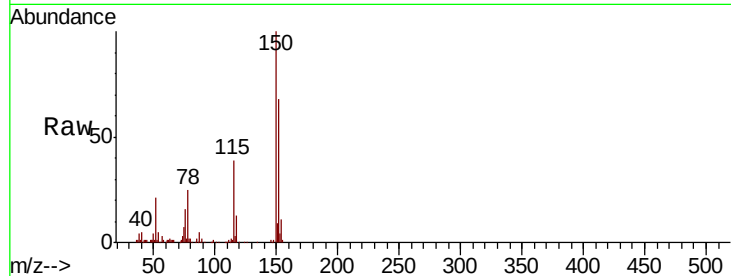
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Instrument :
BNA_G
ClientSampled :
IDOC-S-03-CG

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.5	127.0	190.4
115	56.8	47.8	71.8

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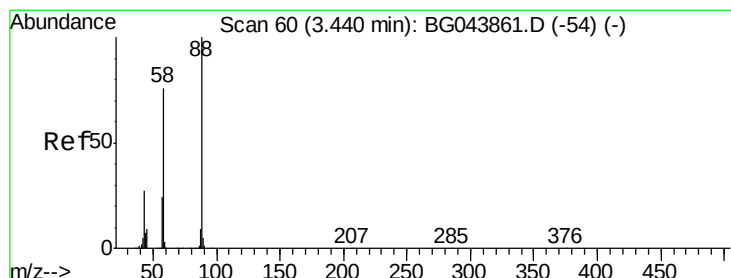
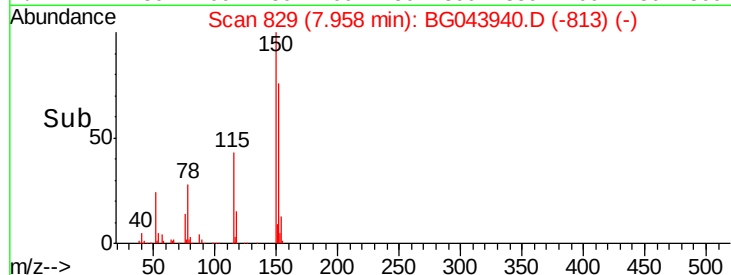
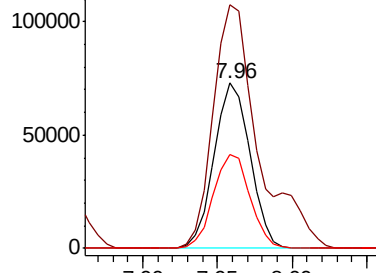


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

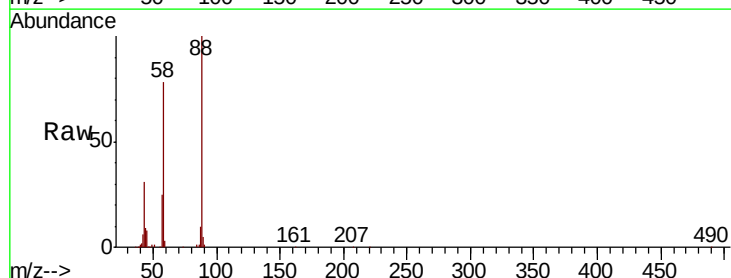
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.676 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.1	59.8	89.8
43	29.6	22.9	34.3

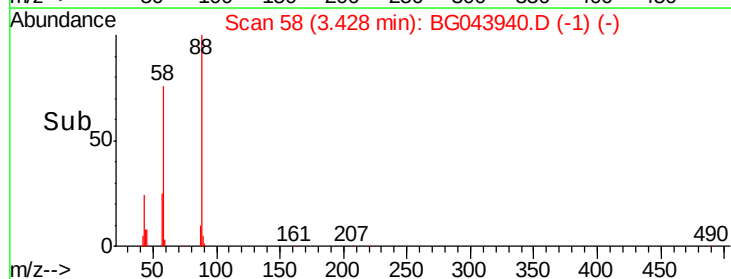
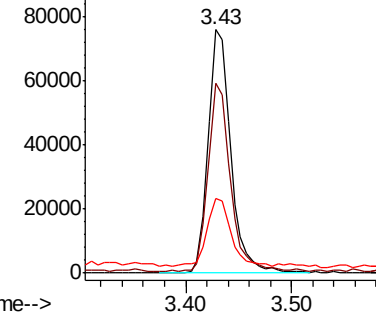


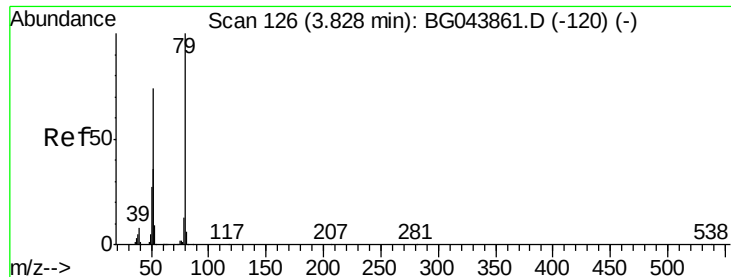
Abundance

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: 33.085 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG043940.D

Acq: 6 Jan 2020 20:52

Instrument :

BNA_G

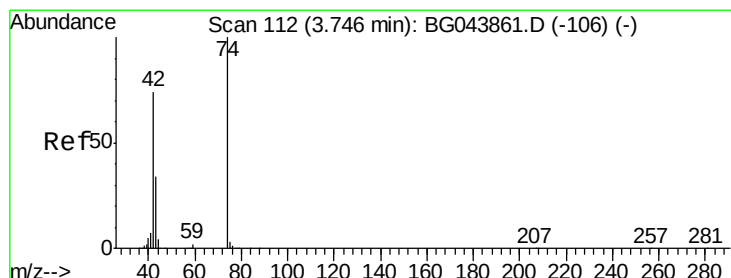
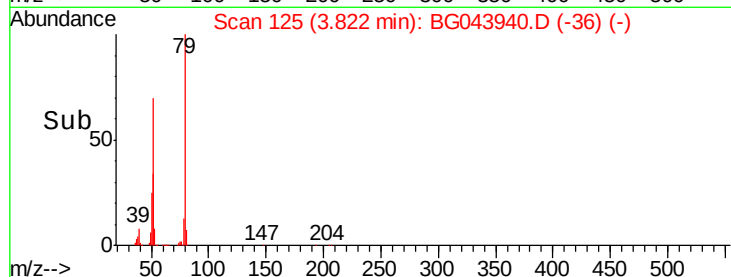
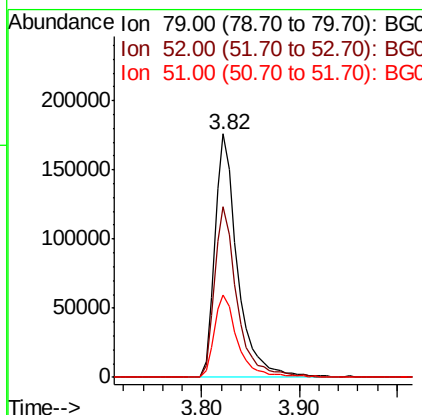
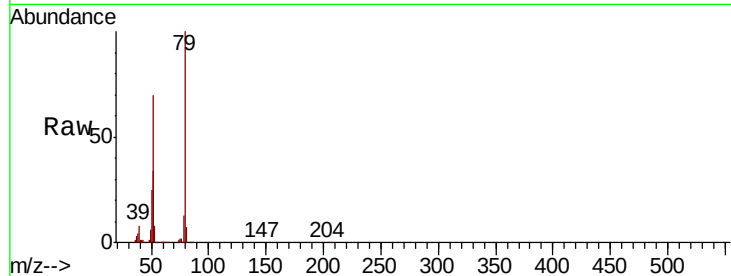
ClientSampleId :

IDOC-S-03-CG

Tot Ion:	79	Resp:	282767
Ion Ratio	Lower	Upper	
79	100		
52	69.9	58.9	88.3
51	34.1	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 39.091 ng

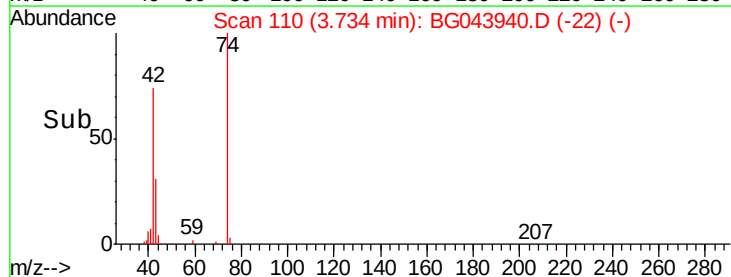
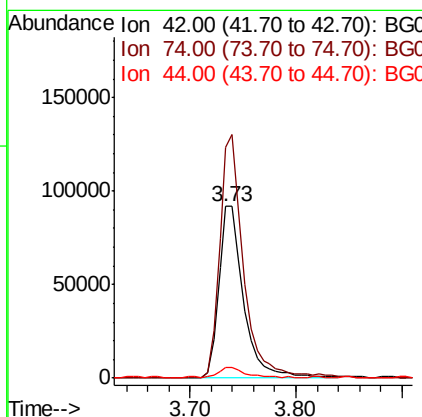
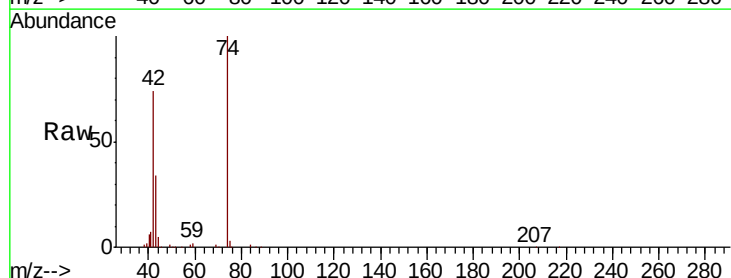
RT: 3.73 min Scan# 110

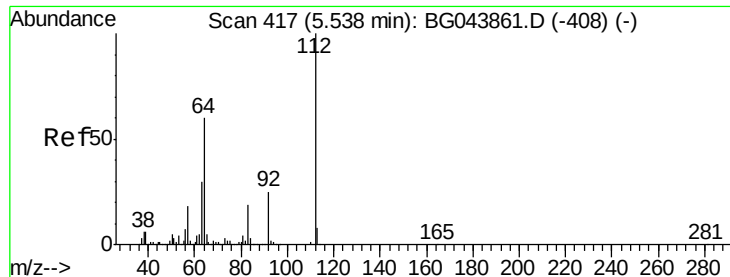
Delta R.T. -0.01 min

Lab File: BG043940.D

Acq: 6 Jan 2020 20:52

Tgt Ion:	42	Resp:	148745
Ion Ratio	Lower	Upper	
42	100		
74	134.6	108.6	162.8
44	6.3	5.0	7.6





#5

2-Fluorophenol

Concen: 130.754 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG043940.D

Acq: 6 Jan 2020 20:52

Instrument :

BNA_G

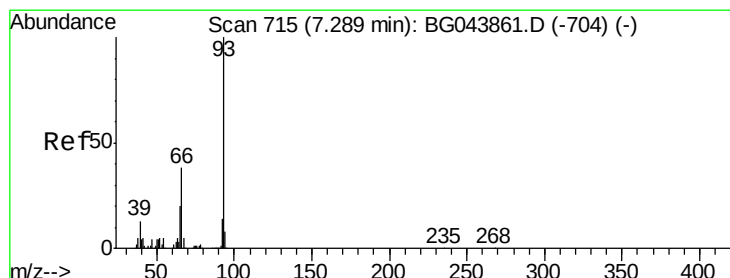
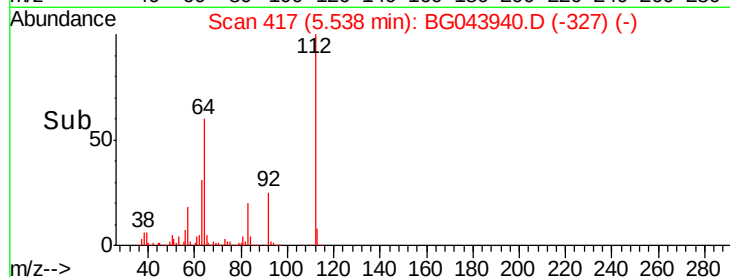
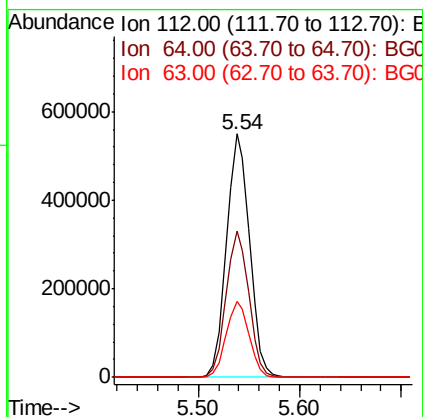
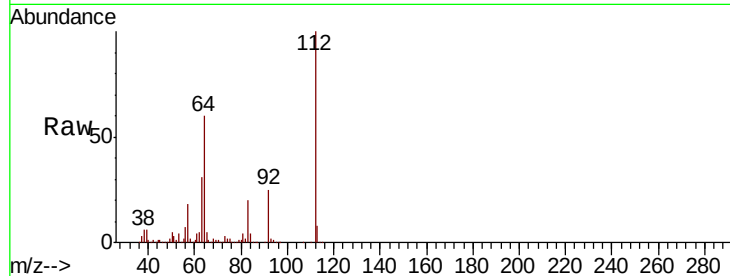
ClientSampleId :

IDOC-S-03-CG

Tot Ion:	112	Resp:	867574
Ion Ratio	Lower	Upper	
112	100		
64	60.3	47.8	71.6
63	31.3	24.3	36.5

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#6

Aniline

Concen: 31.746 ng

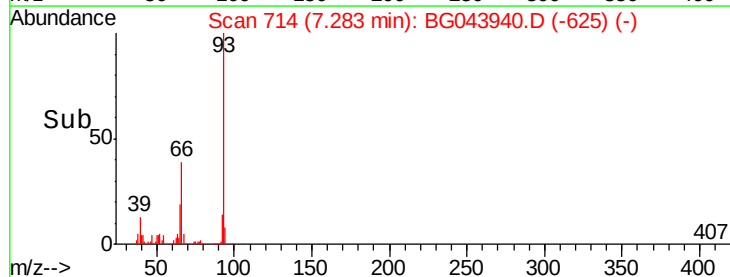
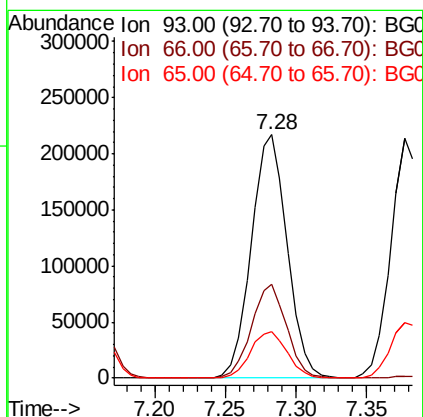
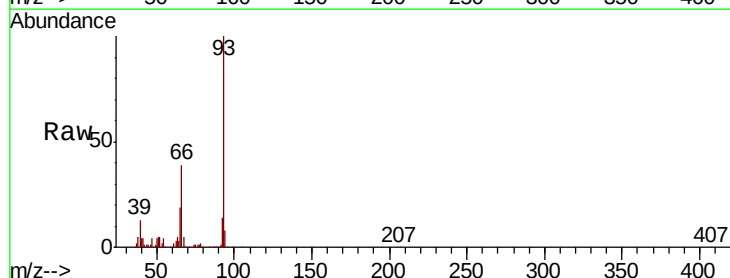
RT: 7.28 min Scan# 714

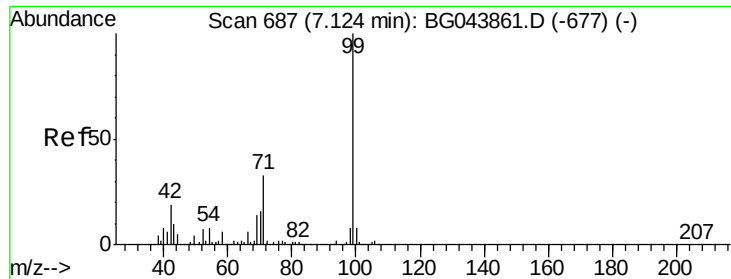
Delta R.T. -0.01 min

Lab File: BG043940.D

Acq: 6 Jan 2020 20:52

Tgt Ion:	93	Resp:	386727
Ion Ratio	Lower	Upper	
93	100		
66	38.6	30.8	46.2
65	18.9	16.0	24.0





#7

Phenol-d6

Concen: 123.155 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043940.D

Acq: 6 Jan 2020 20:52

Instrument :

BNA_G

ClientSampleId :

IDOC-S-03-CG

Tot Ion: 99 Resp: 1142233

Ion Ratio Lower Upper

99 100

42 19.6 14.9 22.3

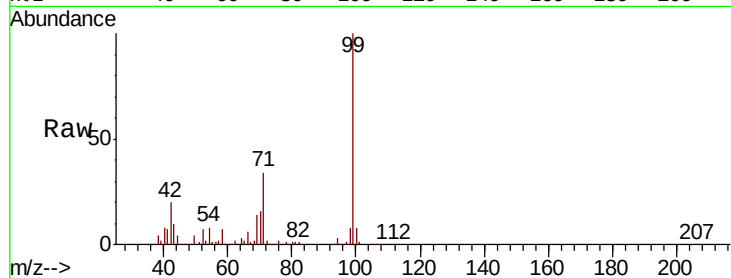
71 33.6 26.4 39.6

Manual Integrations

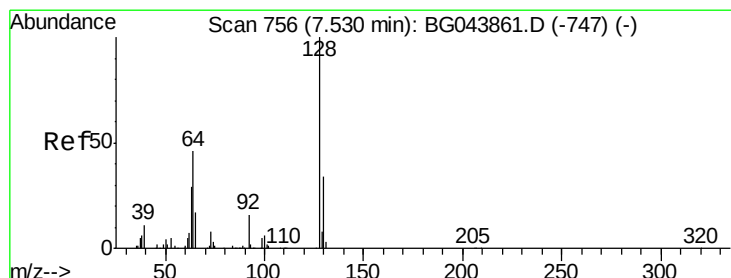
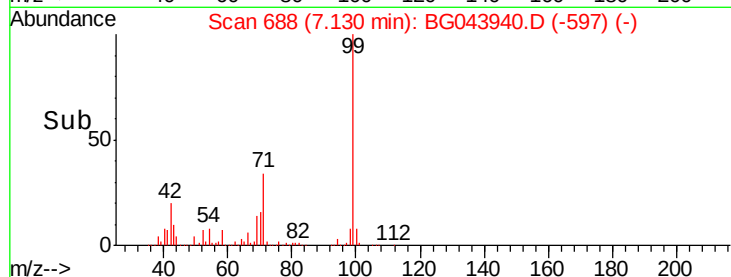
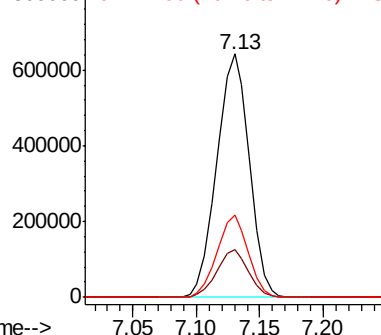
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 45.961 ng

RT: 7.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG043940.D

Acq: 6 Jan 2020 20:52

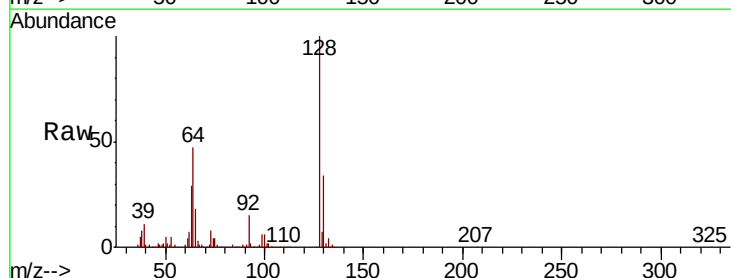
Tgt Ion:128 Resp: 358019

Ion Ratio Lower Upper

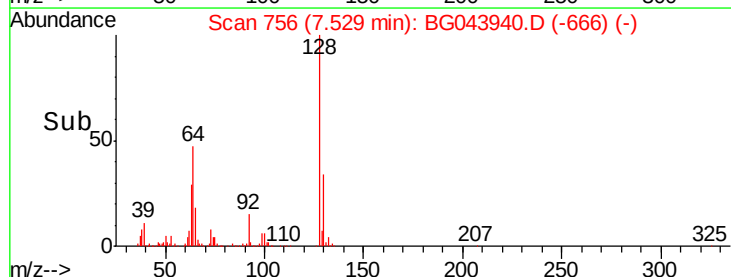
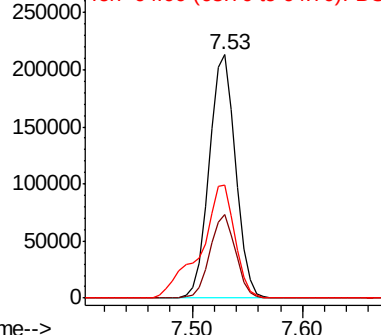
128 100

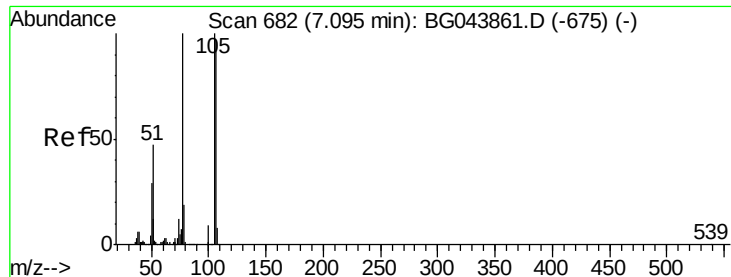
130 34.3 13.8 53.8

64 46.7 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: 36.094 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG043940.D

Acq: 6 Jan 2020 20:52

Instrument :

BNA_G

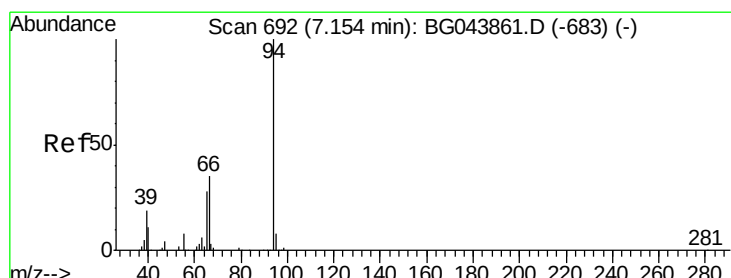
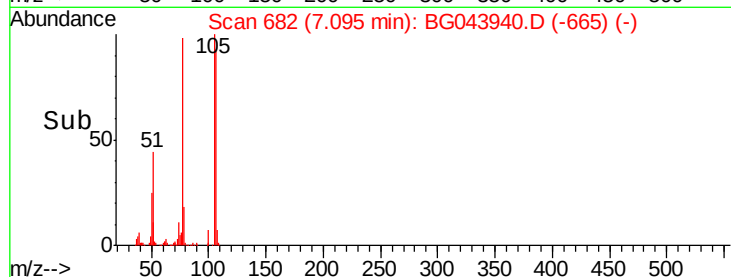
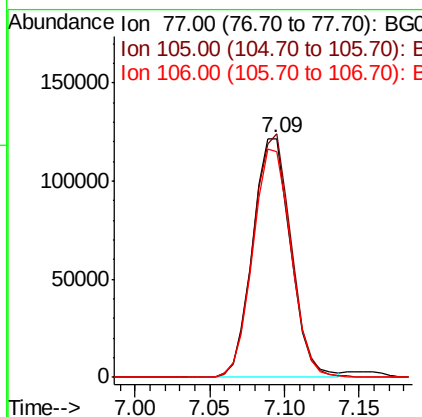
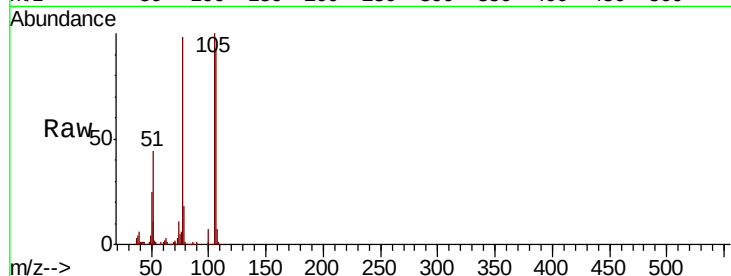
ClientSampleId :

IDOC-S-03-CG

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.0	80.2	120.2
106	94.7	77.2	117.2

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#10

Phenol

Concen: 46.692 ng

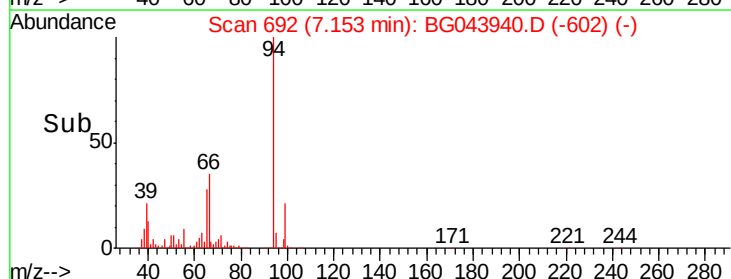
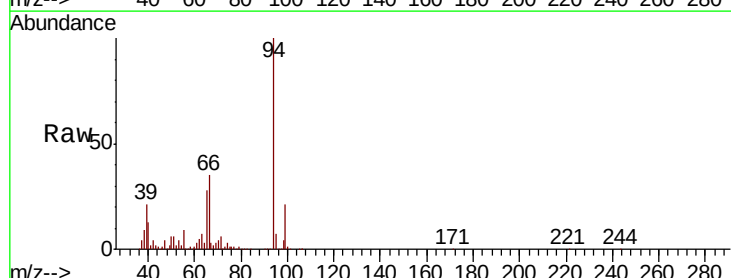
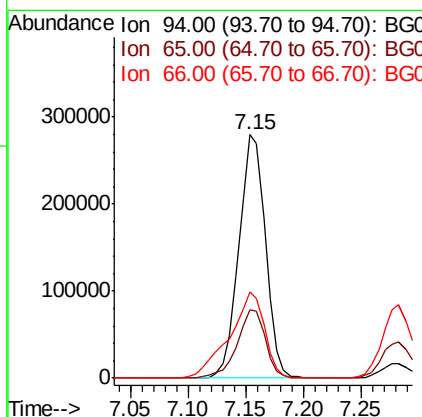
RT: 7.15 min Scan# 692

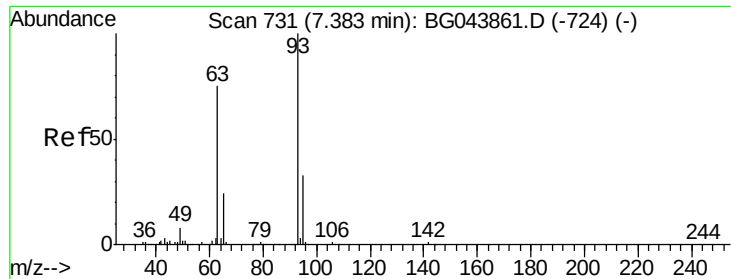
Delta R.T. -0.00 min

Lab File: BG043940.D

Acq: 6 Jan 2020 20:52

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.8	8.1	48.1
66	35.5	15.6	55.6





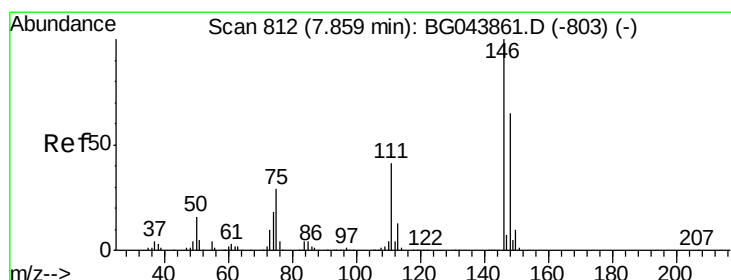
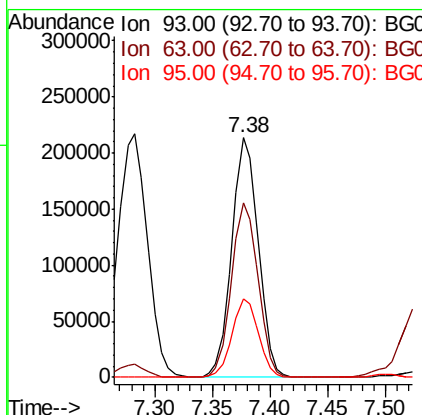
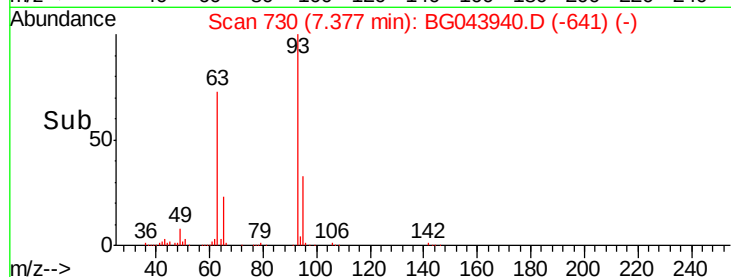
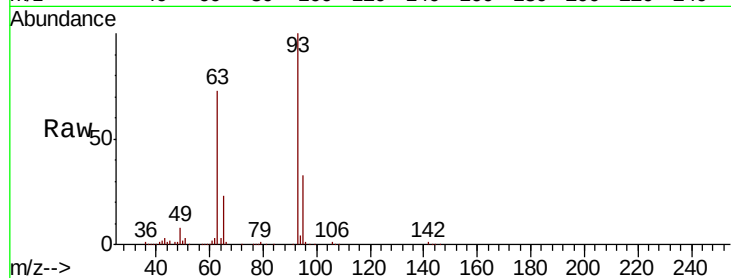
#11
bis(2-Chloroethyl)ether
Concen: 41.270 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Instrument :
BNA_G
ClientSampleId :
IDOC-S-03-CG

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.9	55.0	95.0
95	32.6	13.3	53.3

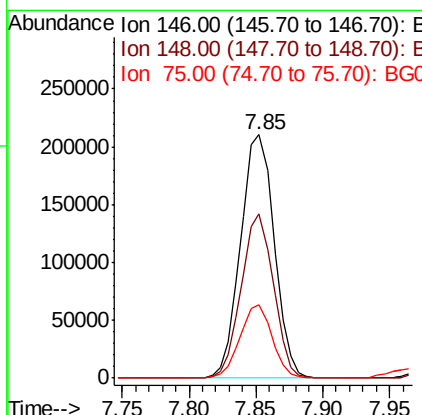
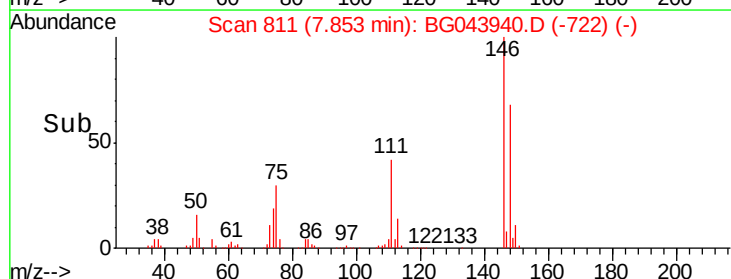
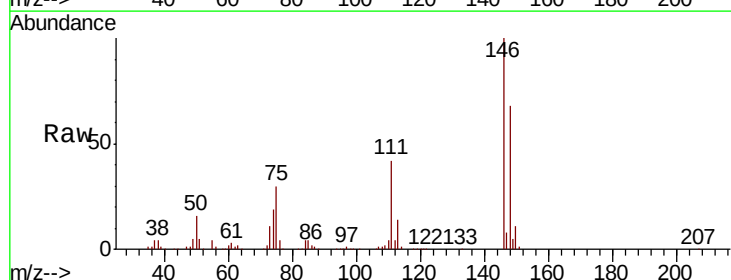
Manual Integrations
APPROVED

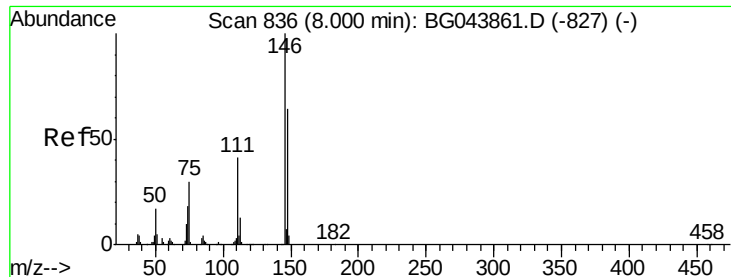
mohammad
1/7/2020 12:30:49 PM



#12
1,3-Dichlorobenzene
Concen: 40.261 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.5	52.1	78.1
75	30.2	23.0	34.4





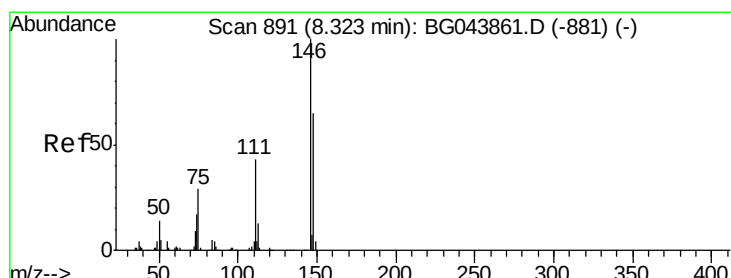
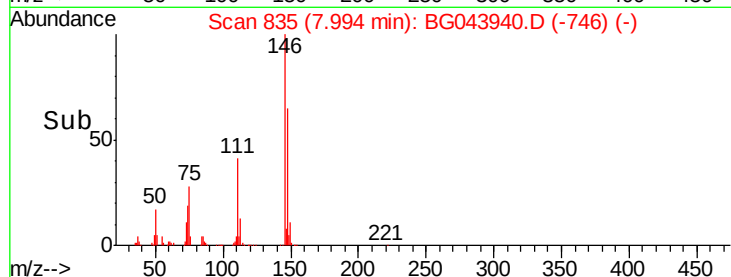
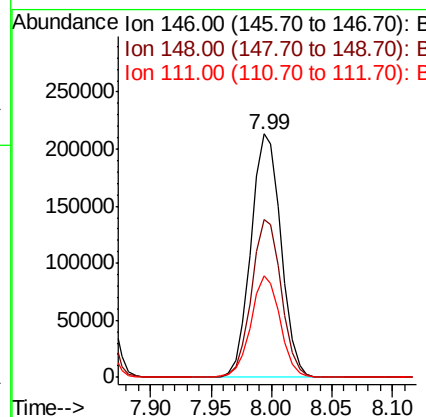
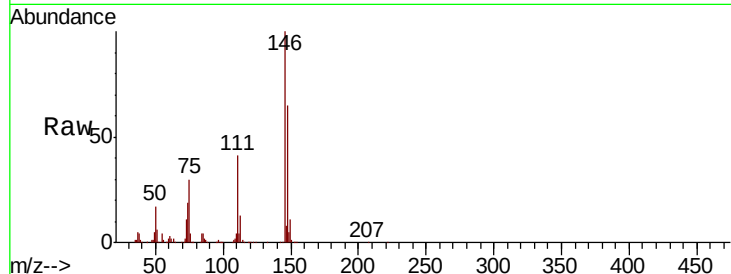
#13
1,4-Dichlorobenzene
Concen: 41.166 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Instrument :
BNA_G
ClientSampled :
IDOC-S-03-CG

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.2	76.8
111	41.5	33.1	49.7

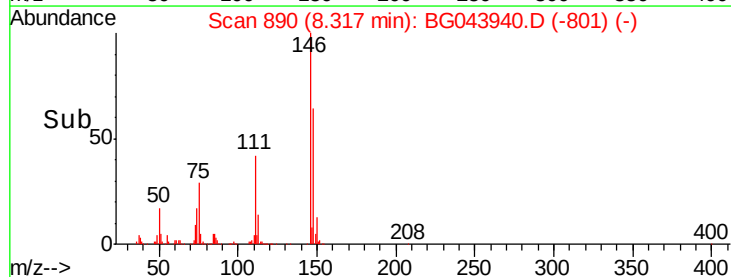
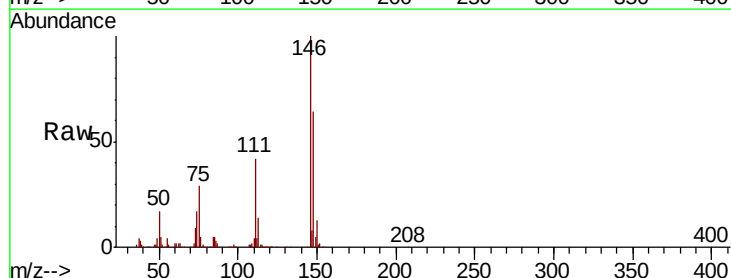
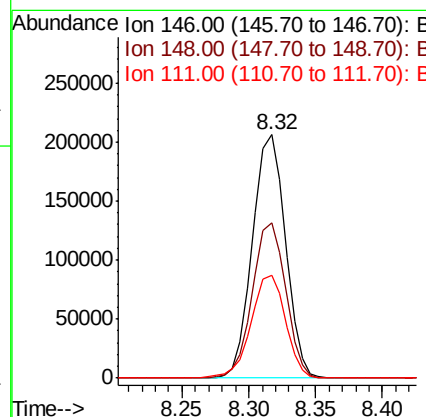
Manual Integrations
APPROVED

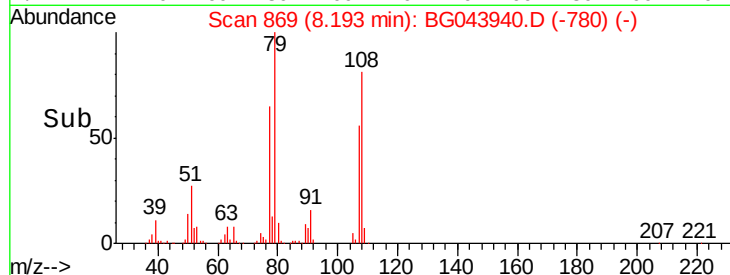
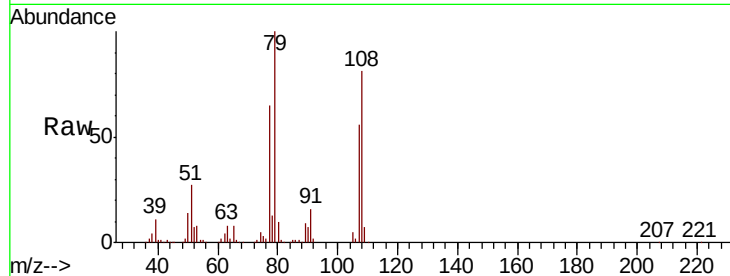
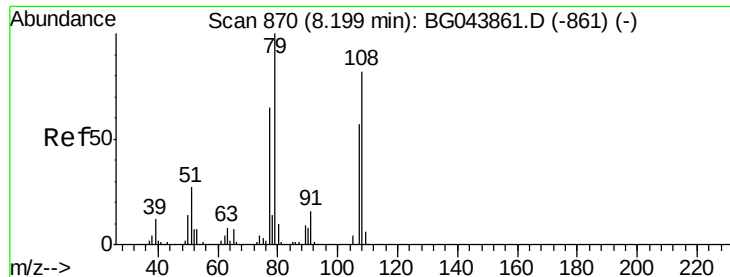
mohammad
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#14
1,2-Dichlorobenzene
Concen: 40.802 ng
RT: 8.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.7	77.5
111	42.5	34.4	51.6





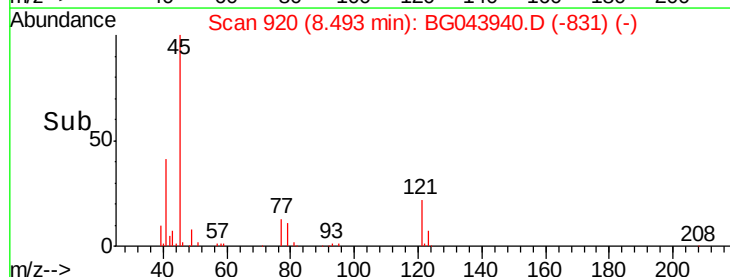
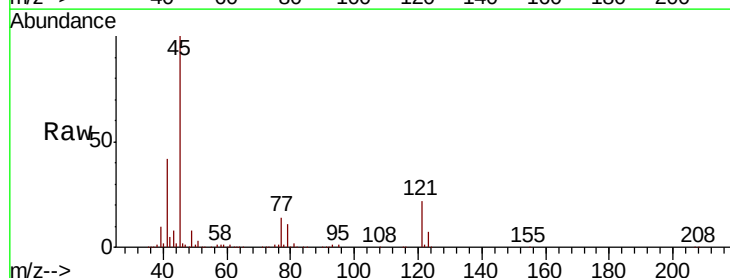
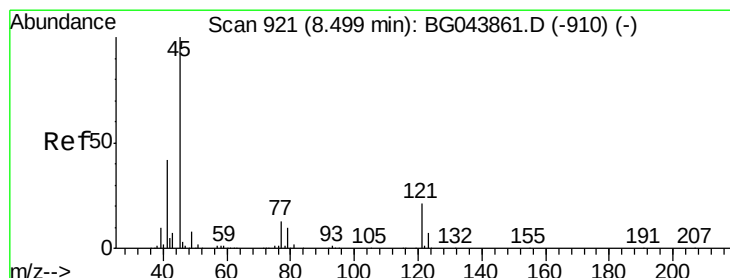
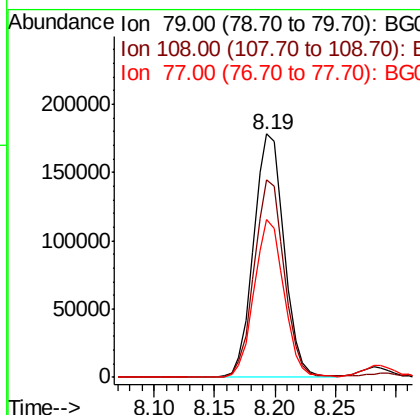
#15
Benzyl Alcohol
Concen: 42.858 ng
RT: 8.19 min Scan# 869
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	81.1	65.6	98.4	
77	64.6	52.0	78.0	

Instrument :
BNA_G
ClientSampleId :
IDOC-S-03-CG

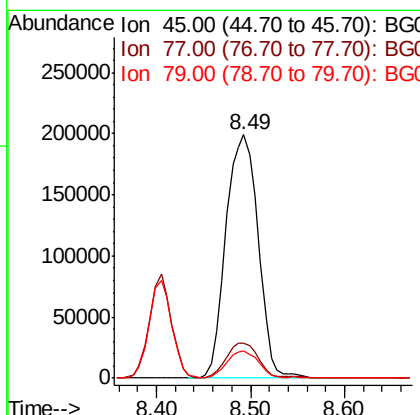
Manual Integrations
APPROVED

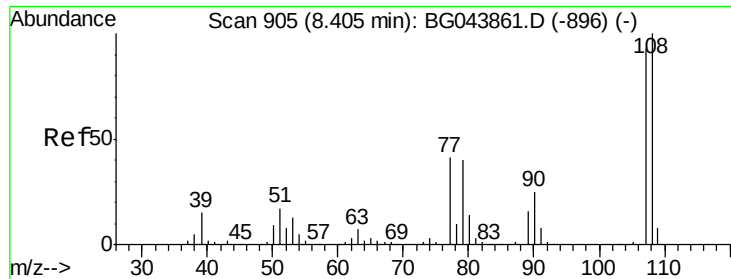
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.160 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.1	0.0	33.8	
79	11.1	0.0	31.0	





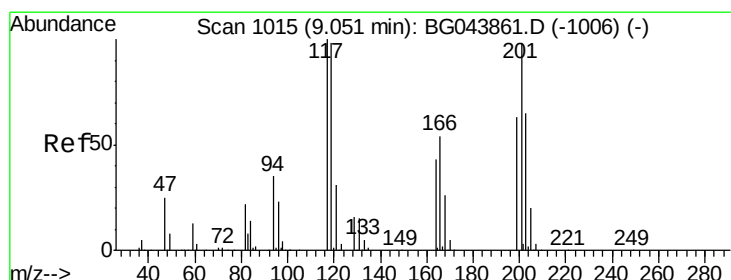
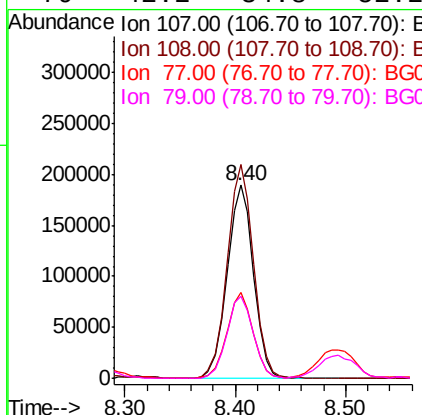
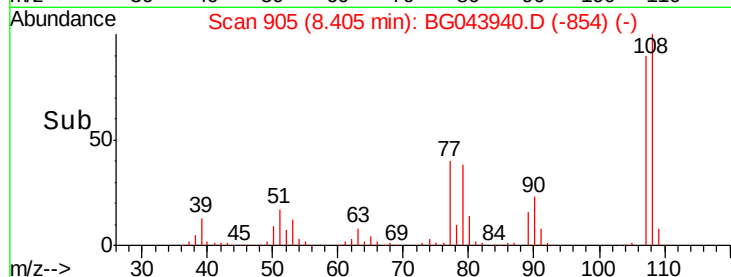
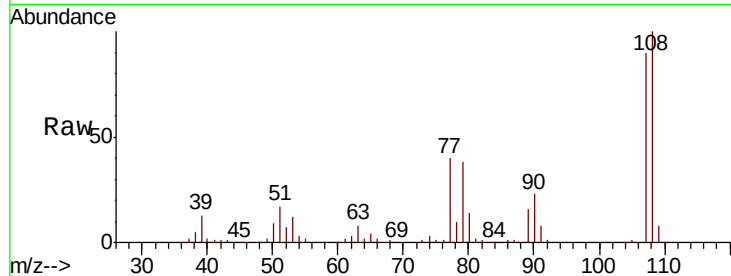
#17
2-Methylphenol
Concen: 45.714 ng
RT: 8.40 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Instrument :
BNA_G
ClientSampleId :
IDOC-S-03-CG

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.5	86.1	129.1	
77	44.7	35.4	53.0	
79	42.2	34.8	52.2	

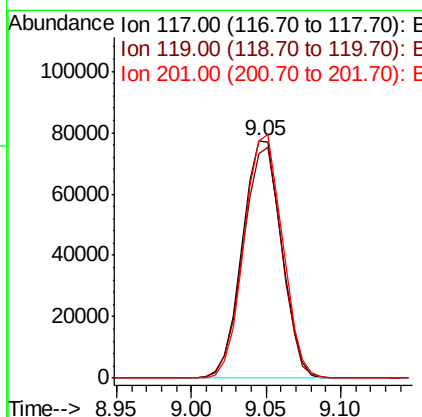
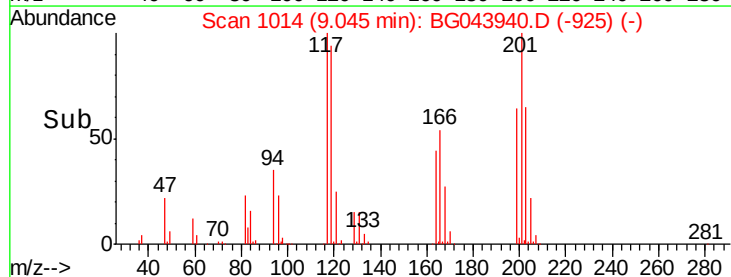
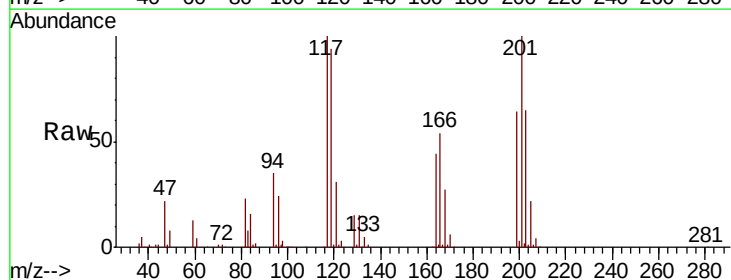
Manual Integrations
APPROVED

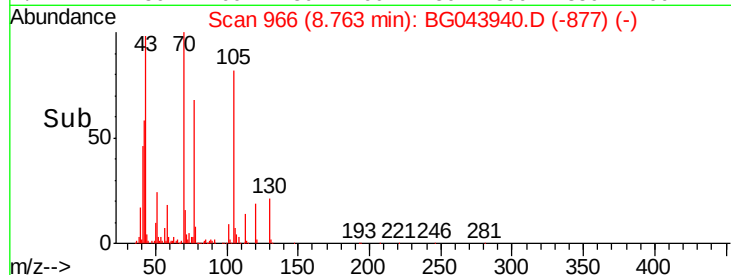
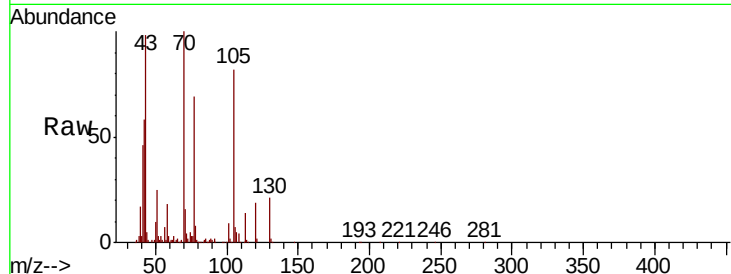
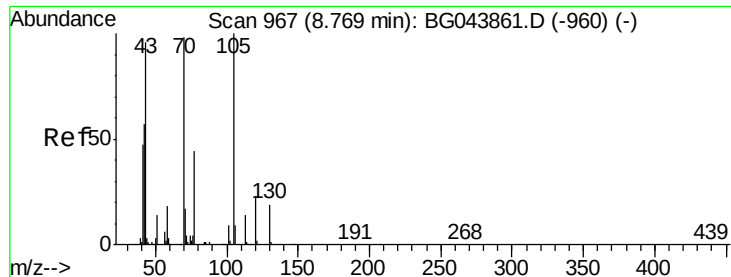
mohammad
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#18
Hexachloroethane
Concen: 40.213 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.5	78.1	117.1	
201	100.1	78.6	117.8	





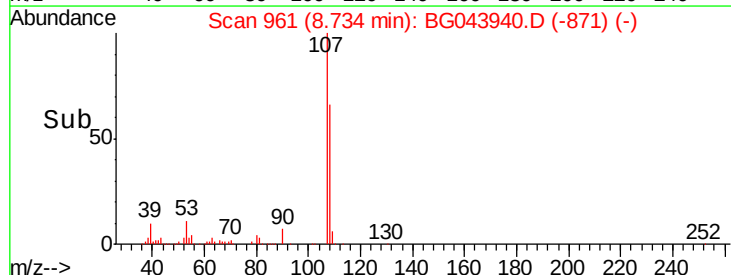
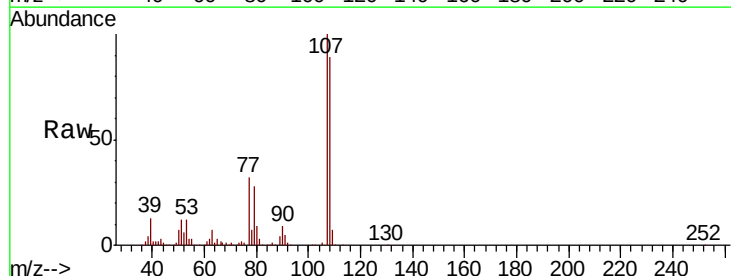
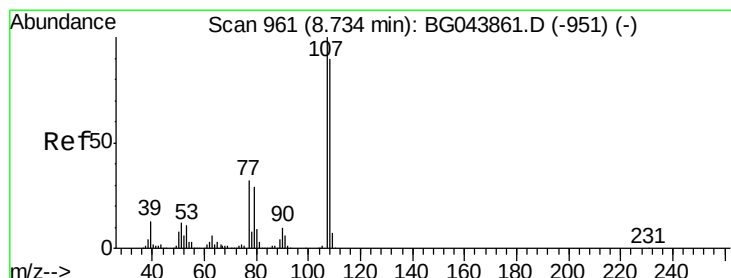
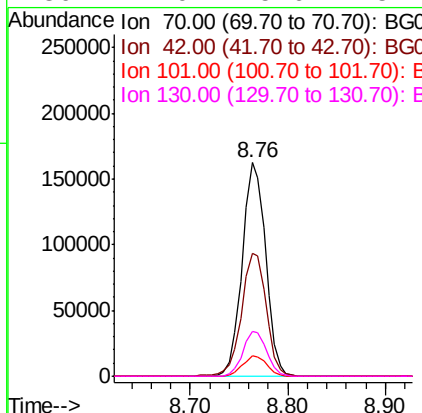
#19
n-Nitroso-di-n-propylamine
Concen: 39.485 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Instrument :
BNA_G
ClientSampleId :
IDOC-S-03-CG

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.5	47.0	70.4	
101	9.4	7.2	10.8	
130	21.0	15.6	23.4	

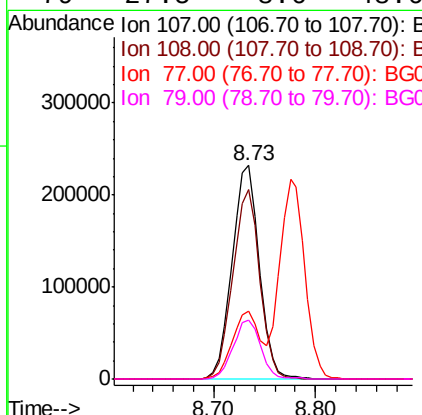
Manual Integrations
APPROVED

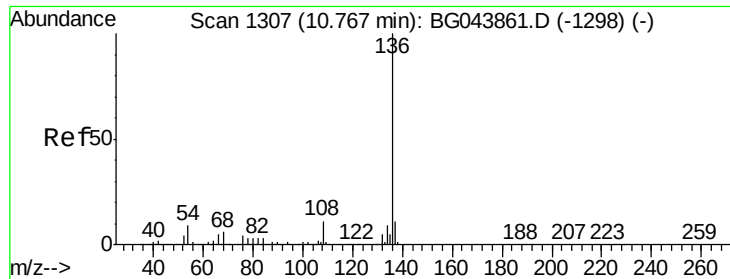
mohammad
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#20
3+4-Methylphenols
Concen: 44.871 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.6	70.3	110.3	
77	32.0	12.4	52.4	
79	27.5	8.6	48.6	





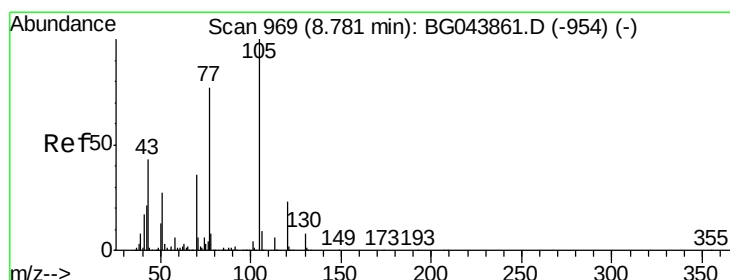
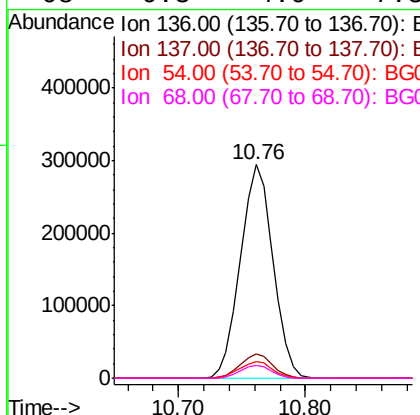
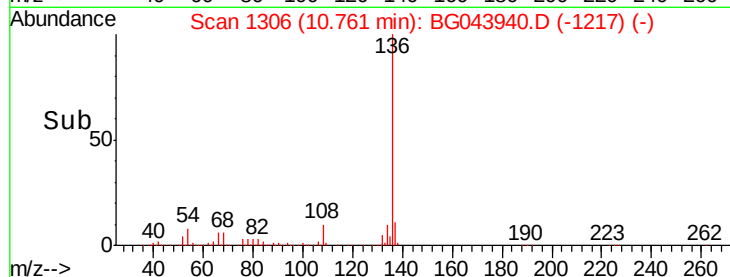
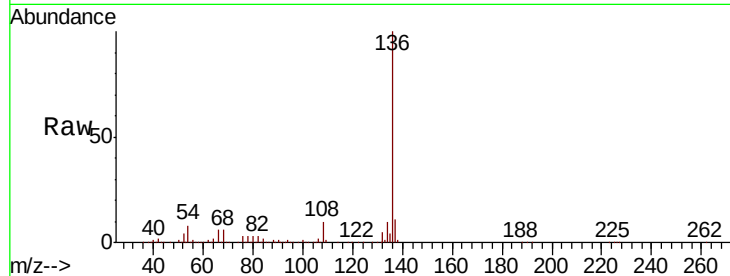
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Instrument :
BNA_G
ClientSampleId :
IDOC-S-03-CG

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		524991		
137	11.4	8.8	13.2		
54	7.9	7.0	10.4		
68	6.3	4.9	7.3		

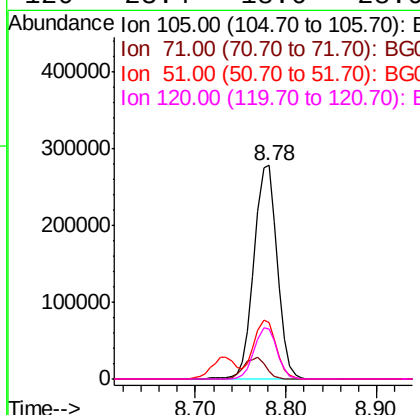
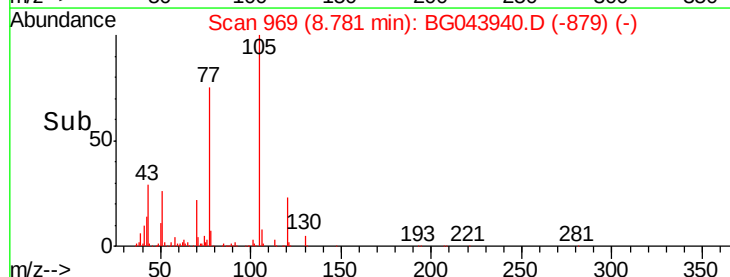
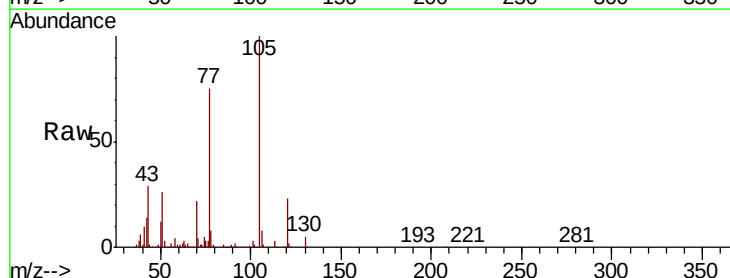
Manual Integrations
APPROVED

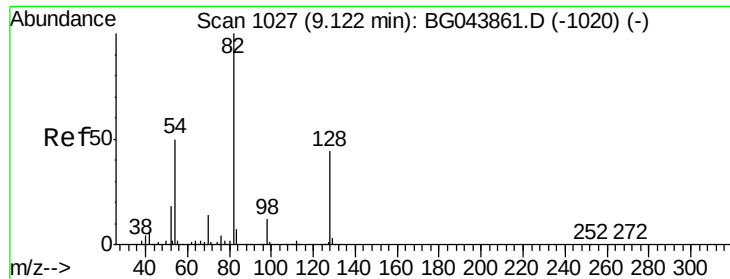
mohammad
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#22
Acetophenone
Concen: 38.008 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		496069		
71	3.6	4.8	7.2#		
51	26.4	21.4	32.0		
120	23.4	18.6	28.0		





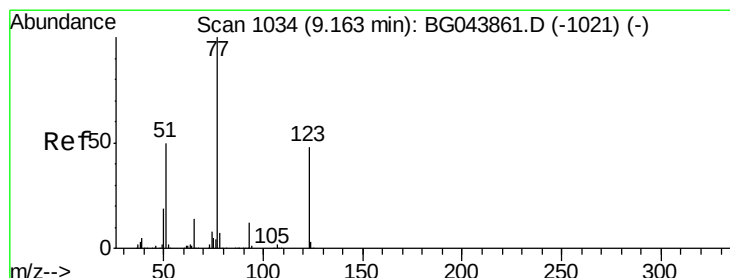
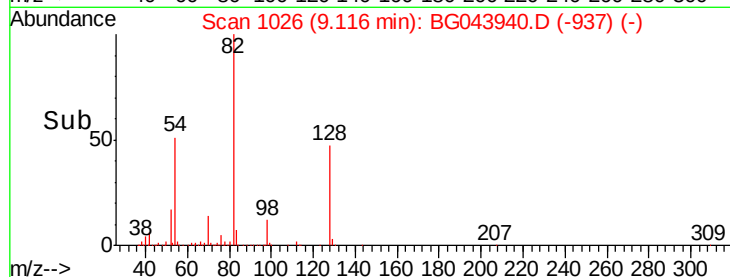
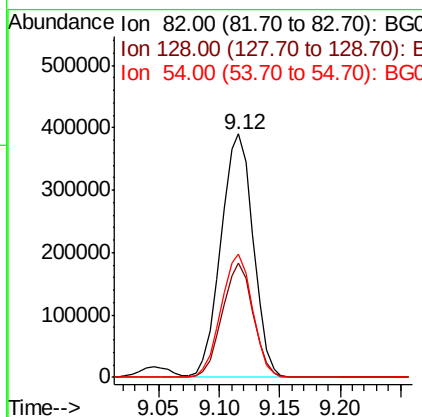
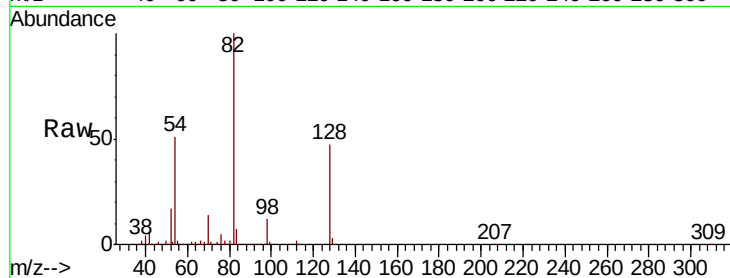
#23
 Nitrobenzene-d5
 Concen: 73.545 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG043940.D
 Acq: 6 Jan 2020 20:52

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-S-03-CG

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	35.1	52.7
54	50.6	40.1	60.1

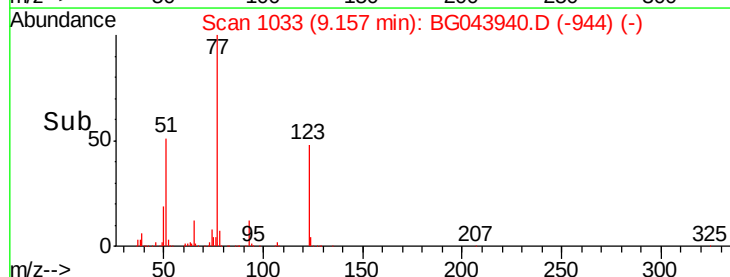
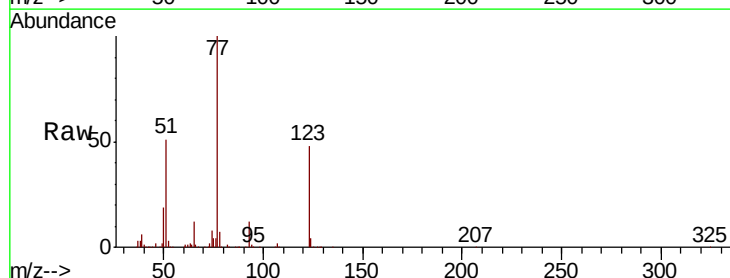
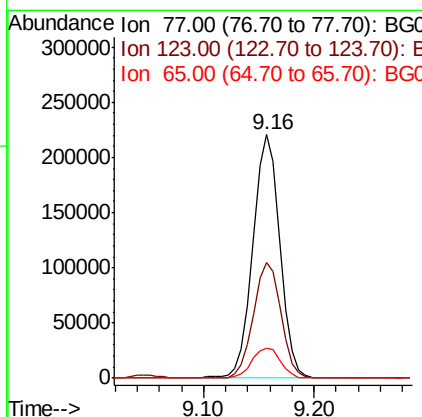
Manual Integrations
 APPROVED

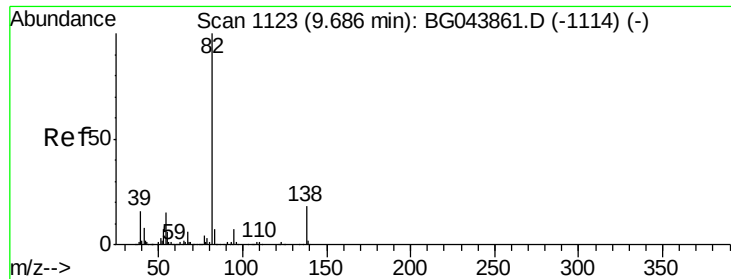
mohammad
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#24
 Nitrobenzene
 Concen: 39.044 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG043940.D
 Acq: 6 Jan 2020 20:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.6	38.7	58.1
65	12.4	11.1	16.7





#25

Isophorone

Concen: 39.611 ng

RT: 9.69 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BG043940.D

Acq: 6 Jan 2020 20:52

Instrument :

BNA_G

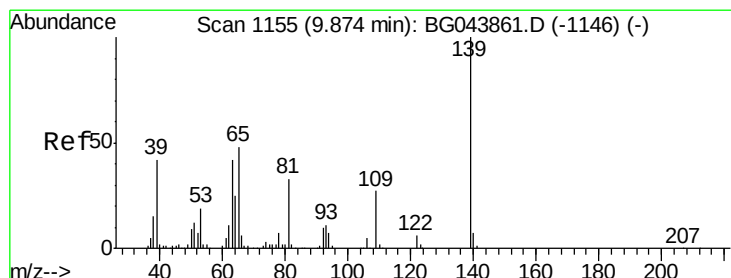
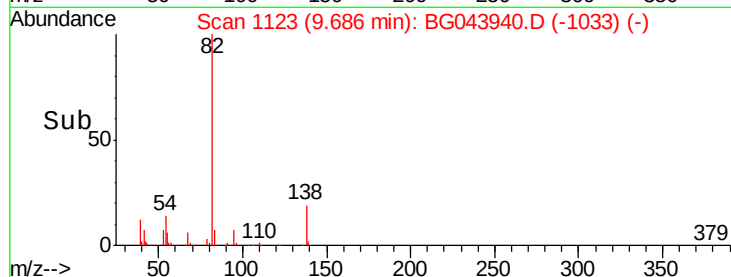
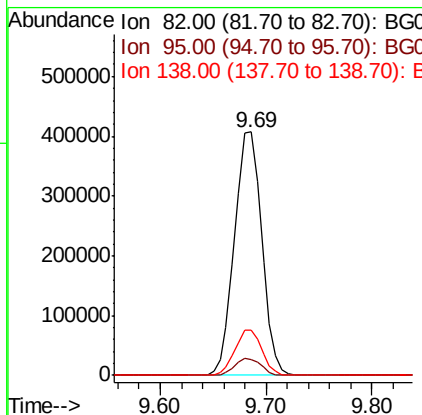
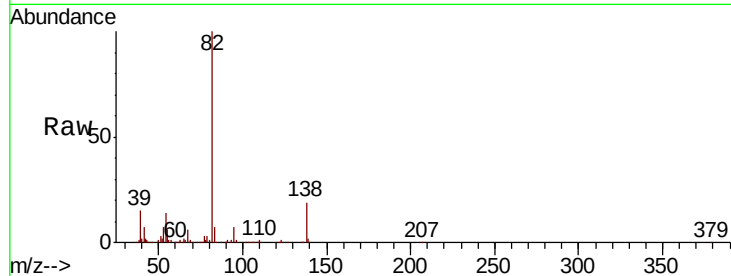
ClientSampleId :

IDOC-S-03-CG

Tot Ion	82	Resp	729295
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.8	8.6
138	18.8	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.389 ng

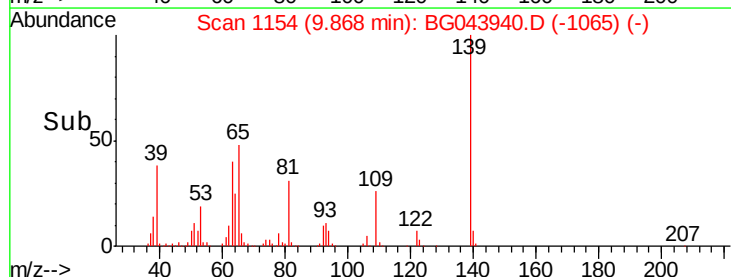
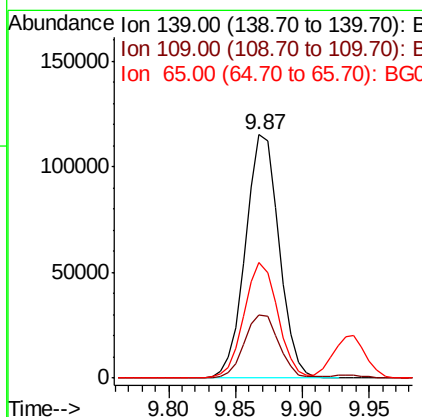
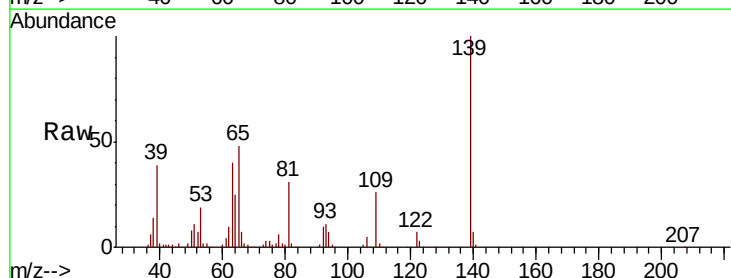
RT: 9.87 min Scan# 1154

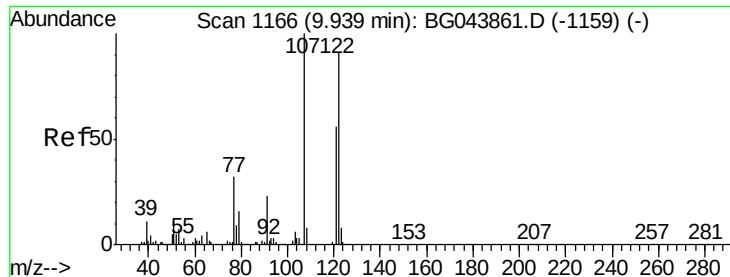
Delta R.T. -0.01 min

Lab File: BG043940.D

Acq: 6 Jan 2020 20:52

Tgt Ion	139	Resp	199525
Ion Ratio	Lower	Upper	
139	100		
109	25.9	21.3	31.9
65	47.7	38.6	57.8





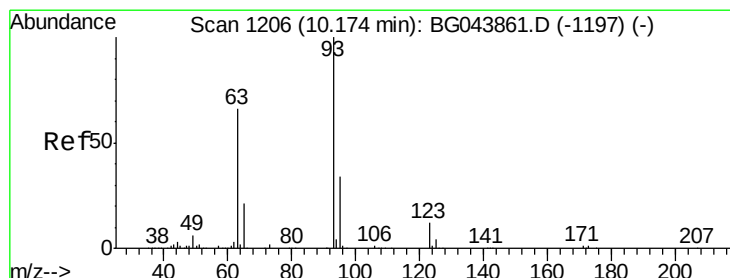
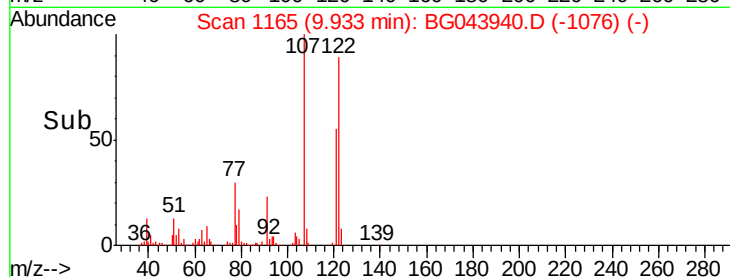
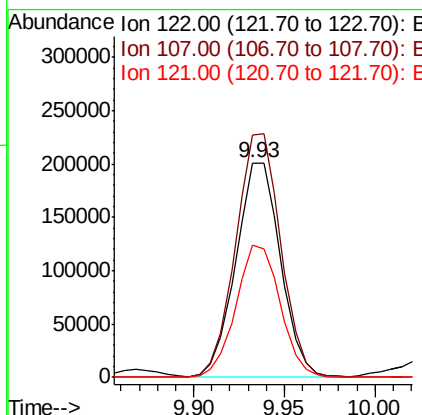
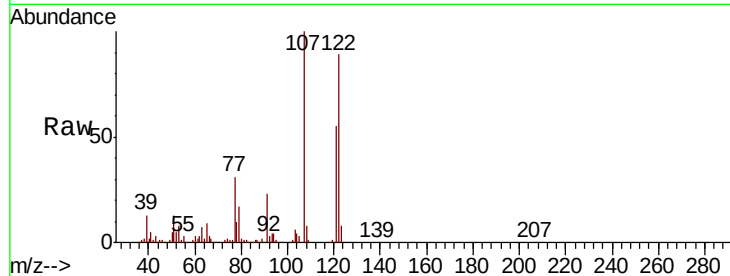
#27
2,4-Dimethylphenol
Concen: 49.445 ng
RT: 9.93 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Instrument :
BNA_G
ClientSampleId :
IDOC-S-03-CG

Tot Ion	Ratio	Resp	Lower	Upper
122	100	342267		
107	112.8	88.0	132.0	
121	61.6	49.0	73.4	

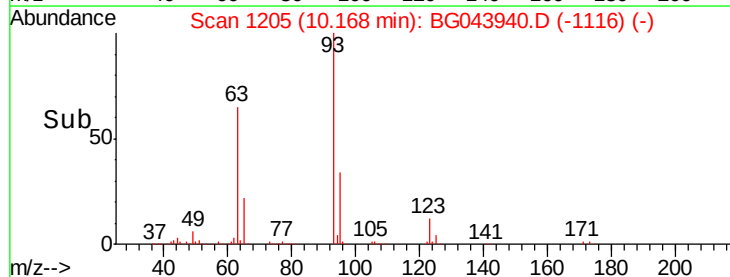
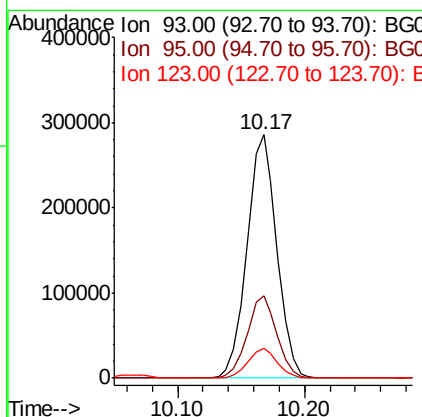
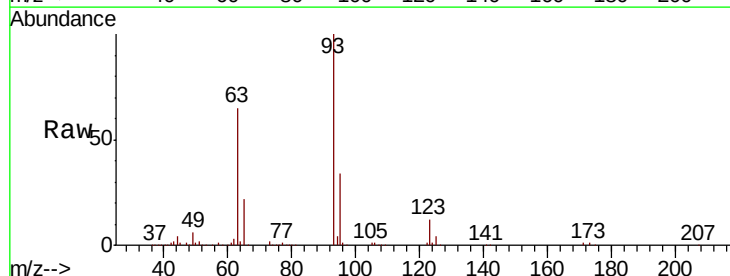
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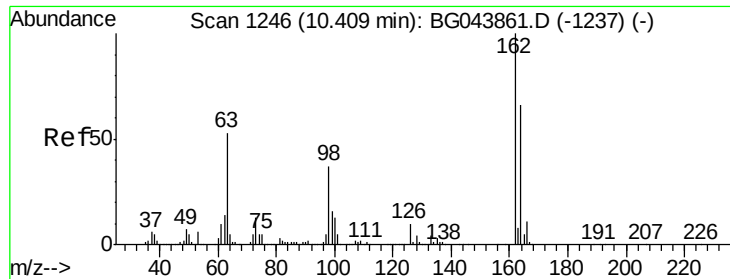
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 37.999 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	466417		
95	33.8	27.2	40.8	
123	12.5	9.7	14.5	





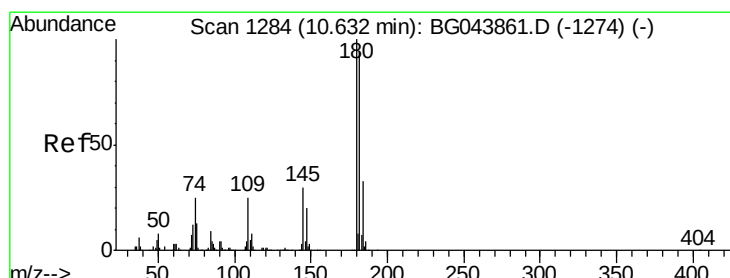
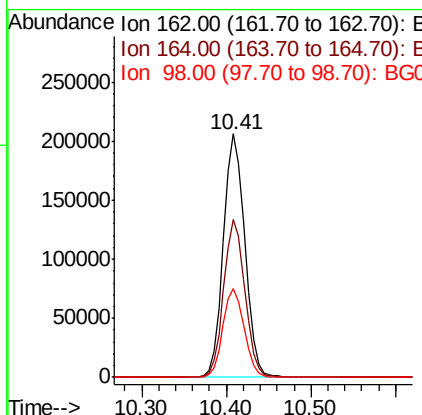
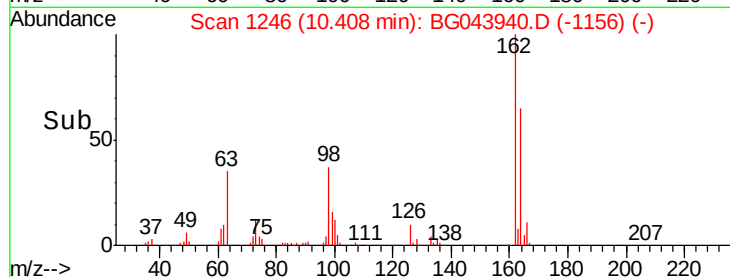
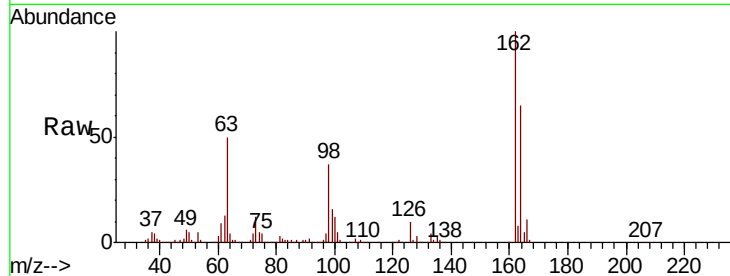
#29
2,4-Dichlorophenol
Concen: 43.814 ng
RT: 10.41 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Instrument :
BNA_G
ClientSampleId :
IDOC-S-03-CG

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	46.3	86.3
98	36.6	17.3	57.3

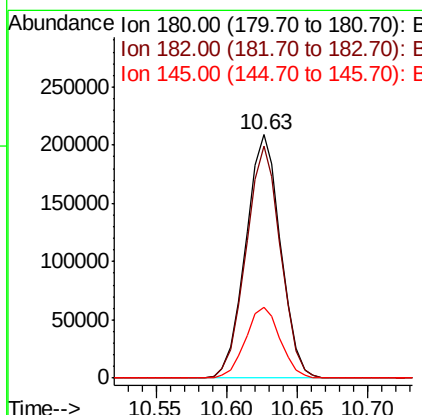
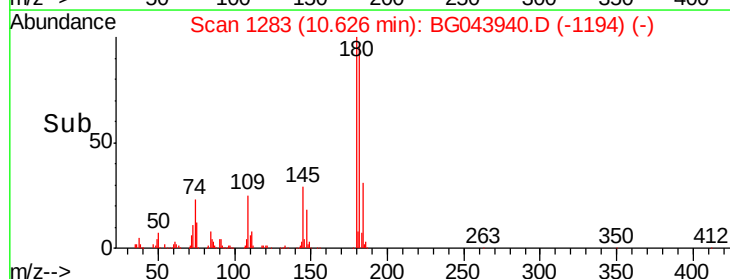
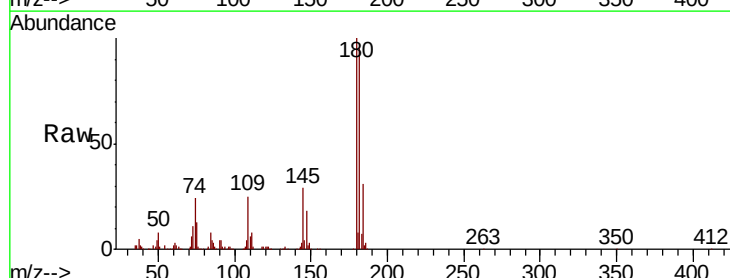
Manual Integrations
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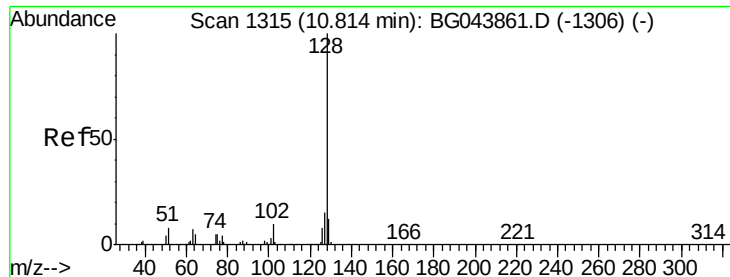
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#30
1,2,4-Trichlorobenzene
Concen: 38.952 ng
RT: 10.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.0	112.4
145	29.0	24.2	36.4





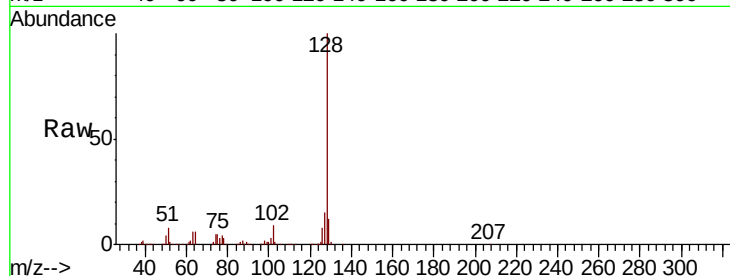
#31
Naphthalene
Concen: 41.291 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Instrument :
BNA_G
ClientSampleId :
IDOC-S-03-CG

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.8	14.6
127	15.0	12.0	18.0

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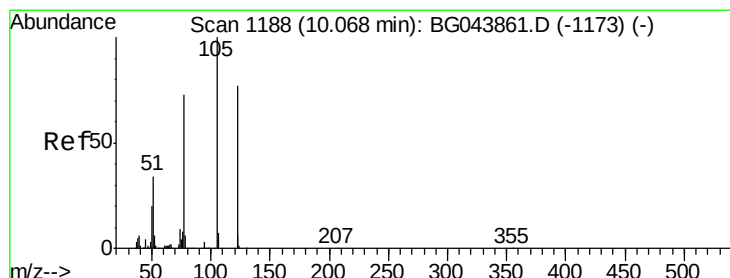
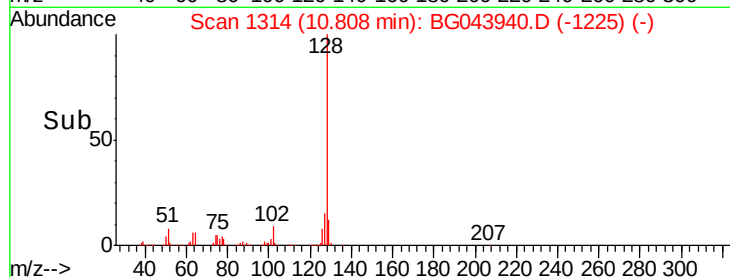
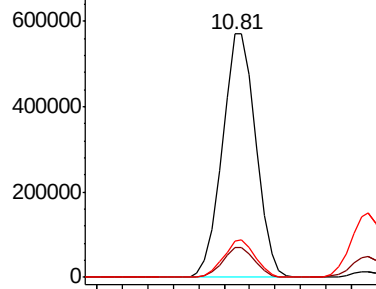


Abundance

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: 27.018 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

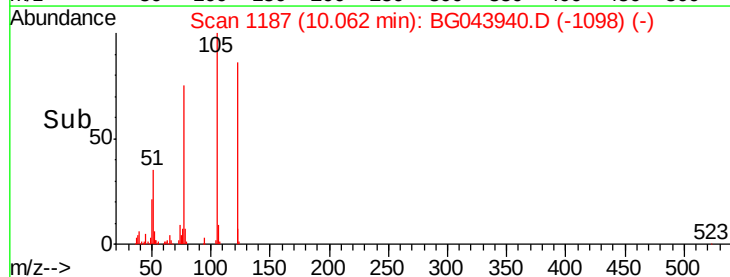
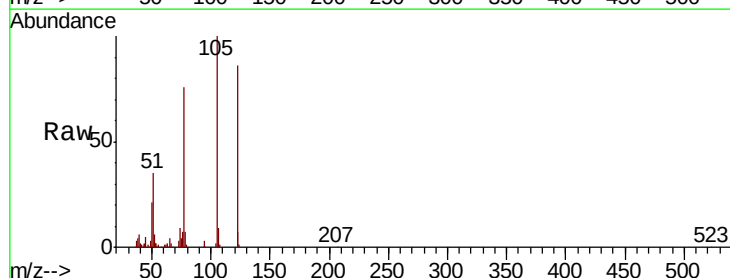
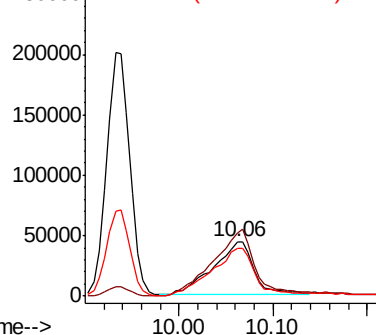
Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.8	106.4	146.4
77	88.3	74.6	114.6

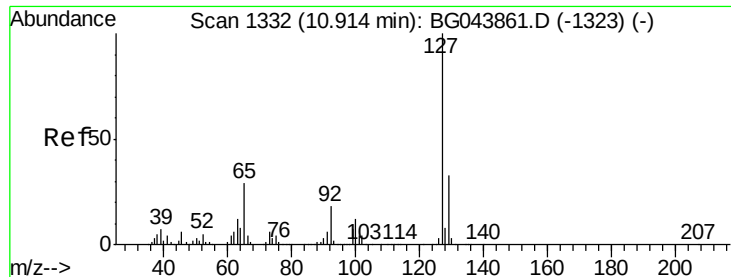
Abundance

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): BG





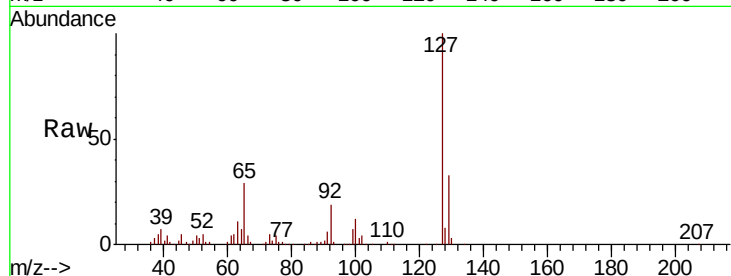
#33
4-Chloroaniline
Concen: 23.002 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Instrument :
BNA_G
ClientSampleId :
IDOC-S-03-CG

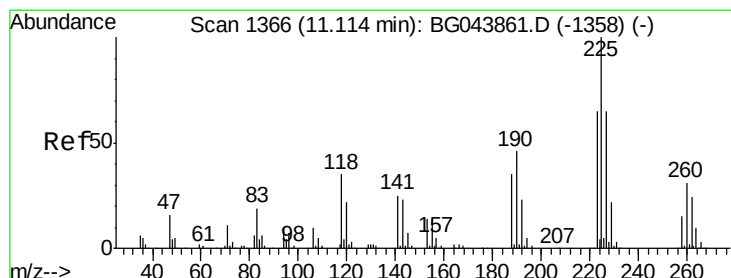
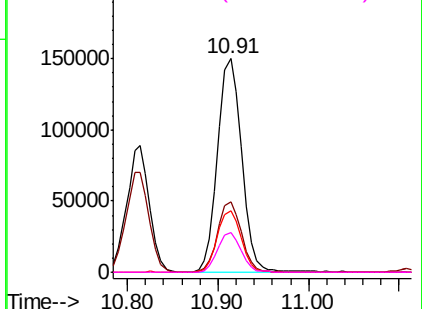
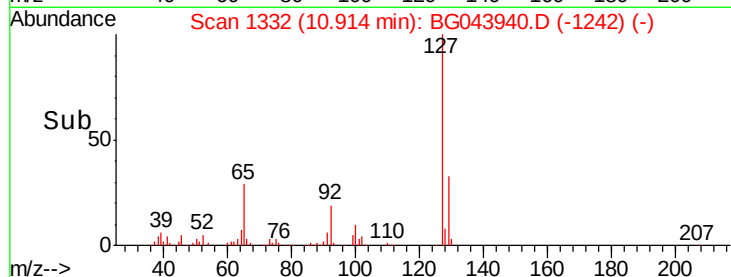
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.6	40.0
65	29.0	23.3	34.9
92	18.6	14.7	22.1

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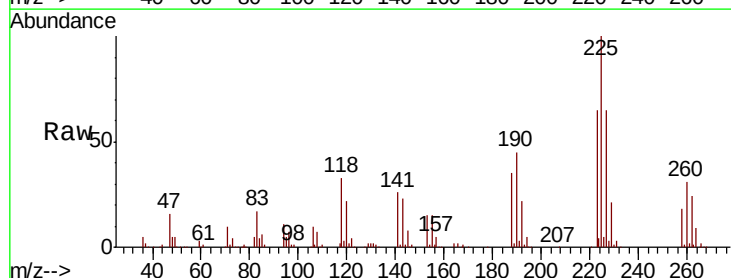


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

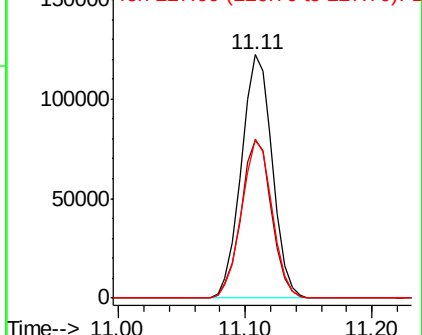
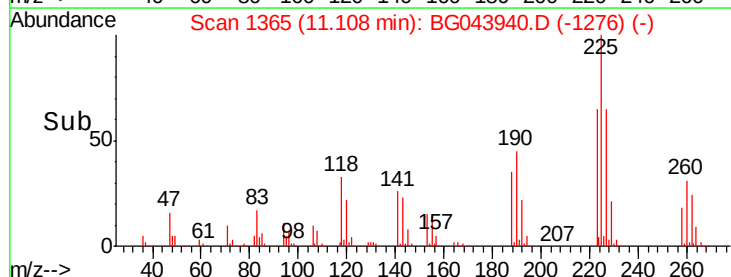


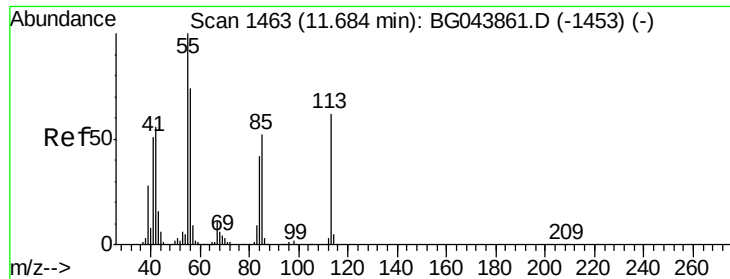
#34
Hexachlorobutadiene
Concen: 36.715 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	52.2	78.4
227	65.2	52.1	78.1



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





#35

Caprolactam

Concen: 43.473 ng/mL

RT: 11.68 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BG043940.D

Acq: 6 Jan 2020 20:52

Instrument :

BNA_G

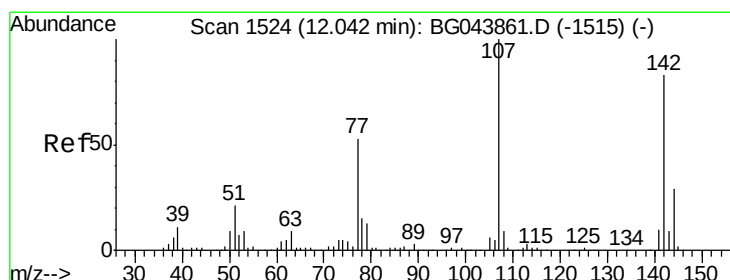
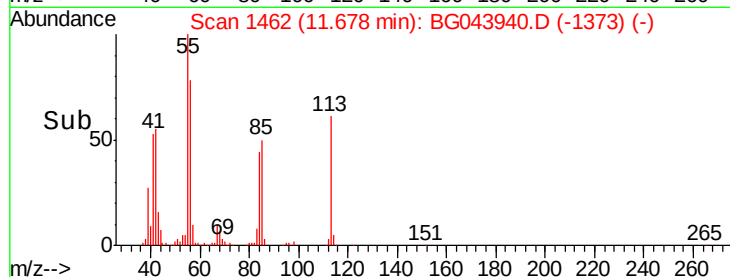
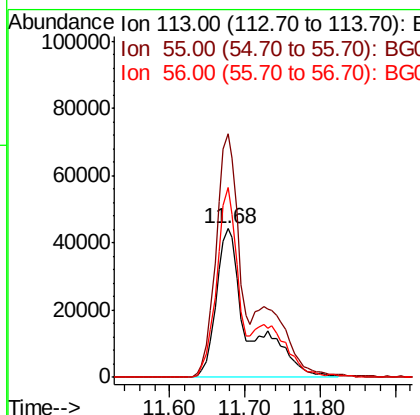
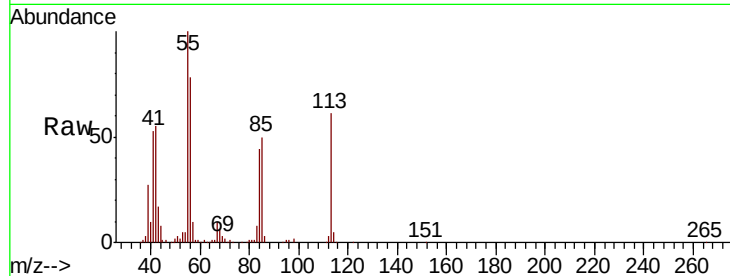
ClientSampleID :

IDOC-S-03-CG

Tot Ion:	113	Resp:	133627
Ion	Ratio	Lower	Upper
113	100		
55	164.1	142.5	182.5
56	127.6	101.4	141.4

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#36

4-Chloro-3-methylphenol

Concen: 43.856 ng/mL

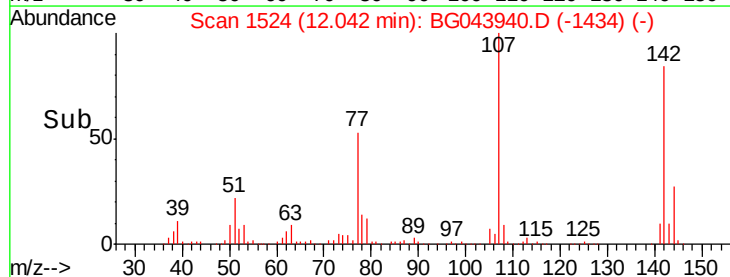
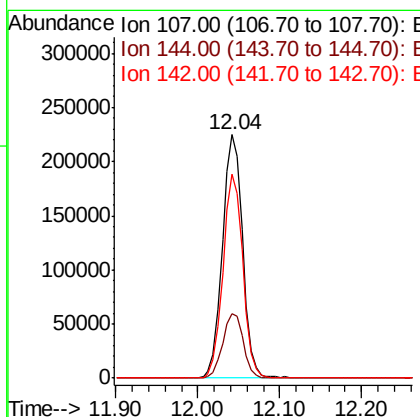
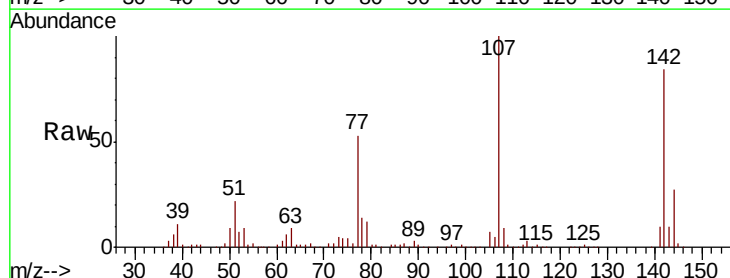
RT: 12.04 min Scan# 1524

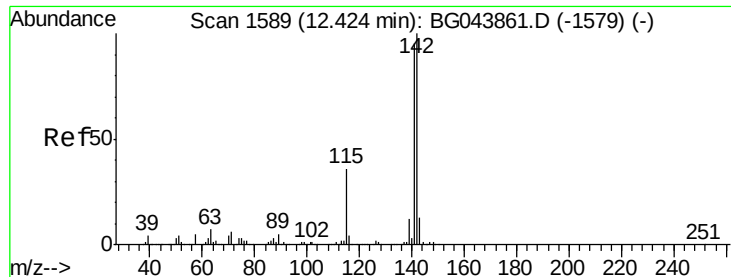
Delta R.T. -0.00 min

Lab File: BG043940.D

Acq: 6 Jan 2020 20:52

Tgt Ion:	107	Resp:	385496
Ion	Ratio	Lower	Upper
107	100		
144	26.7	23.4	35.2
142	83.5	66.3	99.5





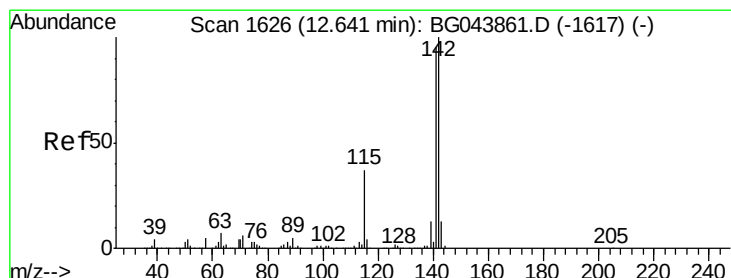
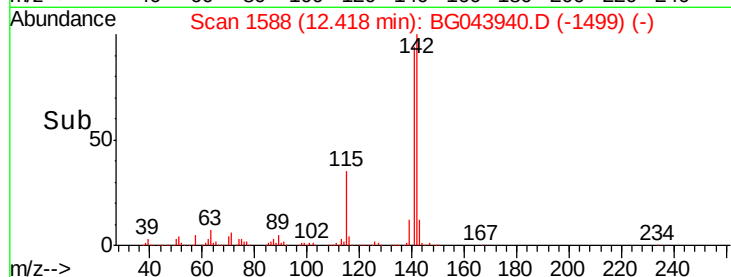
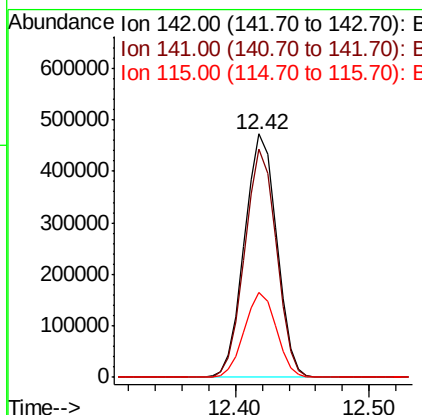
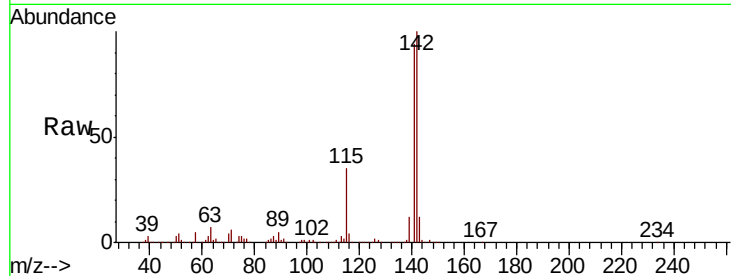
#37
2-Methylnaphthalene
Concen: 41.214 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Instrument :
BNA_G
ClientSampleId :
IDOC-S-03-CG

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.5	75.8	113.8
115	34.8	28.6	42.8

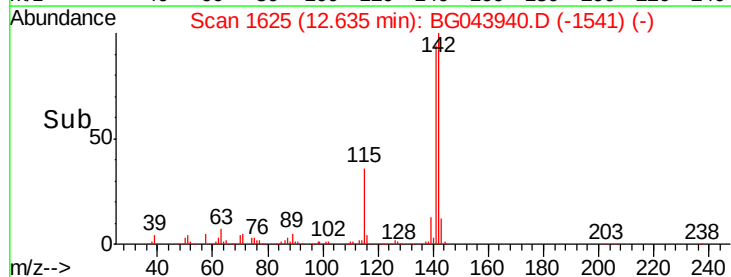
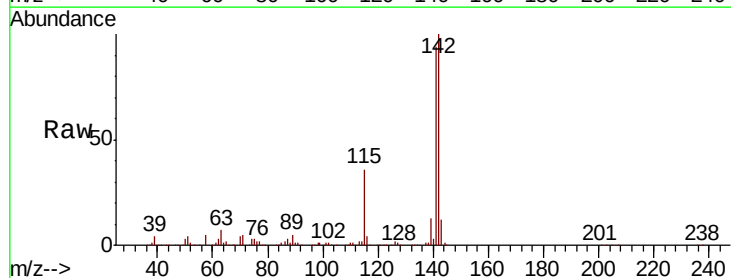
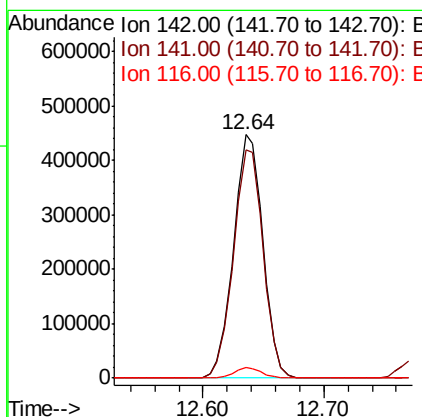
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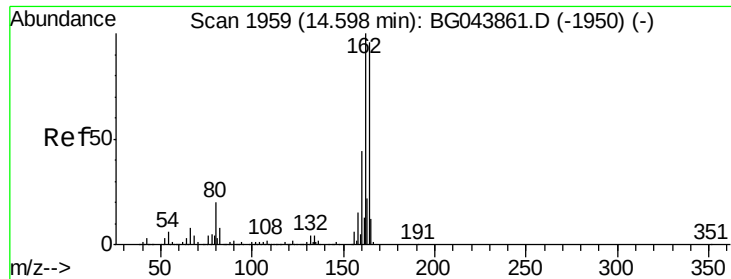
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#38
1-Methylnaphthalene
Concen: 41.674 ng
RT: 12.64 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	76.0	114.0
116	4.1	3.1	4.7





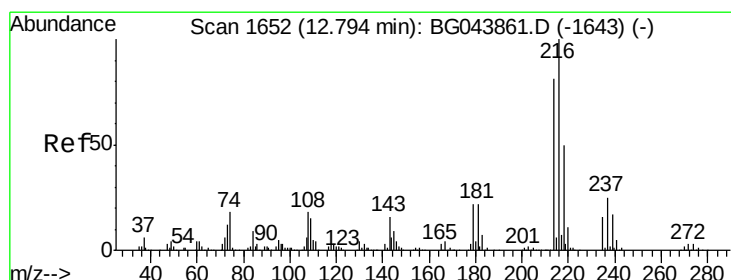
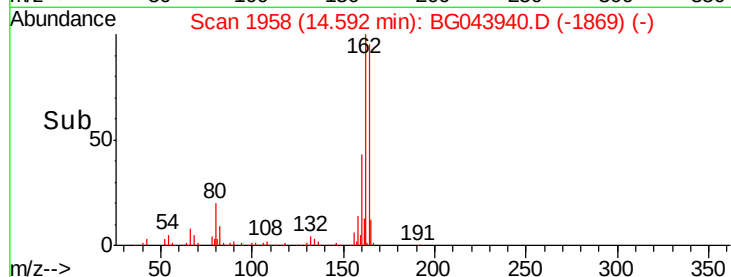
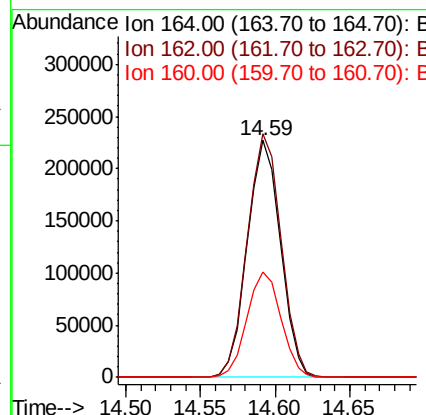
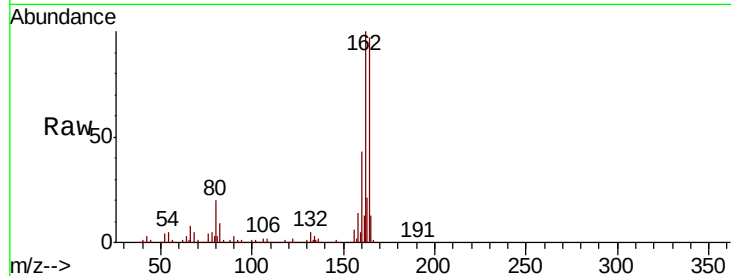
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Instrument :
BNA_G
ClientSampleId :
IDOC-S-03-CG

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.7	83.0	124.4	
160	44.5	36.1	54.1	

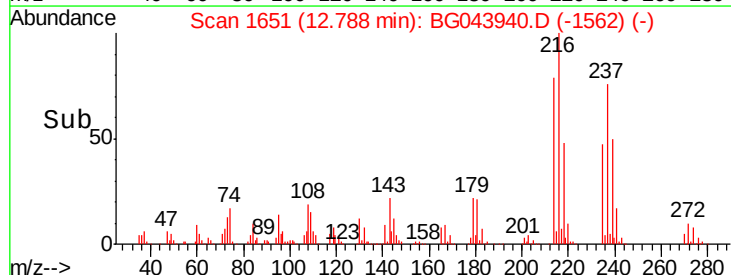
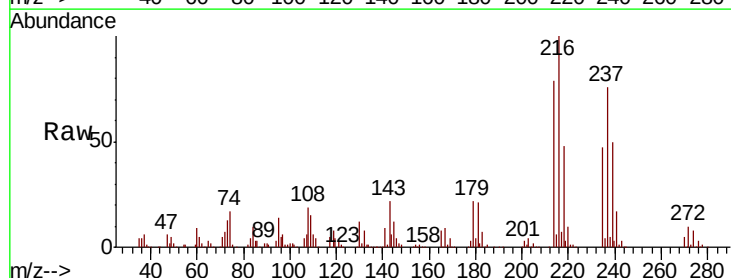
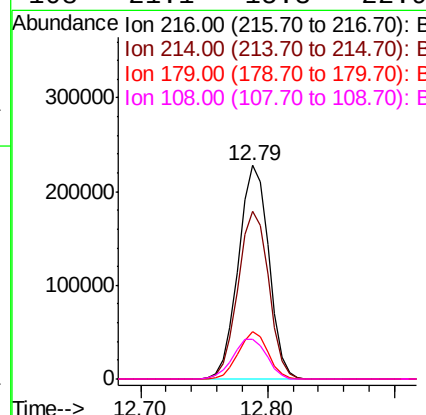
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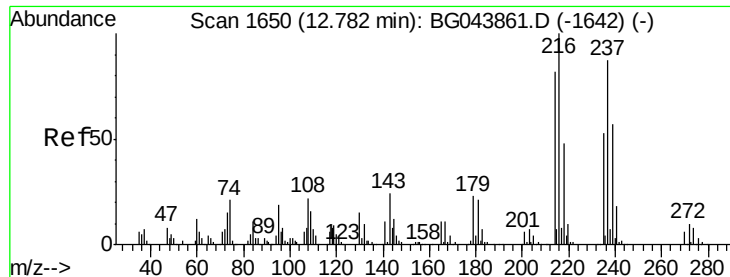
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.736 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.7	63.8	95.8	
179	21.3	17.3	25.9	
108	21.1	15.3	22.9	





#41

Hexachlorocyclopentadiene

Concen: 93.155 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BG043940.D

Acq: 6 Jan 2020 20:52

Instrument :

BNA_G

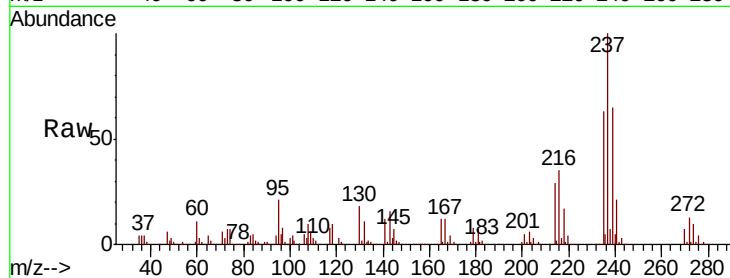
ClientSampleId :

IDOC-S-03-CG

Tot Ion:	237	Resp:	495854
Ion Ratio	Lower	Upper	
237	100		
235	62.5	41.1	81.1
272	12.6	0.0	31.7

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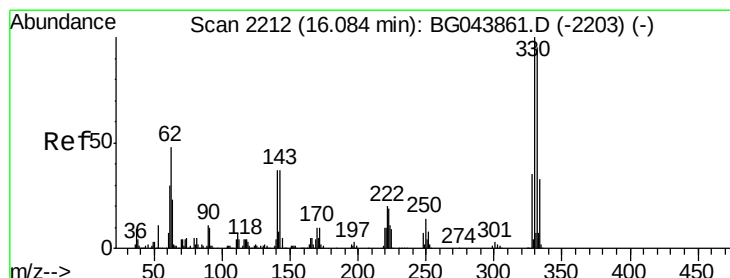
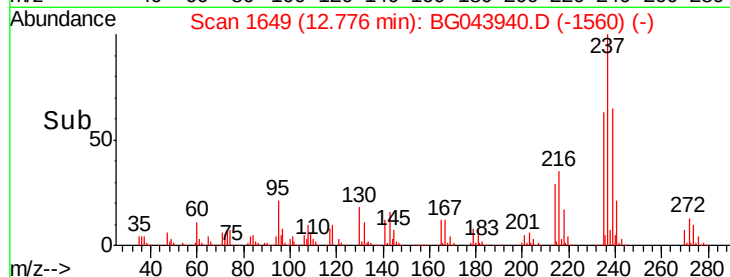
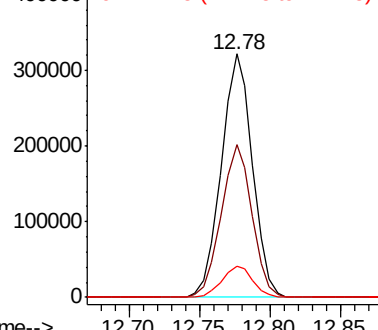


Abundance

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: 118.565 ng

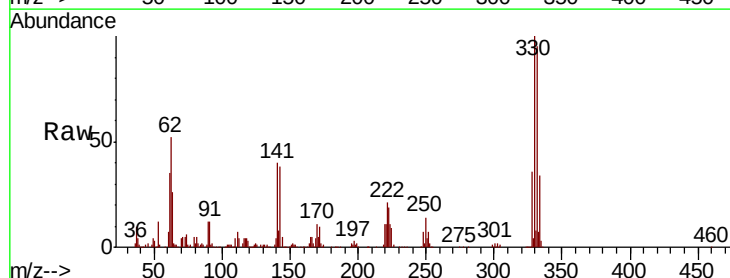
RT: 16.08 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BG043940.D

Acq: 6 Jan 2020 20:52

Tgt Ion:	330	Resp:	434631
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.2	115.8
141	39.4	33.1	49.7

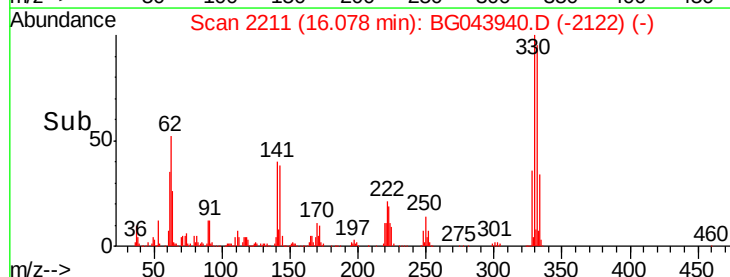
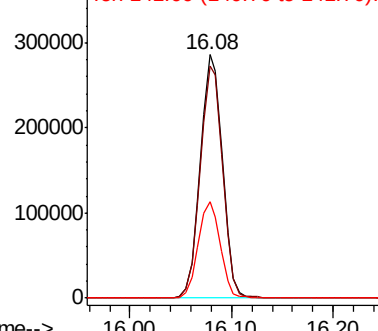


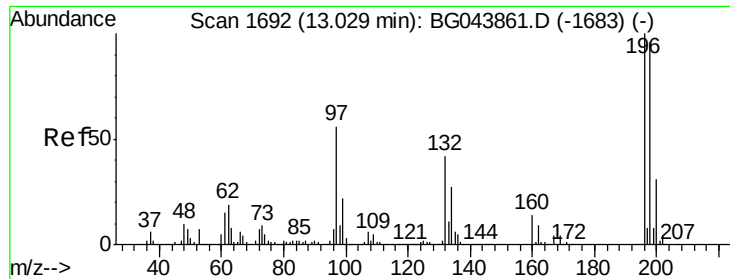
Abundance

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





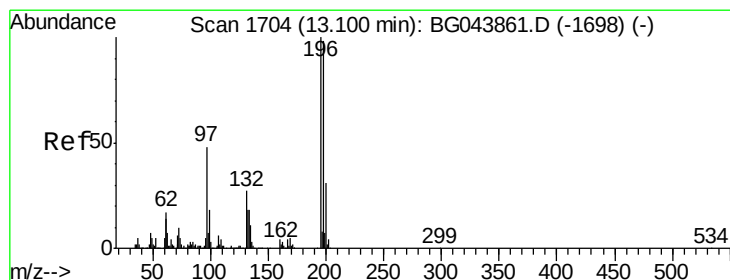
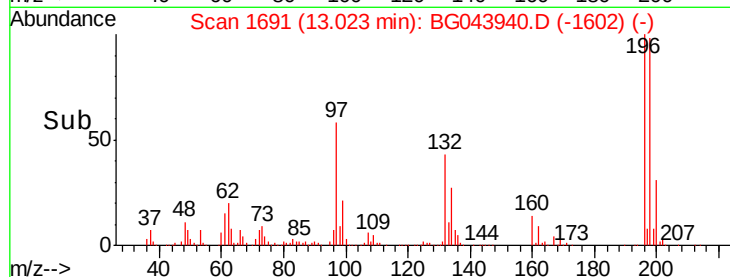
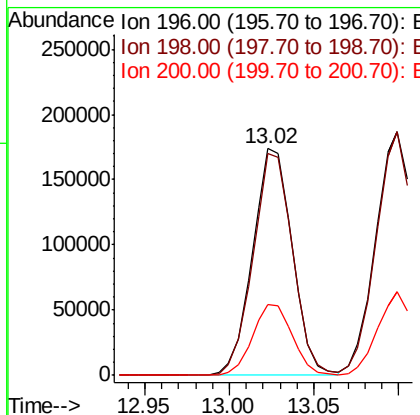
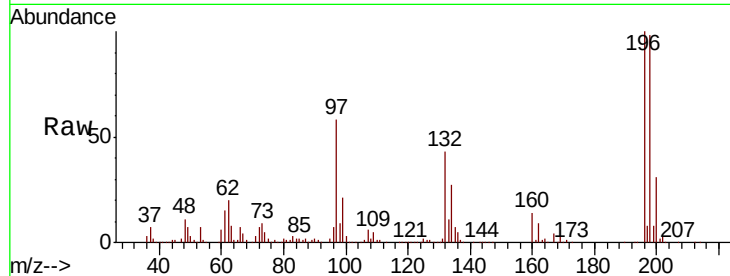
#43
2,4,6-Trichlorophenol
Concen: 40.268 ng
RT: 13.02 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Instrument :
BNA_G
ClientSampleId :
IDOC-S-03-CG

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.7	76.6	115.0
200	31.4	24.6	37.0

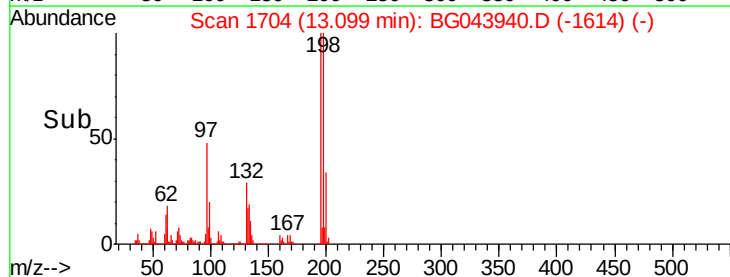
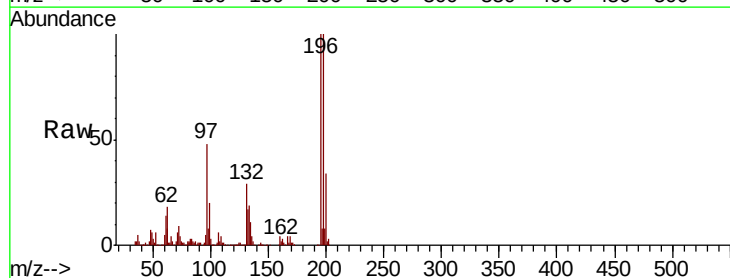
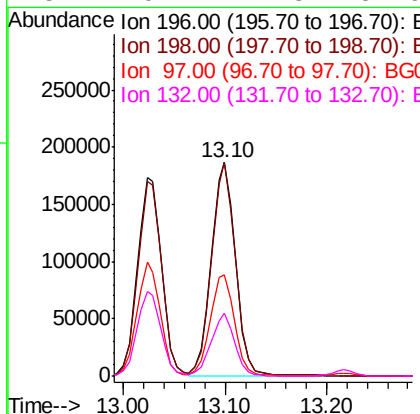
Manual Integrations
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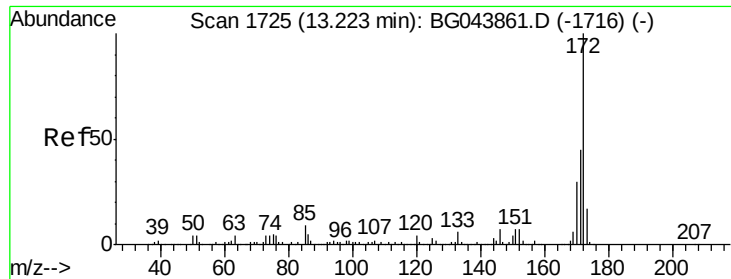
mohammad
1/7/2020 12:30:49 PM



#44
2,4,5-Trichlorophenol
Concen: 42.163 ng
RT: 13.10 min Scan# 1704
Delta R.T. -0.00 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.8	78.3	117.5
97	47.7	38.8	58.2
132	29.1	21.3	31.9





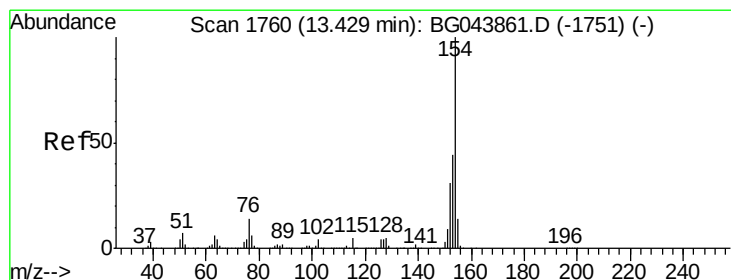
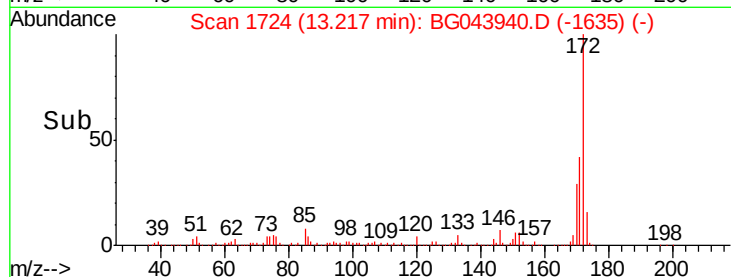
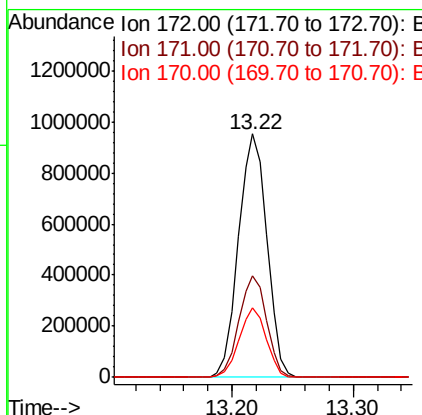
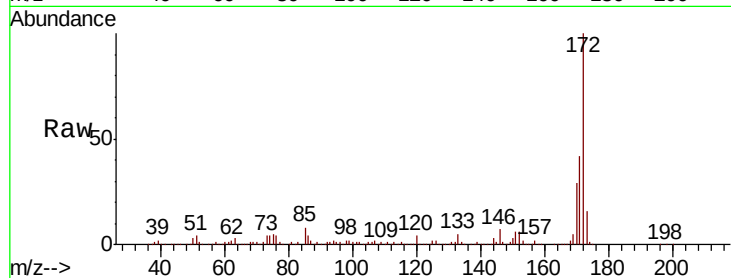
#45
2-Fluorobiphenyl
Concen: 80.791 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Instrument :
BNA_G
ClientSampleId :
IDOC-S-03-CG

Tot Ion	Ratio	Lower	Upper
172	100		
171	42.0	35.8	53.8
170	28.8	24.2	36.4

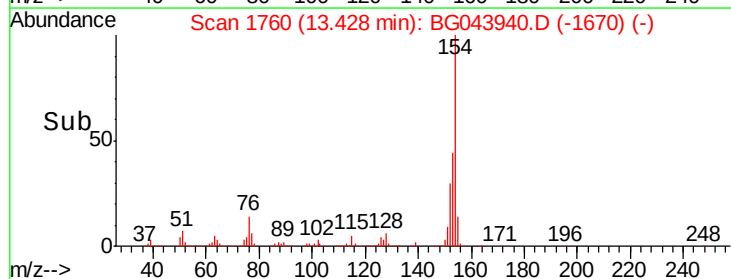
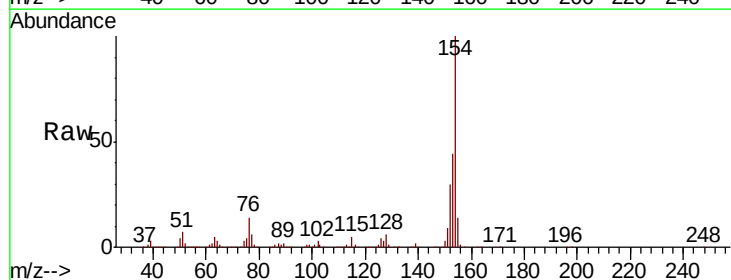
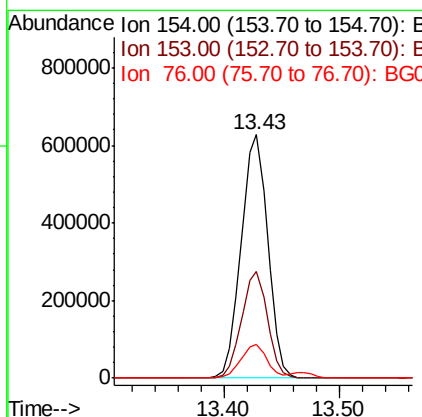
Manual Integrations
APPROVED

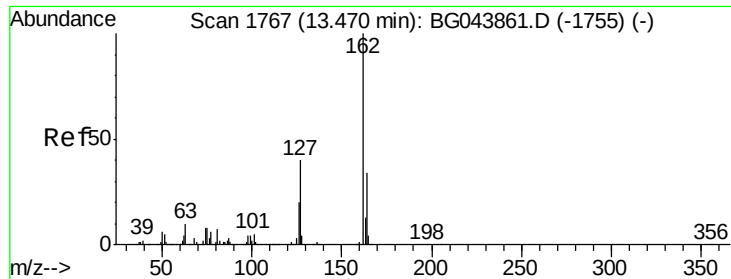
mohammad
1/7/2020 12:30:49 PM



#46
1,1'-Biphenyl
Concen: 39.887 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.0	23.6	63.6
76	13.8	0.0	34.4





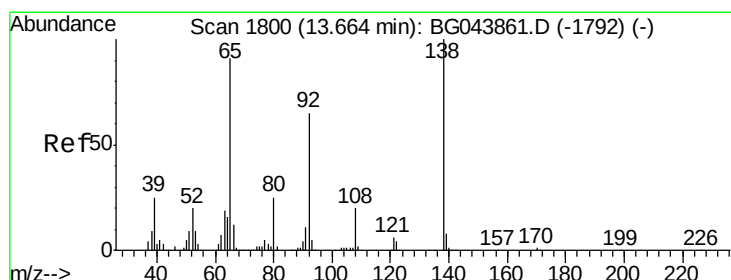
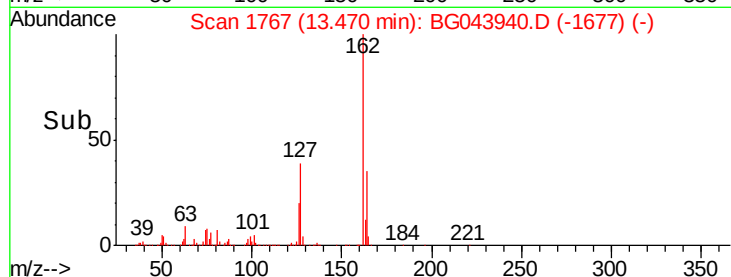
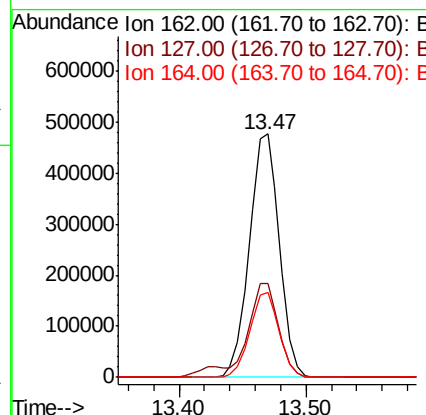
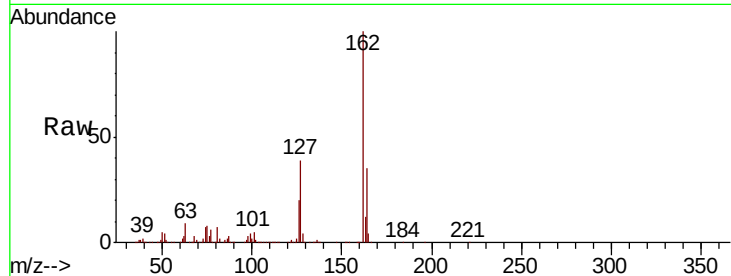
#47
 2-Chloronaphthalene
 Concen: 38.418 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: BG043940.D
 Acq: 6 Jan 2020 20:52

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-S-03-CG

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	32.1	48.1
164	34.7	27.5	41.3

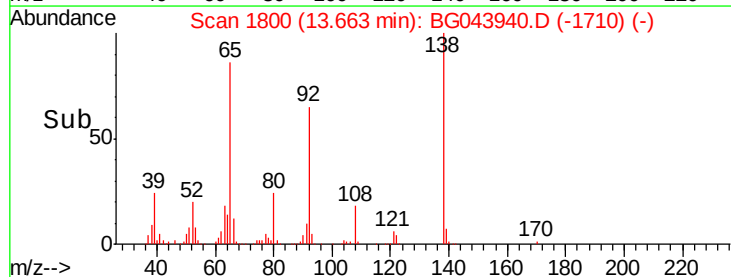
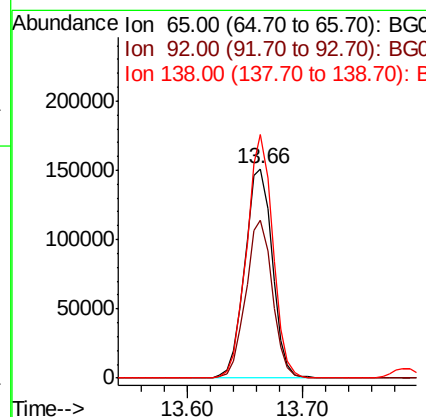
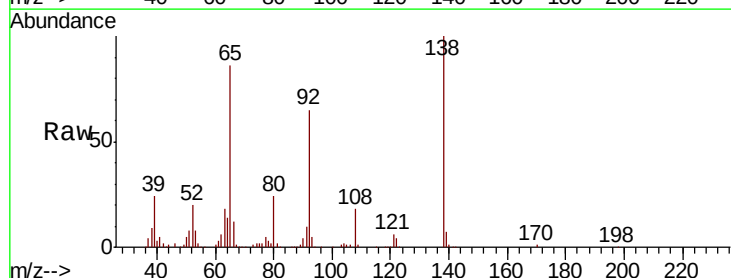
Manual Integrations
 APPROVED

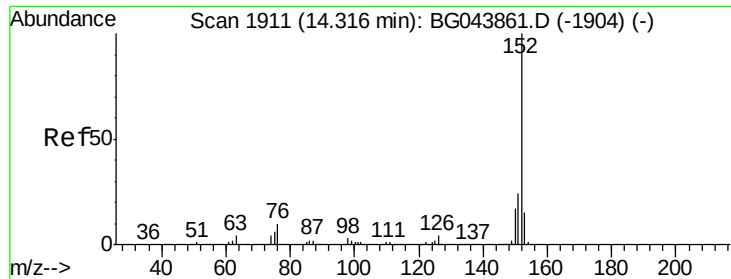
mohammad
 1/7/2020 12:30:49 PM



#48
 2-Nitroaniline
 Concen: 38.343 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG043940.D
 Acq: 6 Jan 2020 20:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.1	57.4	86.2
138	116.3	88.2	132.4





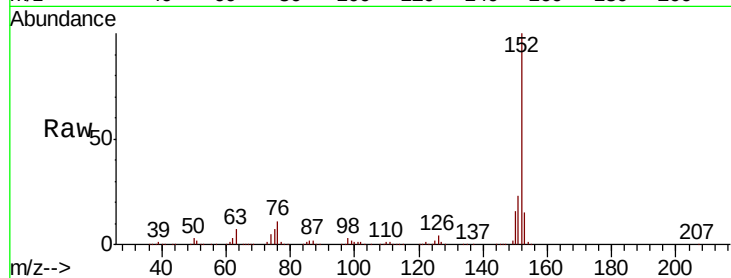
#49
Acenaphthylene
Concen: 41.975 ng
RT: 14.31 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Instrument :
BNA_G
ClientSampleId :
IDOC-S-03-CG

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.8	19.4	29.2
153	14.6	12.0	18.0

Manual Integrations
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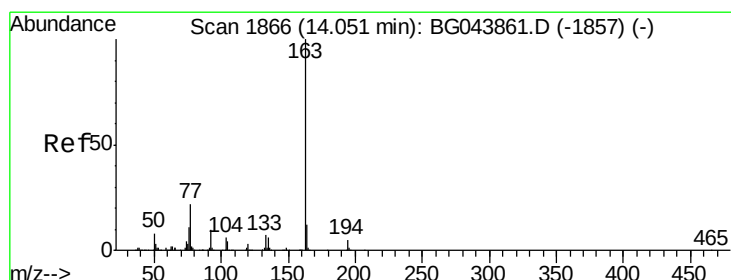
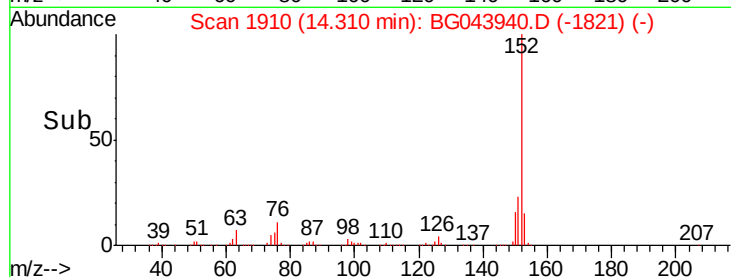
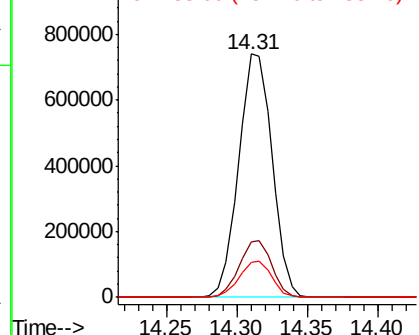


Abundance

Ion 152.00 (151.70 to 152.70): E

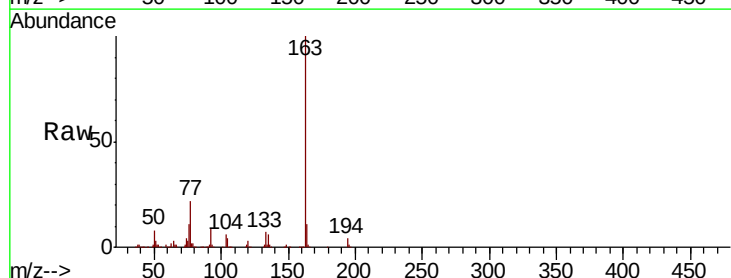
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 39.977 ng
RT: 14.05 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.7	5.5
164	11.4	9.3	13.9

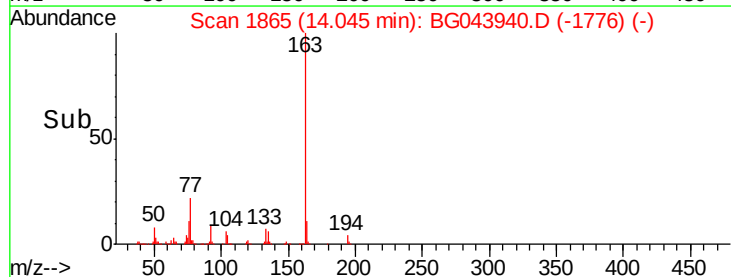
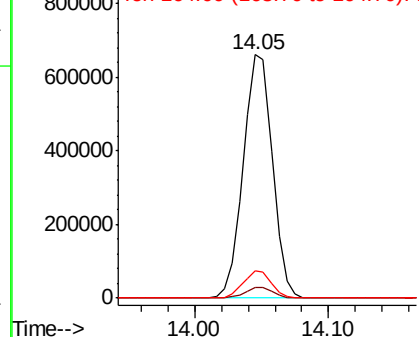


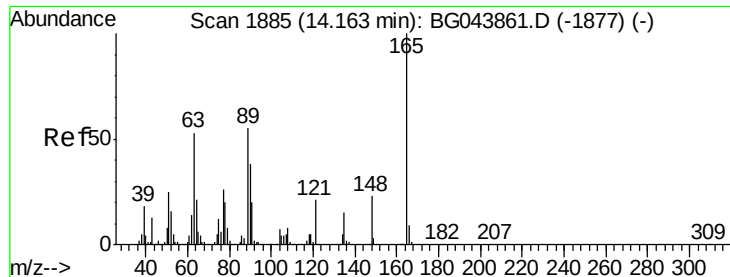
Abundance

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





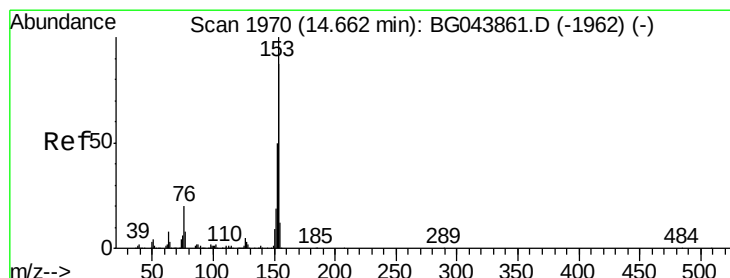
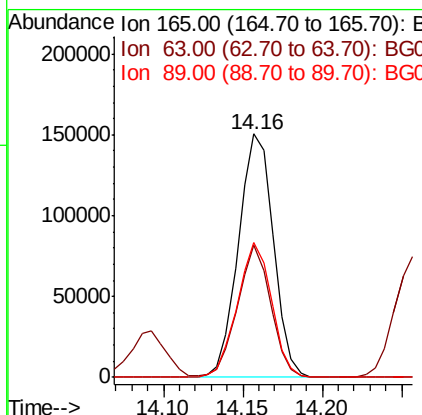
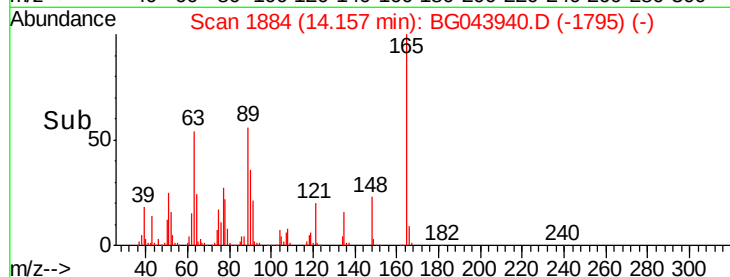
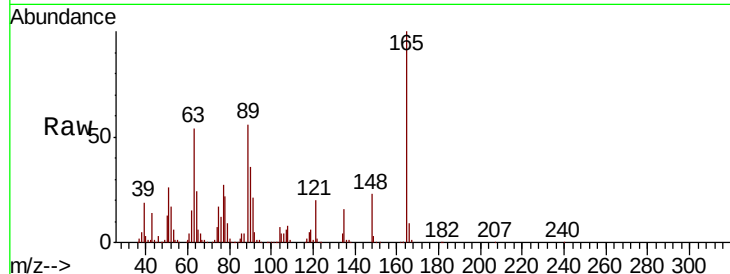
#51
 2,6-Dinitrotoluene
 Concen: 40.931 ng
 RT: 14.16 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: BG043940.D
 Acq: 6 Jan 2020 20:52

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-S-03-CG

Tot Ion:	165	Resp:	230103
Ion Ratio	Lower	Upper	
165	100		
63	54.5	43.1	64.7
89	55.5	43.8	65.6

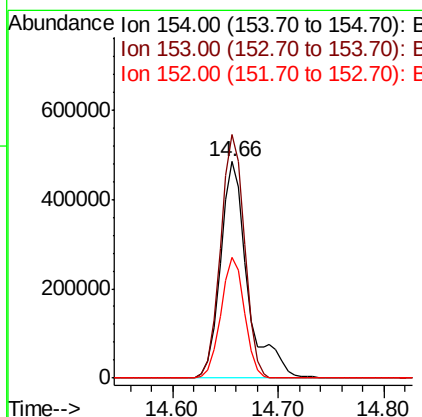
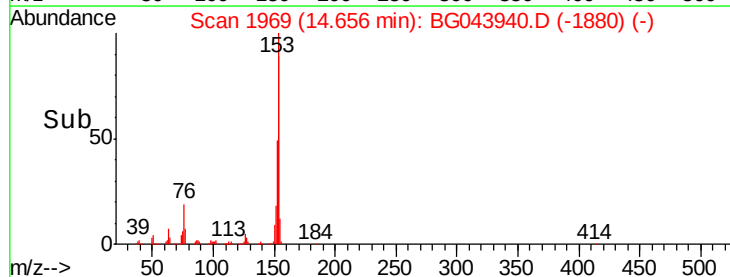
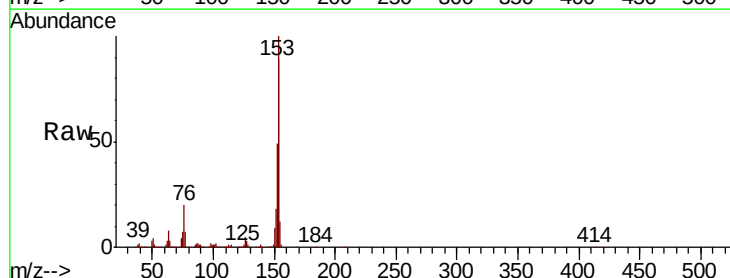
Manual Integrations
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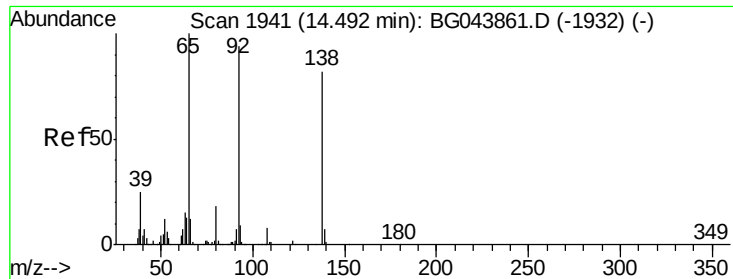
mohammad
 1/7/2020 12:30:49 PM



#52
 Acenaphthene
 Concen: 42.375 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG043940.D
 Acq: 6 Jan 2020 20:52

Tgt Ion:	154	Resp:	866838
Ion Ratio	Lower	Upper	
154	100		
153	112.6	91.6	137.4
152	55.6	45.4	68.0





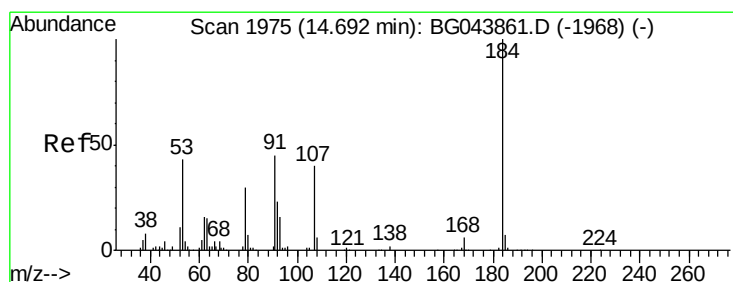
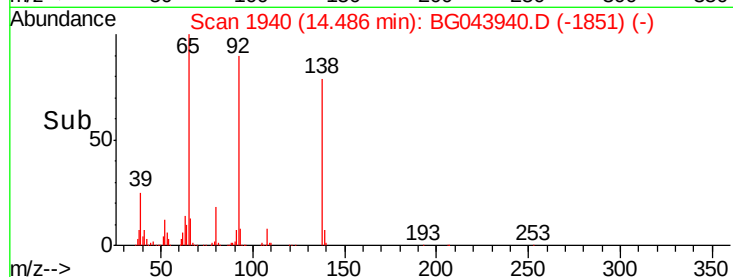
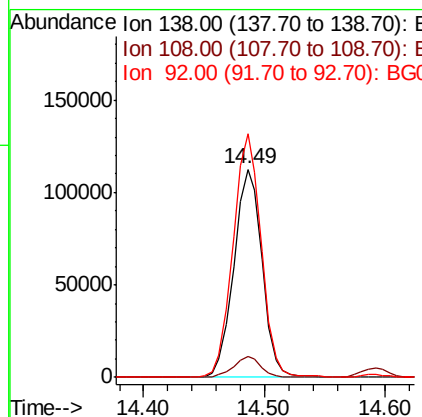
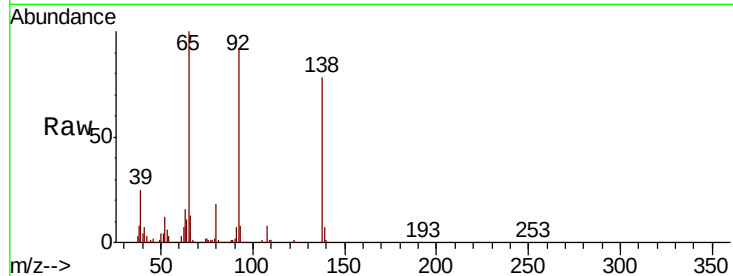
#53
3-Nitroaniline
Concen: 28.745 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Instrument :
BNA_G
ClientSampleId :
IDOC-S-03-CG

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	7.4	11.2
92	116.8	92.1	138.1

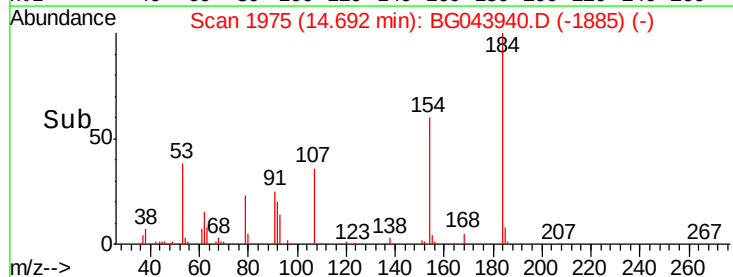
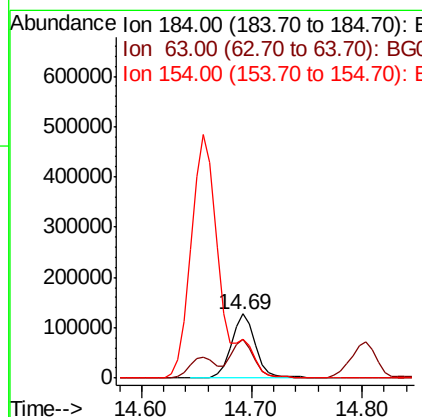
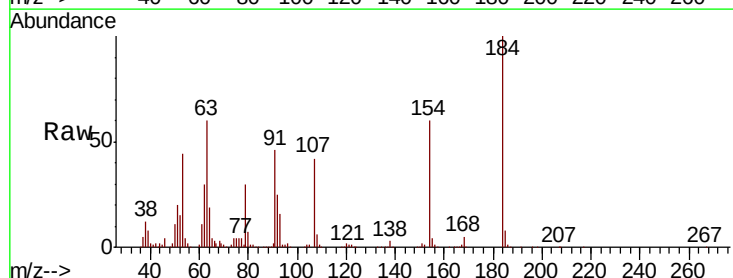
Manual Integrations
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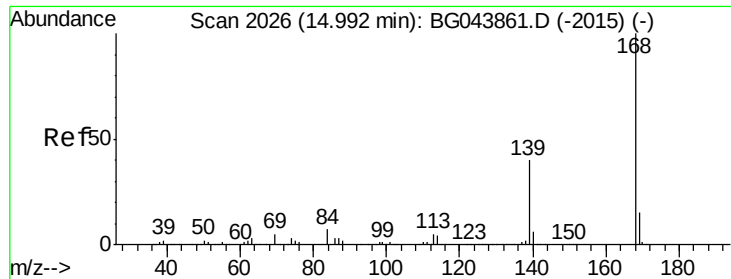
mohammad
1/7/2020 12:30:49 PM



#54
2,4-Dinitrophenol
Concen: 69.699 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.6	46.6	70.0
154	60.1	50.2	75.4





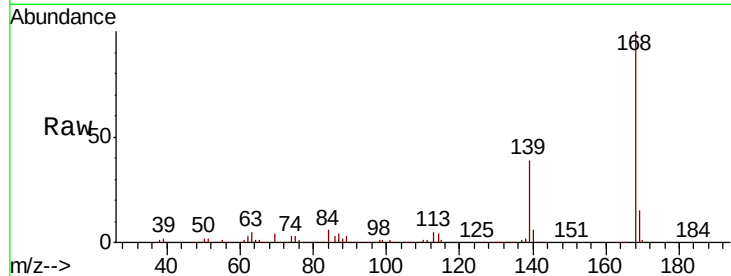
#55
Dibenzenofuran
Concen: 41.851 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Instrument :
BNA_G
ClientSampled :
IDOC-S-03-CG

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	32.2	48.2
169	14.9	12.2	18.2

Manual Integrations
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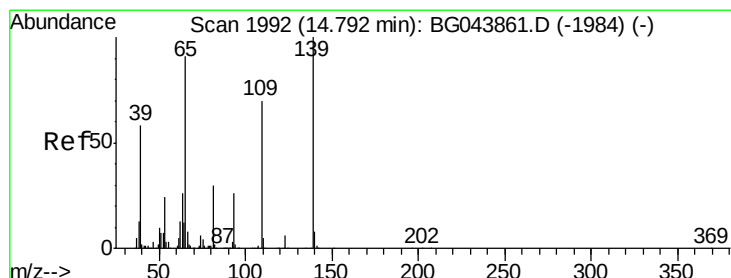
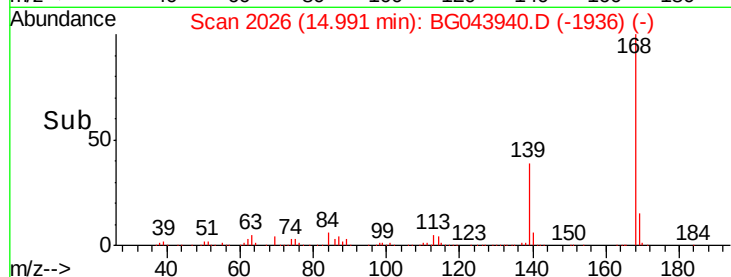
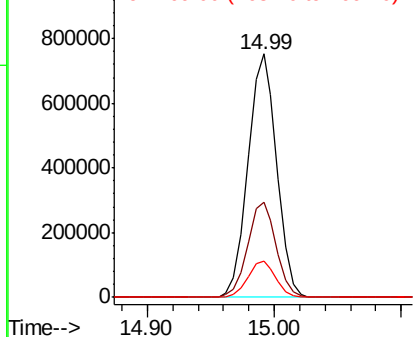


Abundance

Ion 168.00 (167.70 to 168.70): E

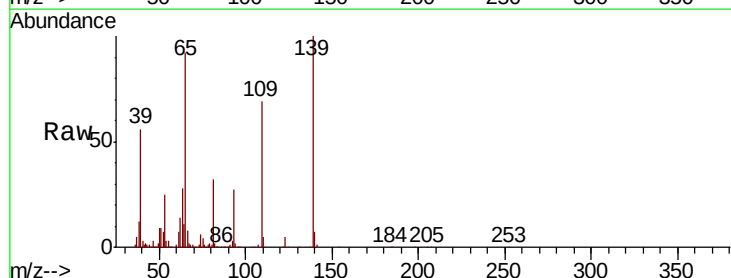
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 89.667 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.9	50.4	90.4
65	91.9	71.4	111.4

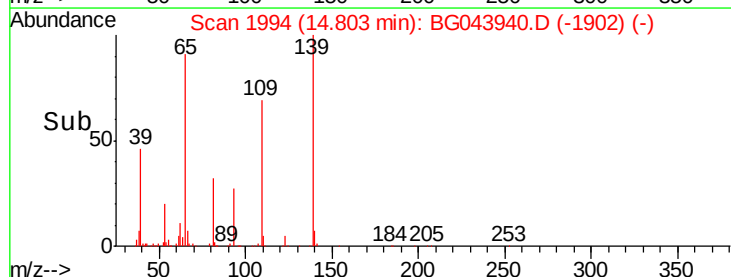
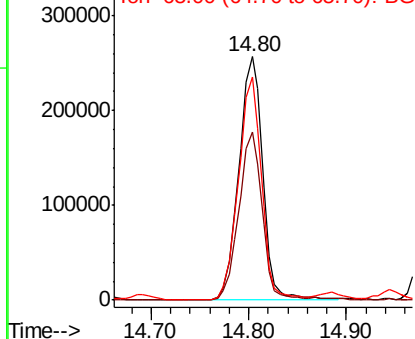


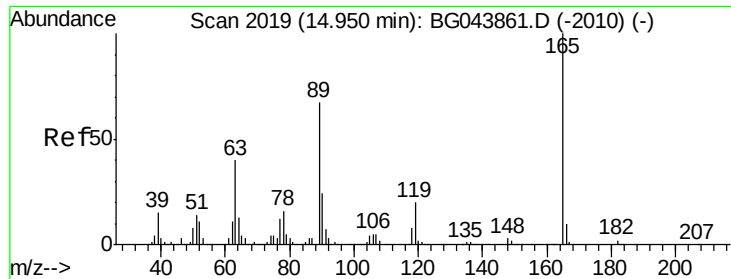
Abundance

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





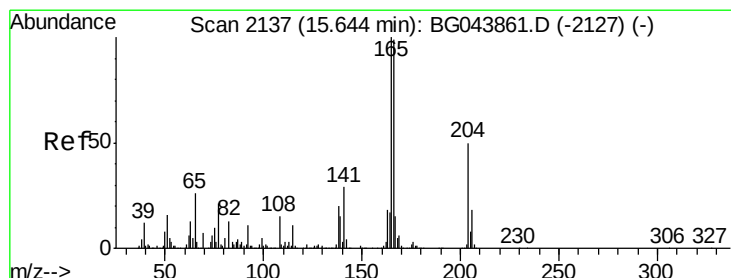
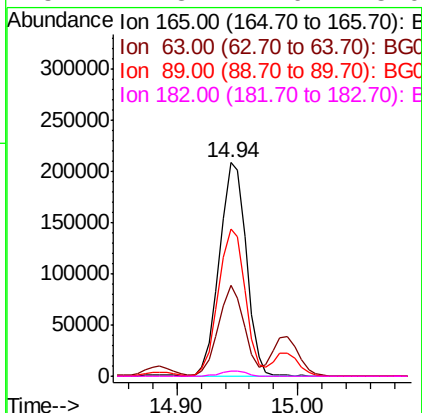
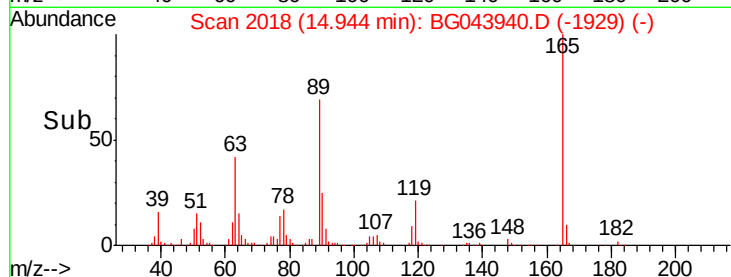
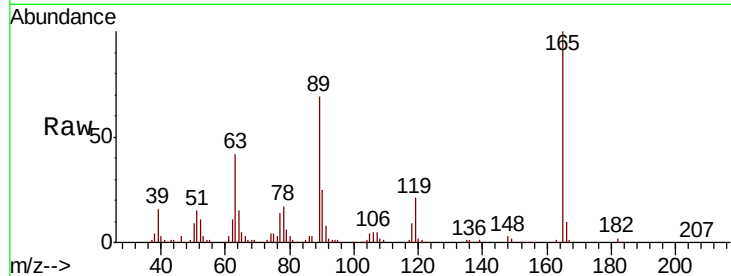
#57
2,4-Dinitrotoluene
Concen: 42.097 ng
RT: 14.94 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Instrument :
BNA_G
ClientSampleId :
IDOC-S-03-CG

Tot Ion	Ratio	Resp	Lower	Upper
165	100	322022		
63	42.4		31.9	47.9
89	69.1		53.8	80.6
182	2.3		2.0	3.0

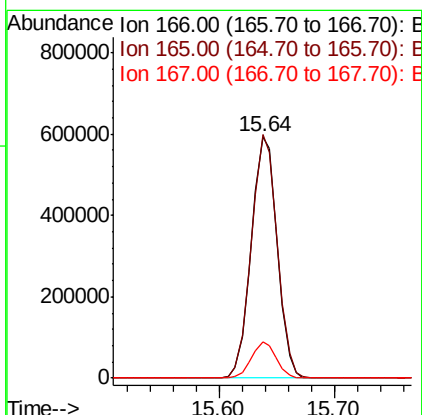
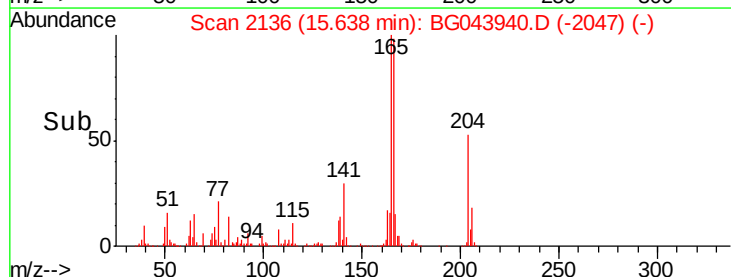
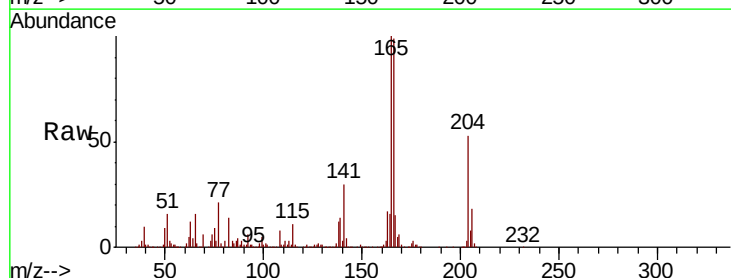
Manual Integrations
APPROVED

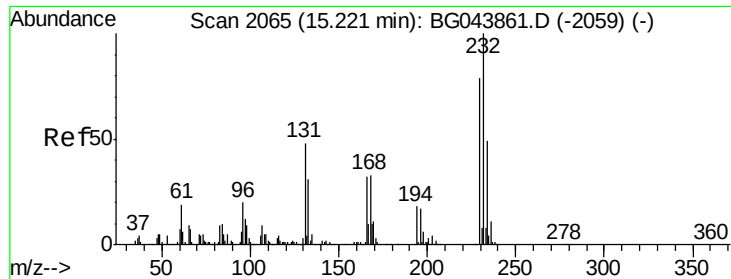
mohammad
1/7/2020 12:30:49 PM



#58
Fluorene
Concen: 41.676 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	930223		
165	100.9		80.8	121.2
167	15.1		12.1	18.1





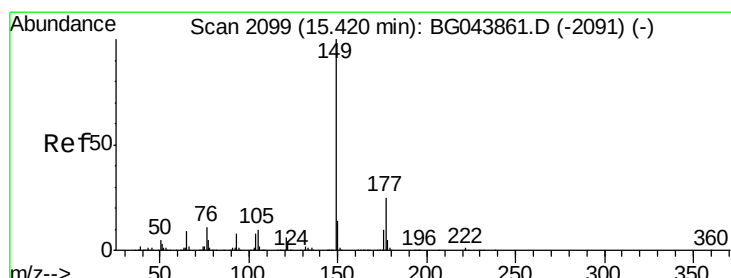
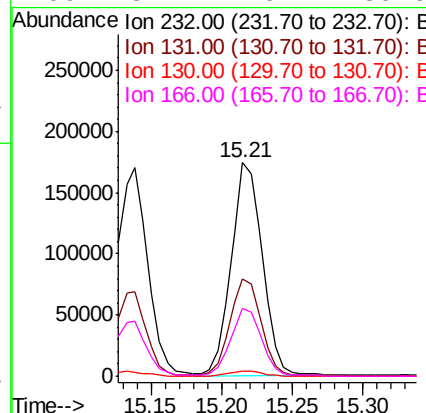
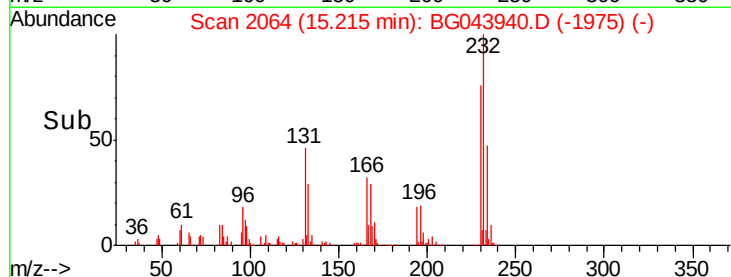
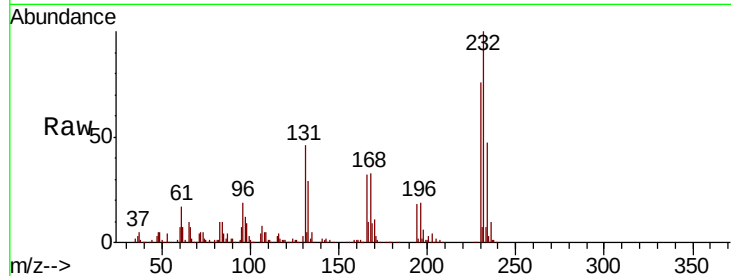
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.603 ng
 RT: 15.21 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG043940.D
 Acq: 6 Jan 2020 20:52

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-S-03-CG

Tot Ion:	232	Resp:	266927
Ion Ratio	Lower	Upper	
232	100		
131	45.7	38.2	57.2
130	2.6	2.2	3.2
166	32.4	26.4	39.6

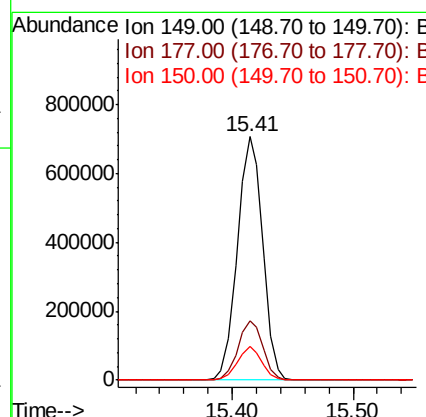
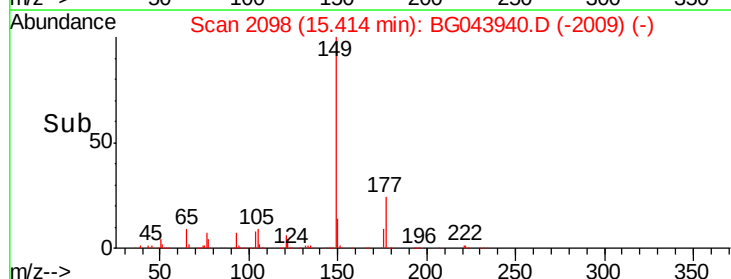
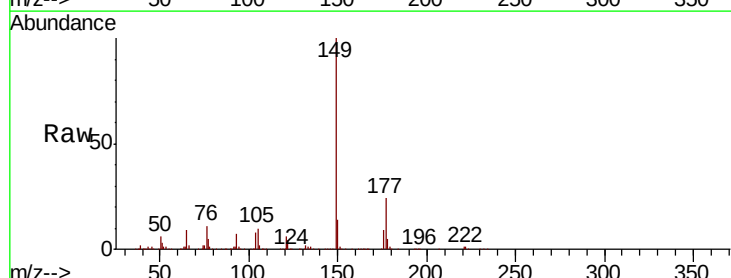
Manual Integrations
 APPROVED

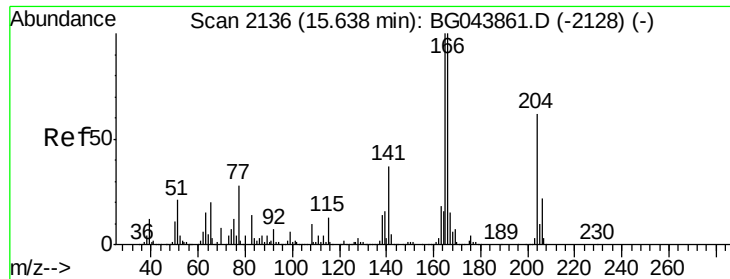
mohammad
 1/7/2020 12:30:49 PM



#60
 Diethylphthalate
 Concen: 41.329 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG043940.D
 Acq: 6 Jan 2020 20:52

Tgt Ion:	149	Resp:	1028146
Ion Ratio	Lower	Upper	
149	100		
177	24.3	20.0	30.0
150	13.6	11.1	16.7





#61

4-Chlorophenyl-phenylether

Concen: 40.268 ng

RT: 15.63 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BG043940.D

Acq: 6 Jan 2020 20:52

Instrument :

BNA_G

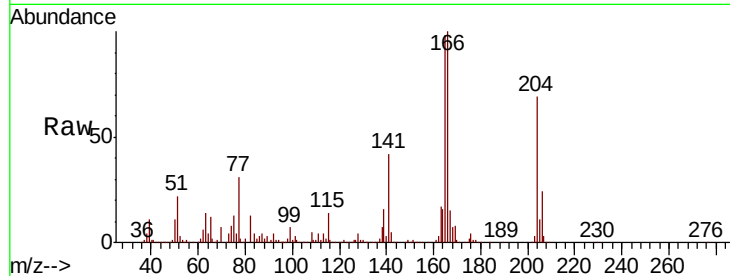
ClientSampleId :

IDOC-S-03-CG

Tot Ion:	204	Resp:	488042
Ion Ratio	Lower	Upper	
204	100		
206	35.1	28.2	42.2
141	60.3	48.2	72.2

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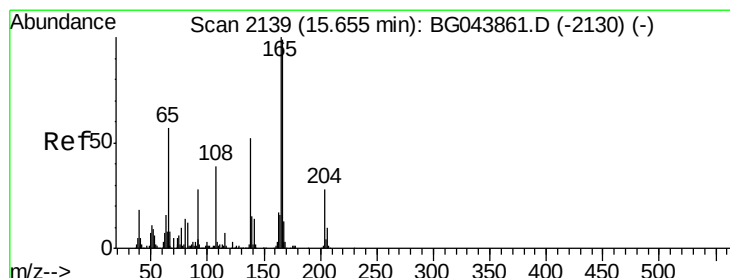
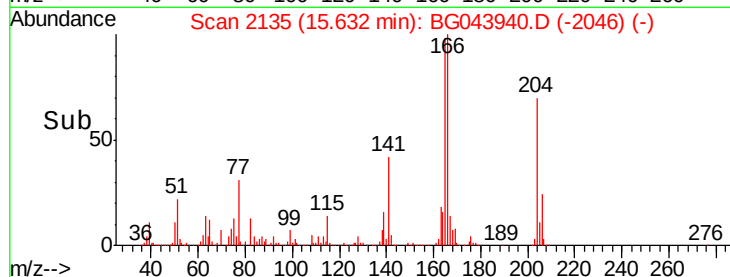
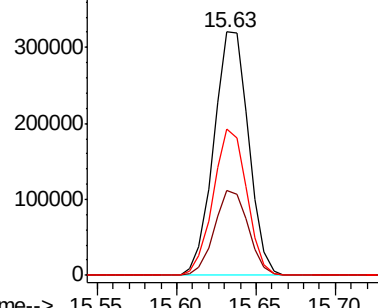


Abundance

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: 39.358 ng

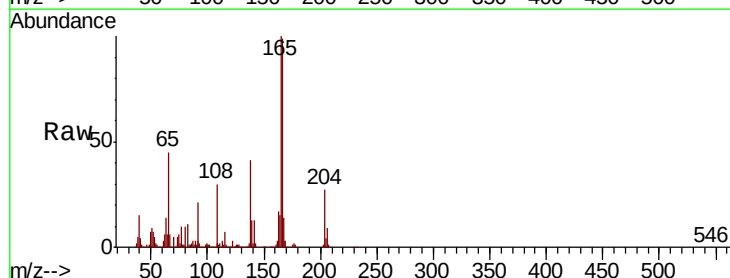
RT: 15.65 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BG043940.D

Acq: 6 Jan 2020 20:52

Tgt Ion:	138	Resp:	248127
Ion Ratio	Lower	Upper	
138	100		
92	51.2	34.3	74.3
108	72.0	55.0	95.0

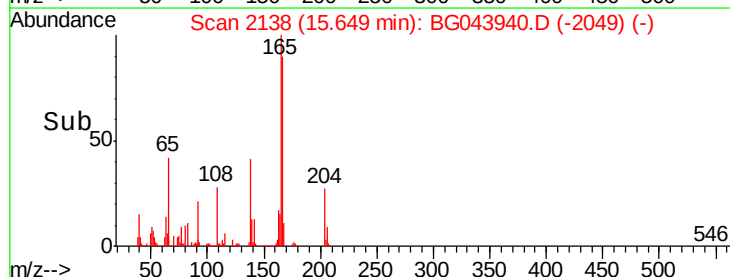
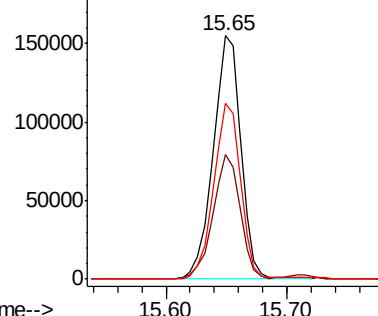


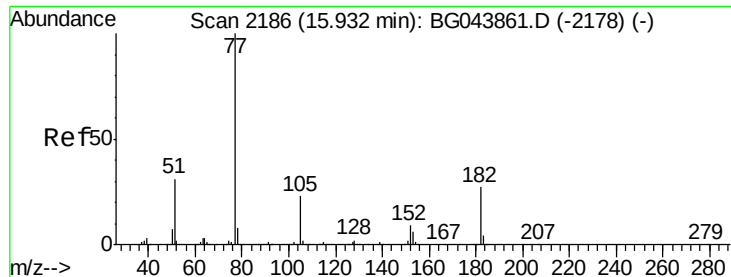
Abundance

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





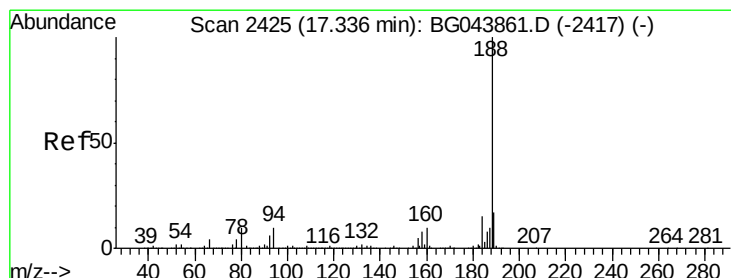
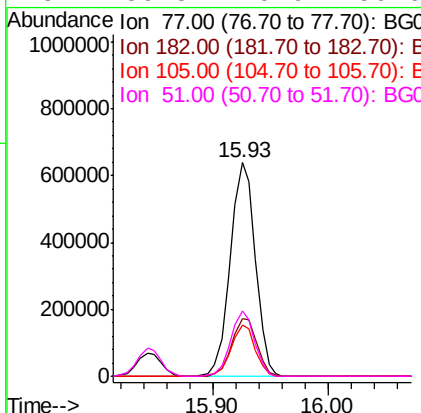
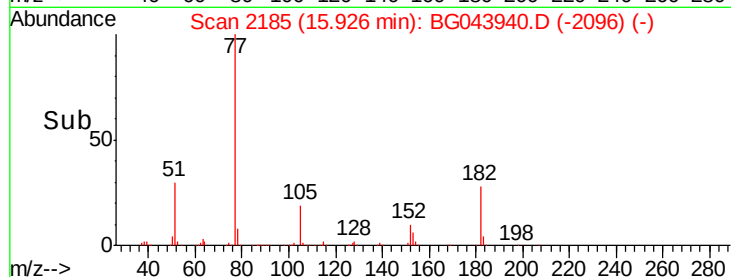
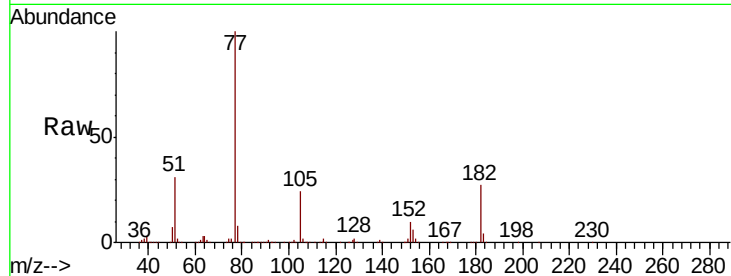
#63
Azobenzene
Concen: 41.363 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Instrument :
BNA_G
ClientSampleId :
IDOC-S-03-CG

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	27.3	7.3	47.3		
105	23.8	3.2	43.2		
51	30.8	10.6	50.6		

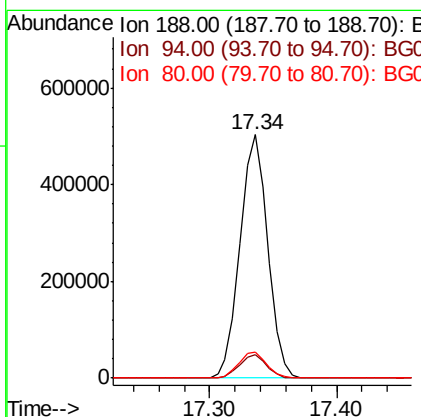
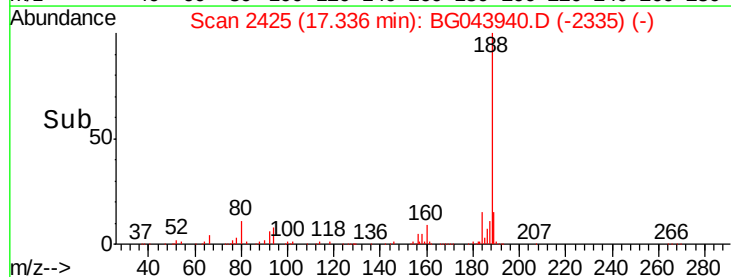
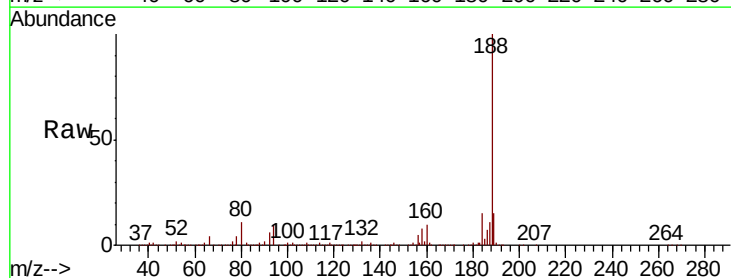
Manual Integrations
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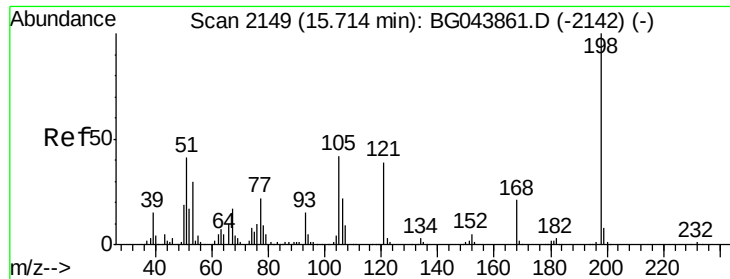
mohammad
1/7/2020 12:30:49 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.7	7.9	11.9		
80	10.8	8.2	12.4		





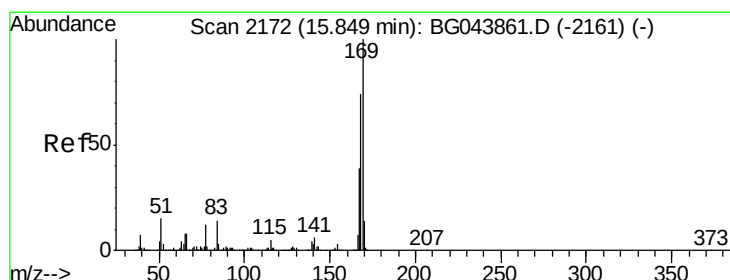
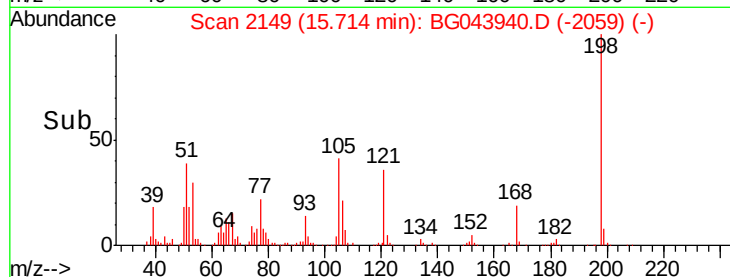
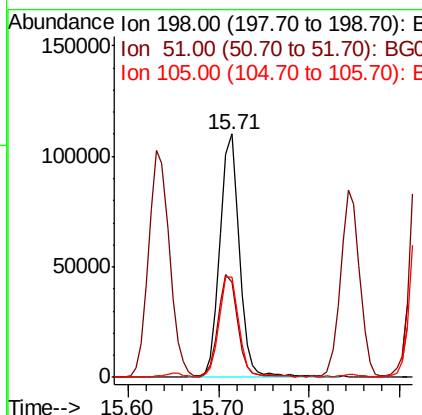
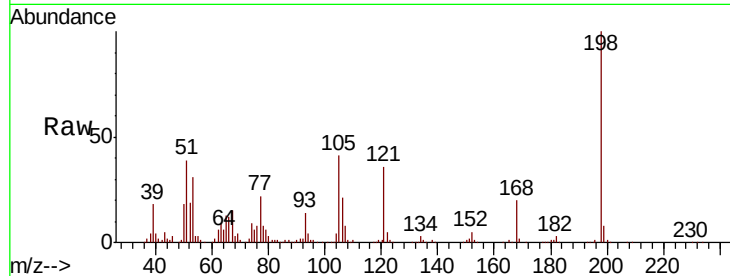
#65
4,6-Dinitro-2-methylphenol
Concen: 42.226 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Instrument :
BNA_G
ClientSampleId :
IDOC-S-03-CG

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.9	22.5	62.5
105	40.9	22.3	62.3

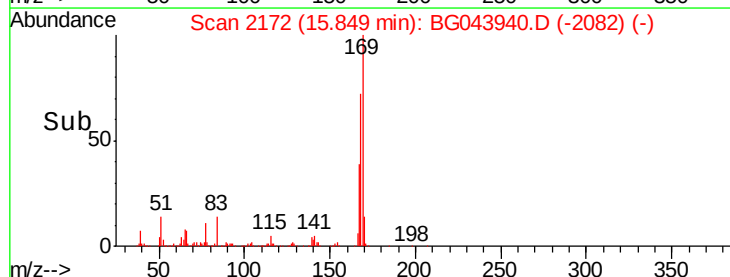
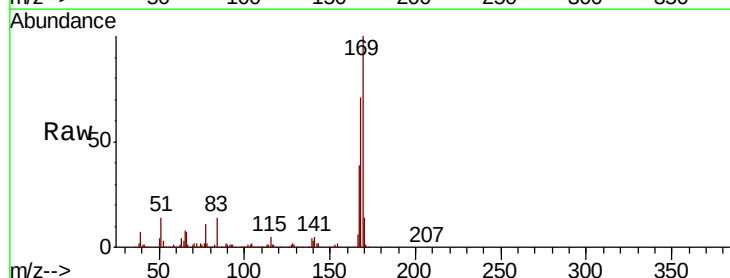
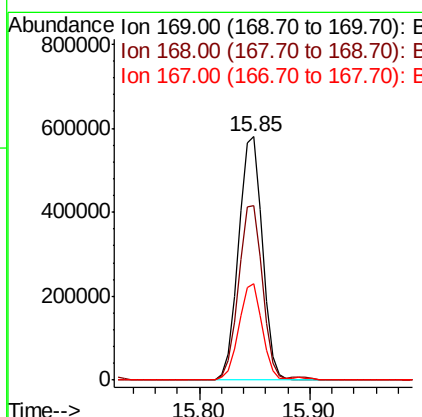
Manual Integrations
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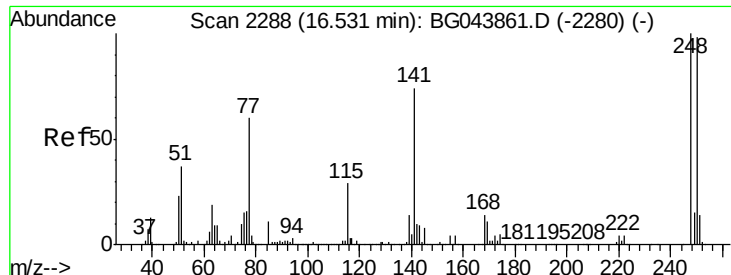
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 39.219 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.5	59.0	88.6
167	39.4	31.4	47.0





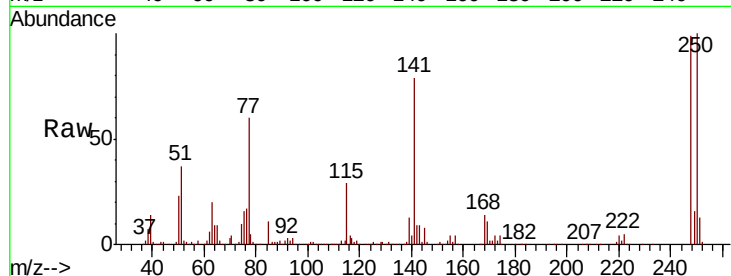
#67
 4-Bromophenyl-phenylether
 Concen: 36.484 ng
 RT: 16.52 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BG043940.D
 Acq: 6 Jan 2020 20:52

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-S-03-CG

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.4	78.2	117.2
141	80.0	59.3	88.9

Manual Integrations
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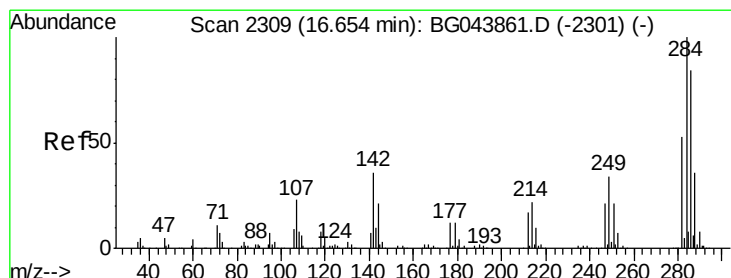
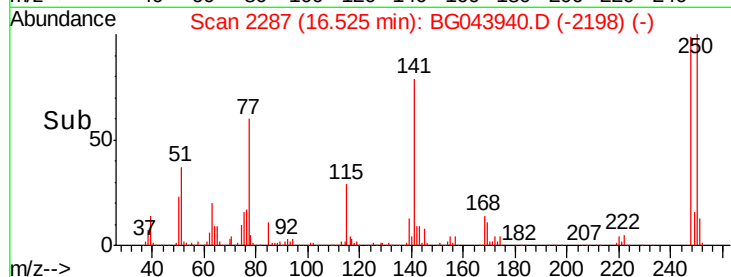
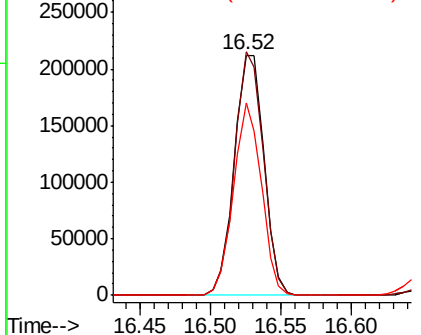


Abundance

Ion 248.00 (247.70 to 248.70): E

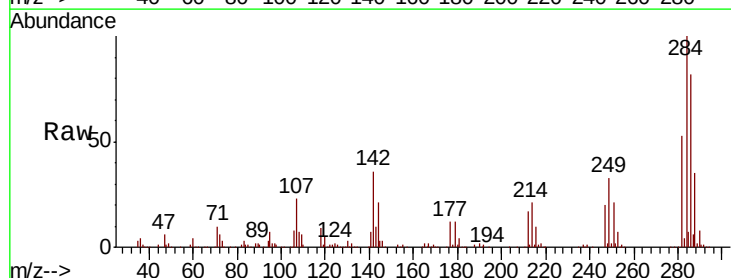
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 37.061 ng
 RT: 16.65 min Scan# 2308
 Delta R.T. -0.01 min
 Lab File: BG043940.D
 Acq: 6 Jan 2020 20:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.5	28.6	43.0
249	32.6	27.0	40.6

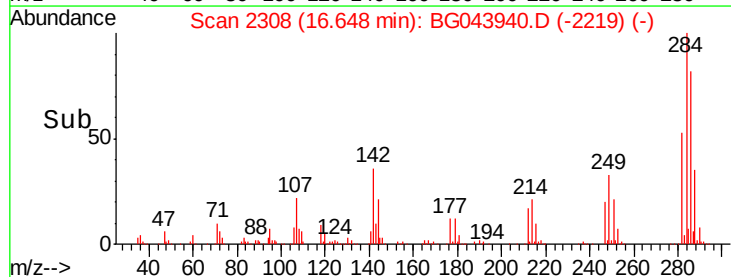
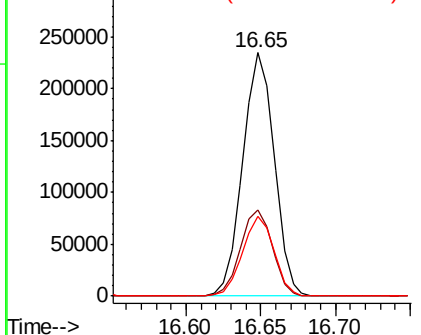


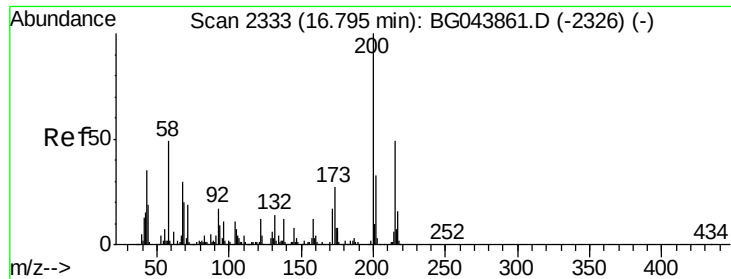
Abundance

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





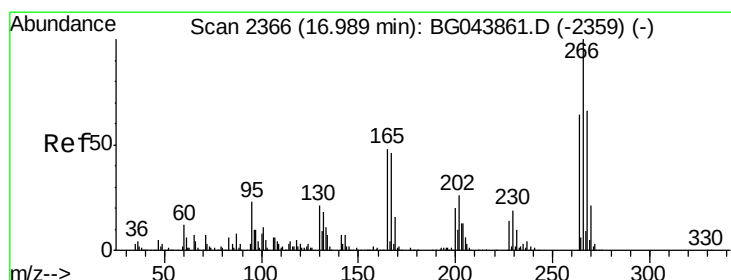
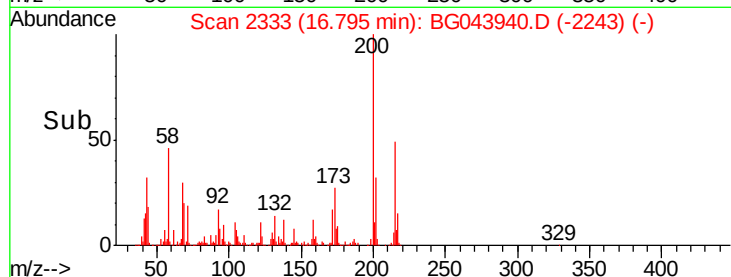
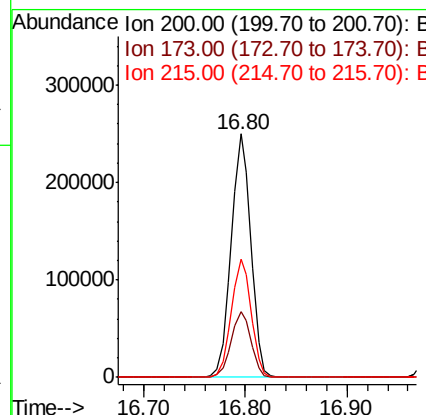
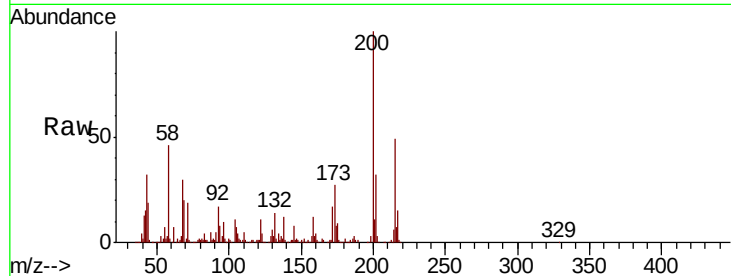
#69
Atrazine
Concen: 46.070 ng
RT: 16.80 min Scan# 2333
Delta R.T. -0.00 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Instrument :
BNA_G
ClientSampleId :
IDOC-S-03-CG

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.6	46.6
215	48.8	28.6	68.6

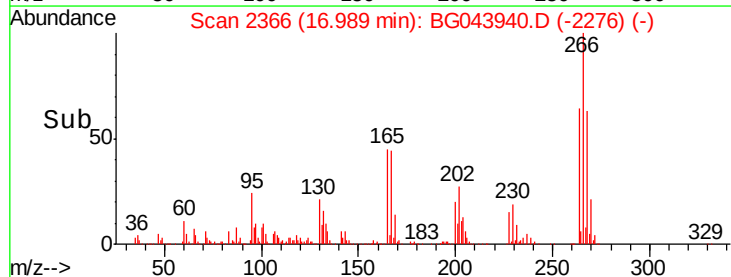
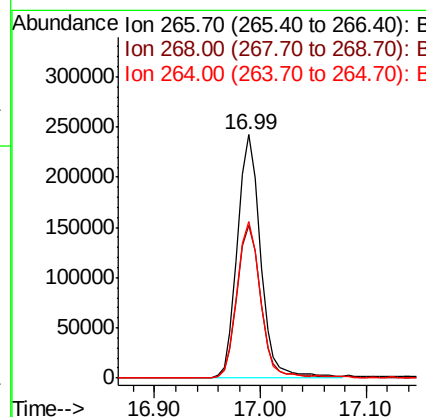
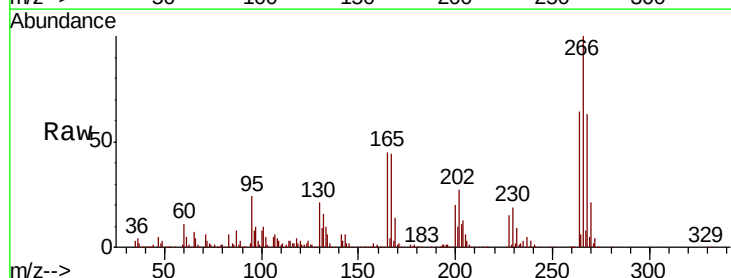
Manual Integrations
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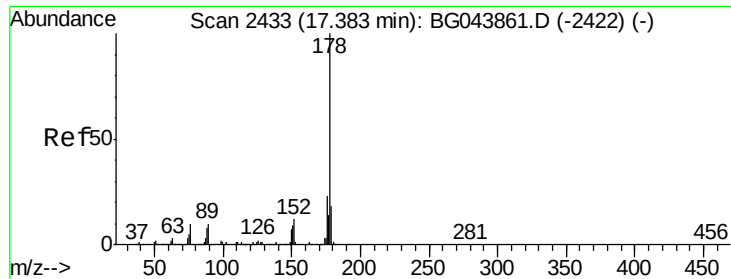
mohammad
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#70
Pentachlorophenol
Concen: 72.320 ng
RT: 16.99 min Scan# 2366
Delta R.T. -0.00 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	52.6	79.0
264	64.1	50.8	76.2





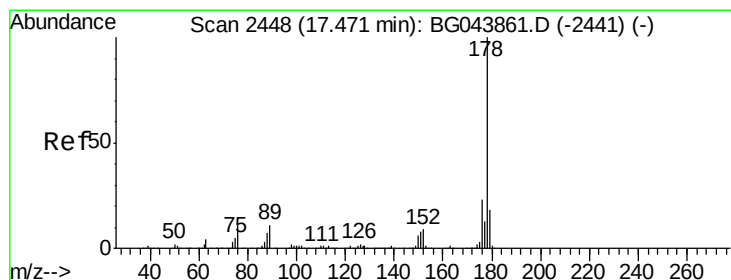
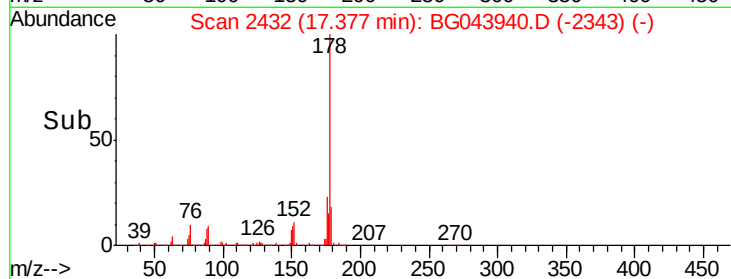
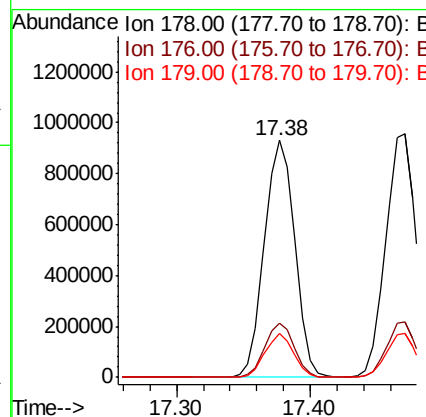
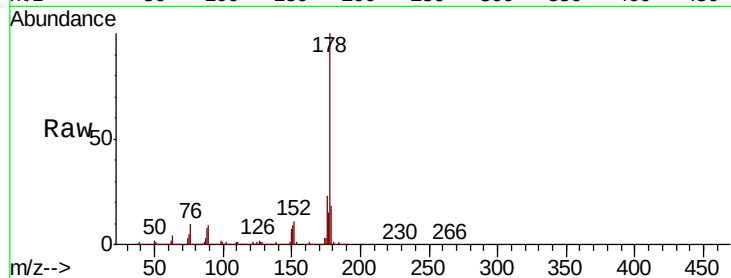
#71
Phenanthrene
Concen: 40.074 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Instrument :
BNA_G
ClientSampleId :
IDOC-S-03-CG

Tot Ion	Ratio	Lower	Upper
178	100		
176	23.1	18.6	28.0
179	18.3	14.4	21.6

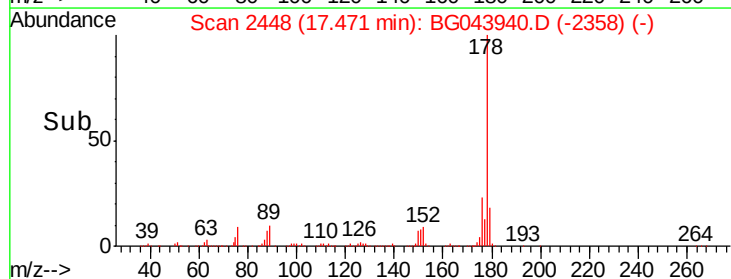
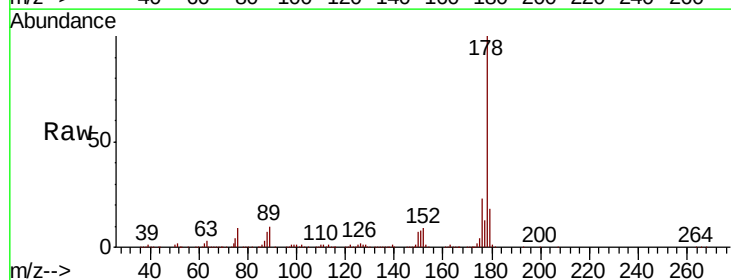
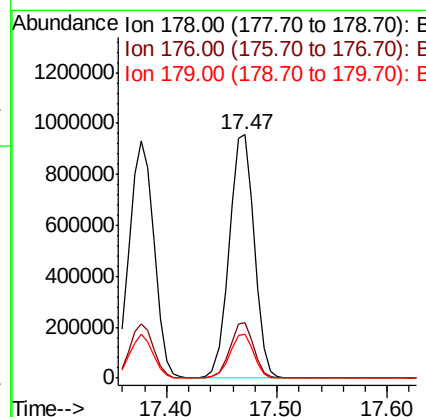
Manual Integrations
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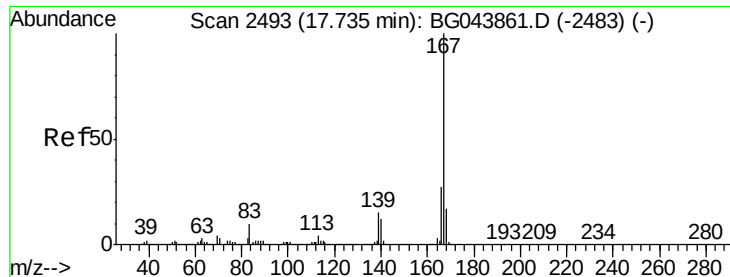
mohammad
1/7/2020 12:30:49 PM



#72
Anthracene
Concen: 41.770 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.8	18.3	27.5
179	18.2	14.6	22.0





#73

Carbazole

Concen: 41.783 ng

RT: 17.74 min Scan# 2493

Delta R.T. -0.00 min

Lab File: BG043940.D

Acq: 6 Jan 2020 20:52

Instrument :

BNA_G

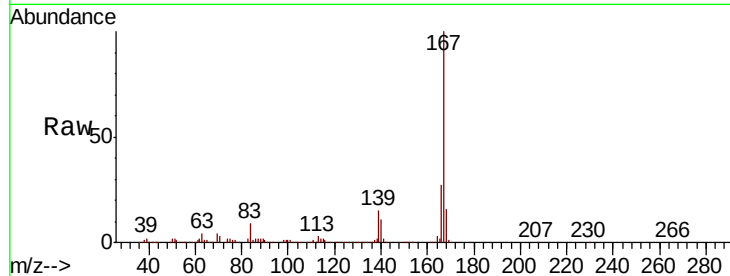
ClientSampleId :

IDOC-S-03-CG

Tot Ion	Ratio	Lower	Upper
167	100		
166	26.7	21.6	32.4
139	14.7	12.1	18.1

Manual Integrations
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1/7/2020 12:30:49 PM

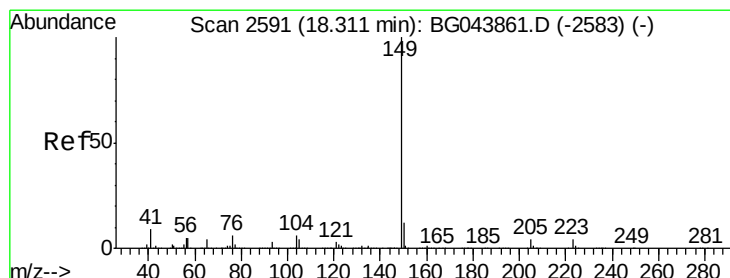
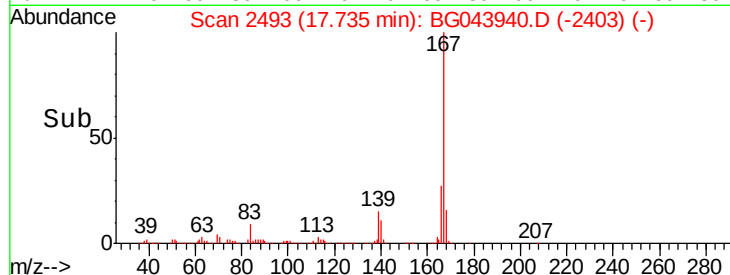
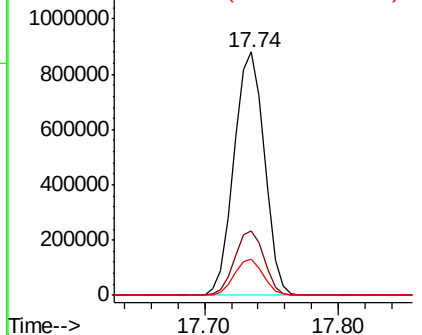


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.840 ng

RT: 18.31 min Scan# 2590

Delta R.T. -0.01 min

Lab File: BG043940.D

Acq: 6 Jan 2020 20:52

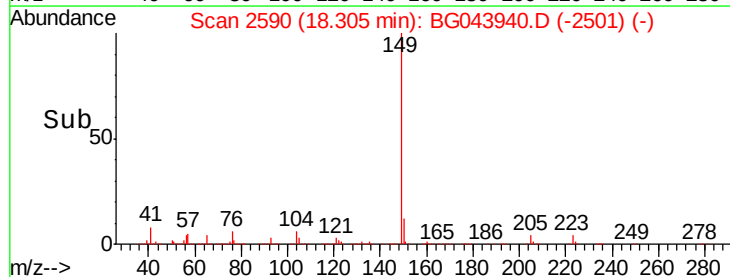
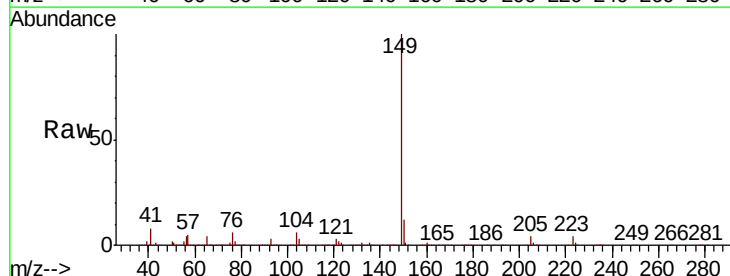
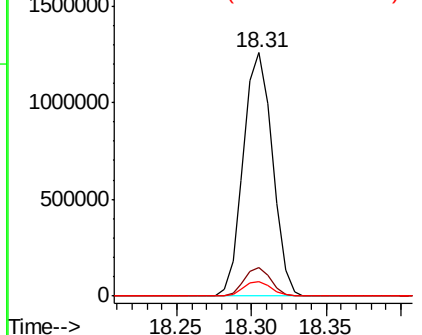
Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.6	9.7	14.5
104	5.8	5.0	7.4

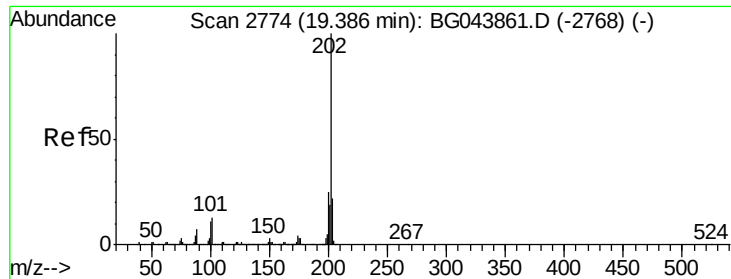
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.611 ng

RT: 19.39 min Scan# 2774

Delta R.T. -0.00 min

Lab File: BG043940.D

Acq: 6 Jan 2020 20:52

Instrument :

BNA_G

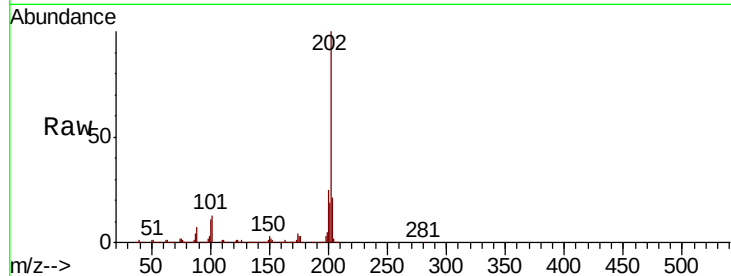
ClientSampleId :

IDOC-S-03-CG

Tot Ion:	202	Resp:	1700363
Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.3
203	21.2	1.6	41.6

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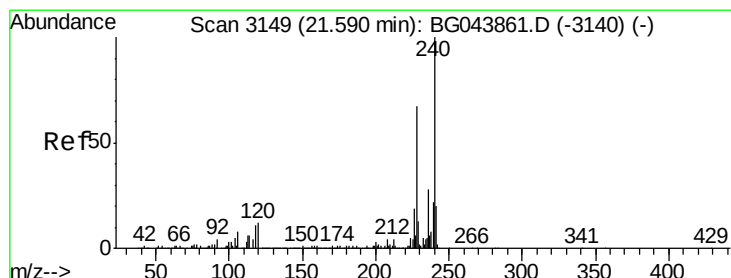
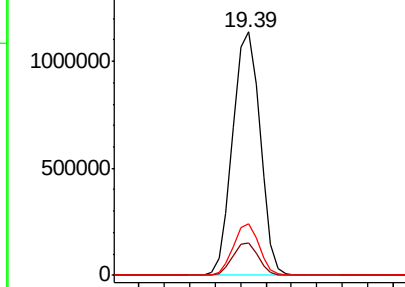
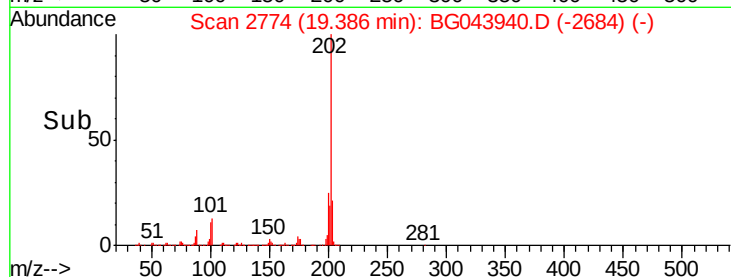


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

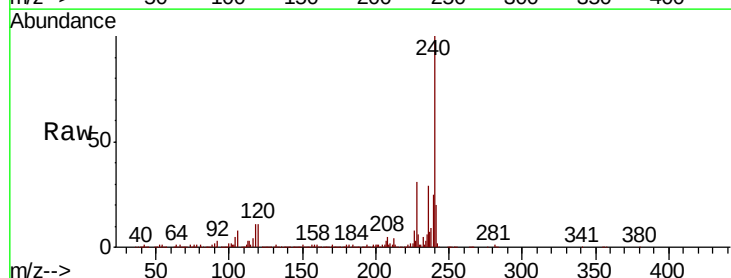
RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG043940.D

Acq: 6 Jan 2020 20:52

Tgt Ion:	240	Resp:	659764
Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.6	14.4
236	28.8	22.2	33.2

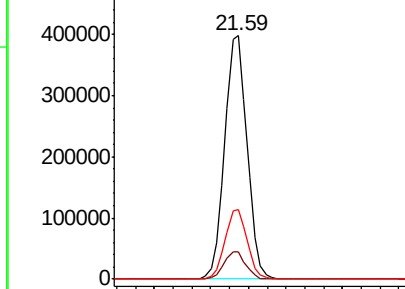
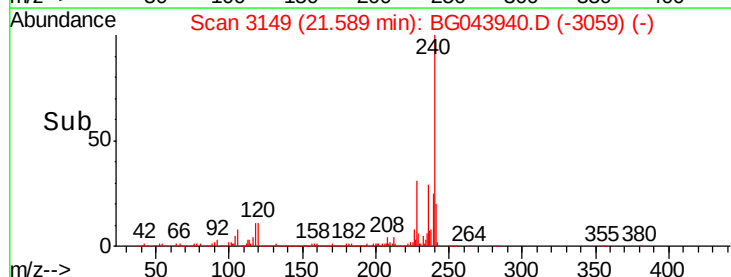


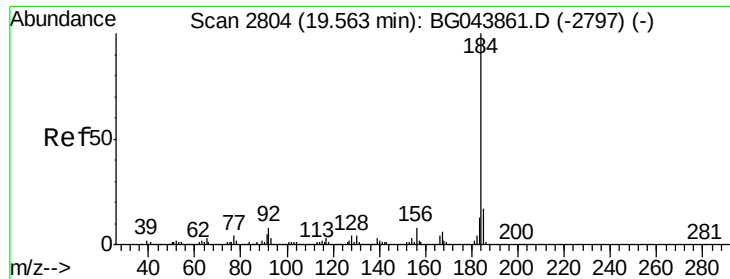
Abundance

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: 55.639 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BG043940.D

Acq: 6 Jan 2020 20:52

Instrument :

BNA_G

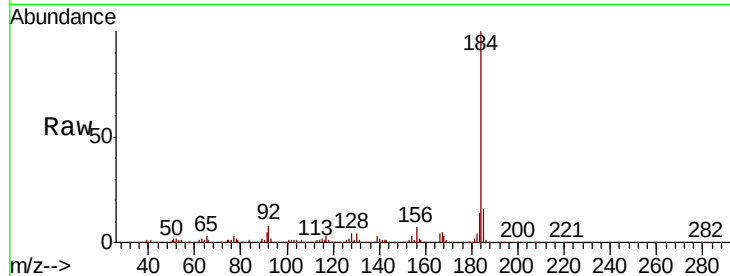
ClientSampleId :

IDOC-S-03-CG

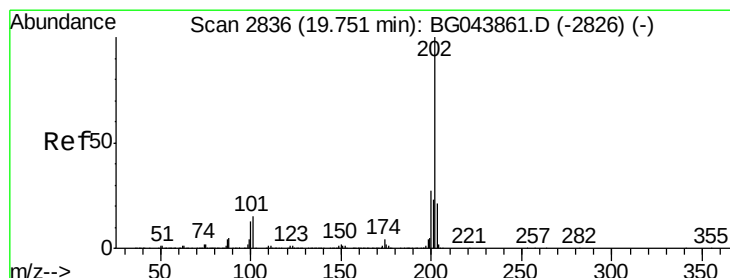
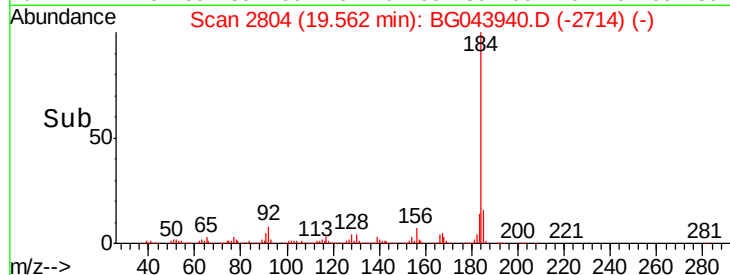
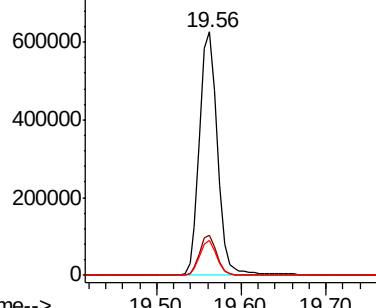
Tot Ion:	184	Resp:	922687
Ion Ratio	Lower	Upper	
184	100		
185	16.4	13.4	20.0
183	14.3	10.6	15.8

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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



#78

Pyrene

Concen: 39.573 ng

RT: 19.74 min Scan# 2835

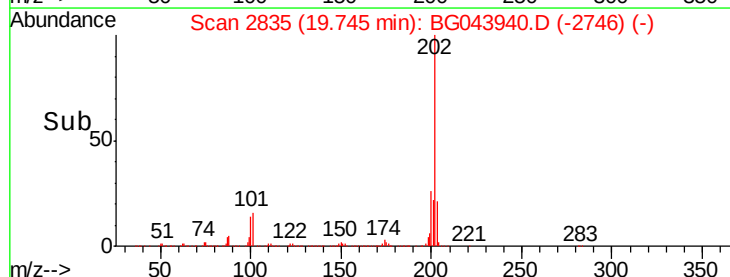
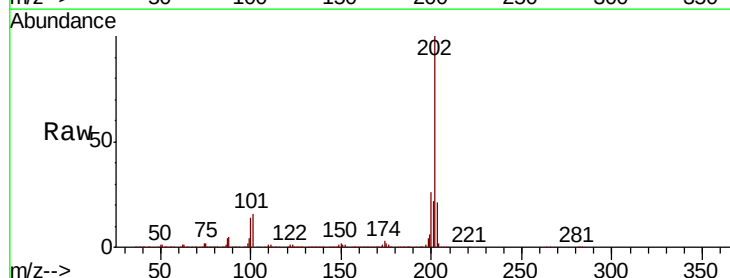
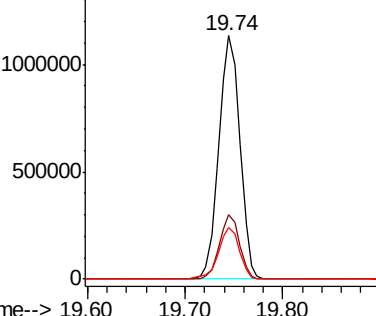
Delta R.T. -0.01 min

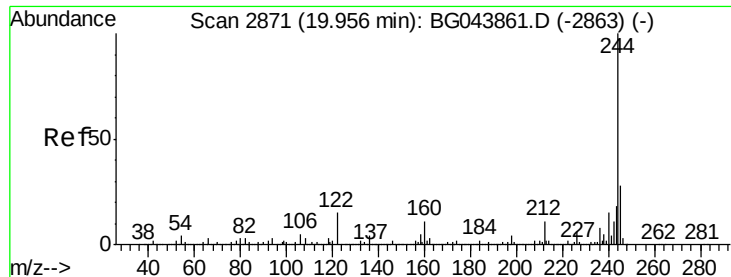
Lab File: BG043940.D

Acq: 6 Jan 2020 20:52

Tgt Ion:	202	Resp:	1704224
Ion Ratio	Lower	Upper	
202	100		
200	26.5	21.7	32.5
203	21.4	17.0	25.6

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.687 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG043940.D

Acq: 6 Jan 2020 20:52

Instrument :

BNA_G

ClientSampleId :

IDOC-S-03-CG

Tot Ion:244 Resp: 2217518

Ion Ratio Lower Upper

244 100

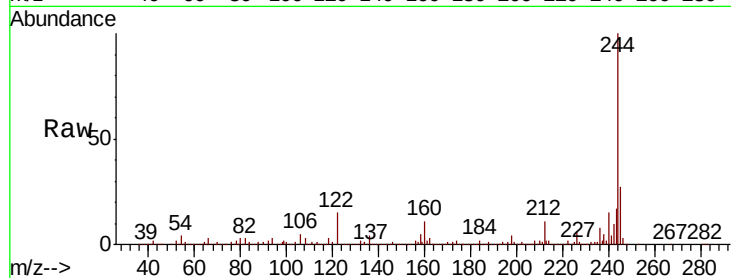
212 10.9 8.6 13.0

122 15.0 11.9 17.9

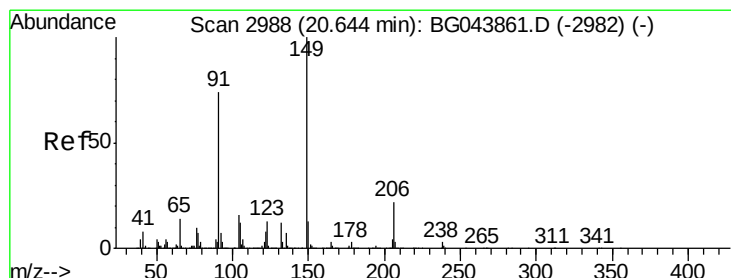
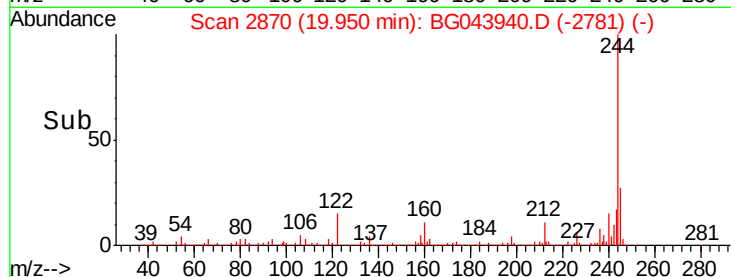
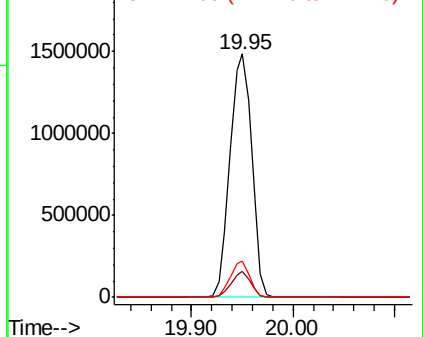
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.132 ng

RT: 20.64 min Scan# 2987

Delta R.T. -0.01 min

Lab File: BG043940.D

Acq: 6 Jan 2020 20:52

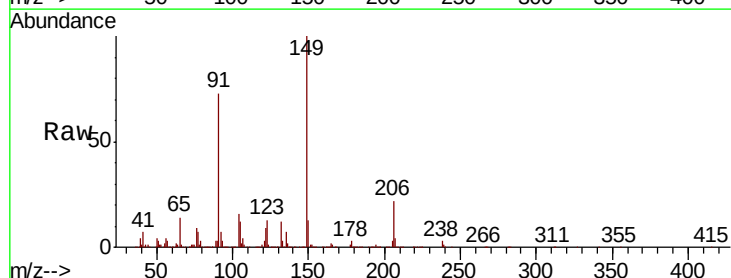
Tgt Ion:149 Resp: 802325

Ion Ratio Lower Upper

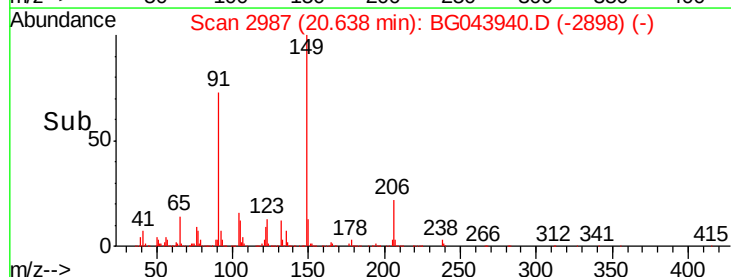
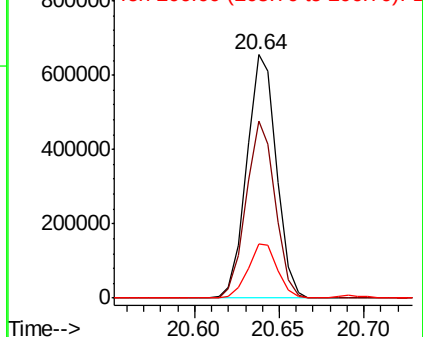
149 100

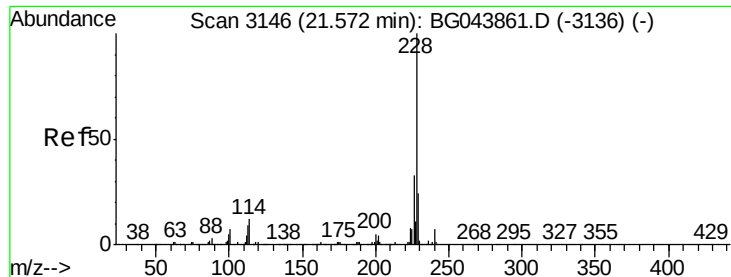
91 72.9 59.5 89.3

206 22.1 17.8 26.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.391 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG043940.D

Acq: 6 Jan 2020 20:52

Instrument :

BNA_G

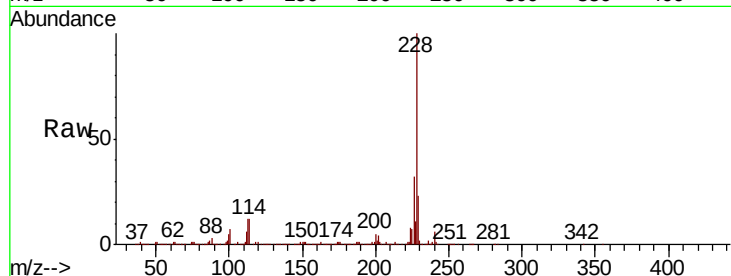
ClientSampleId :

IDOC-S-03-CG

Tot Ion:	228	Resp:	1652382
Ion	Ratio	Lower	Upper
228	100		
226	32.1	26.2	39.4
229	22.9	18.9	28.3

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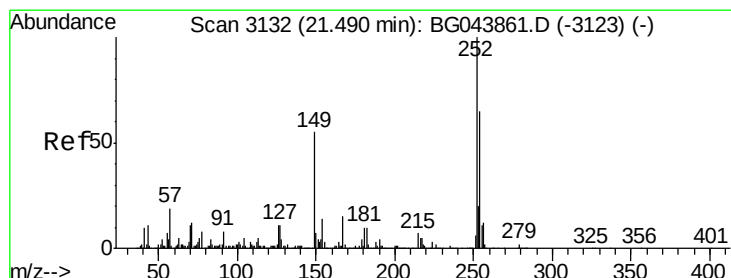
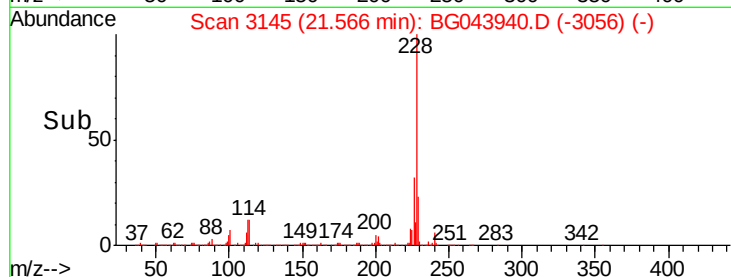
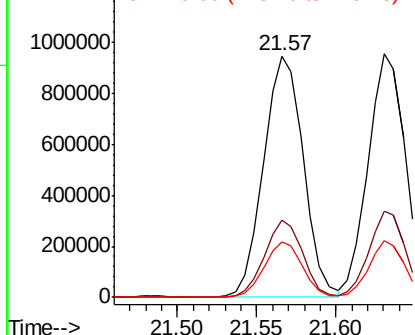


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.989 ng

RT: 21.48 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG043940.D

Acq: 6 Jan 2020 20:52

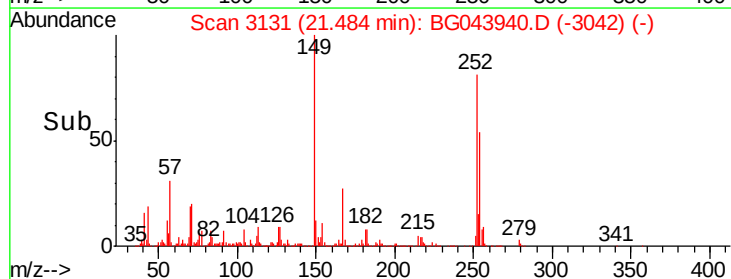
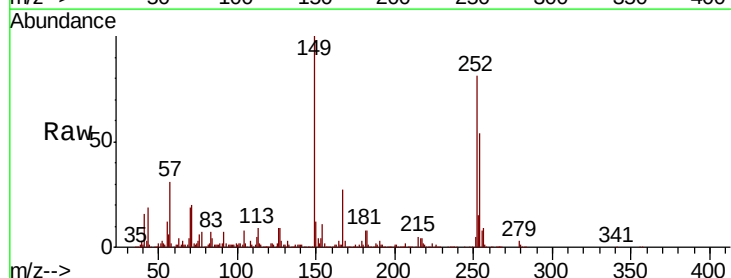
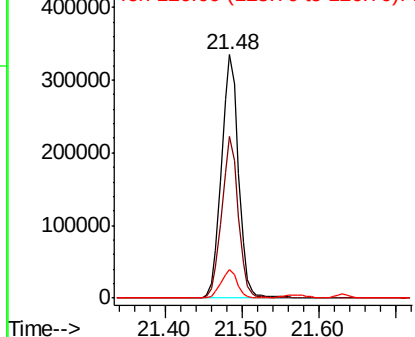
Tgt Ion:	252	Resp:	517020
Ion	Ratio	Lower	Upper
252	100		
254	66.2	52.1	78.1
126	11.6	9.1	13.7

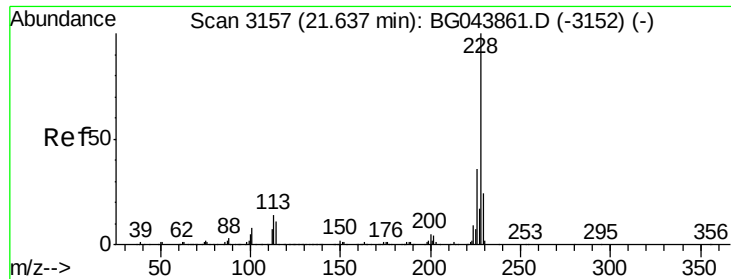
Abundance

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





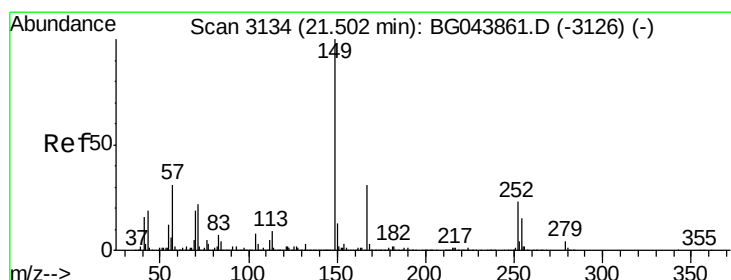
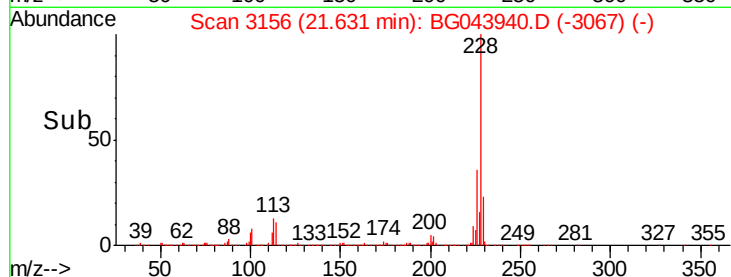
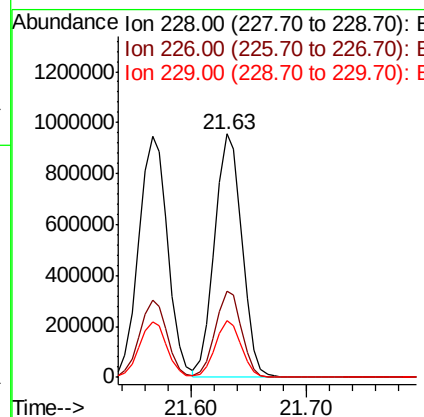
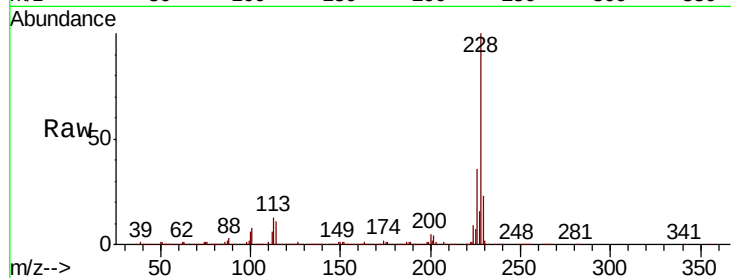
#83
Chrysene
Concen: 40.341 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Instrument :
BNA_G
ClientSampleId :
IDOC-S-03-CG

Tot Ion:228 Resp: 1568176
Ion Ratio Lower Upper
228 100
226 35.6 28.8 43.2
229 23.4 19.0 28.6

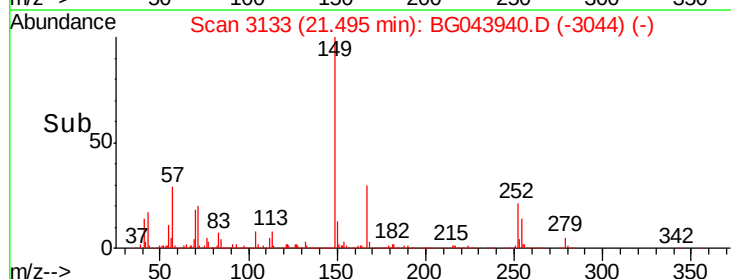
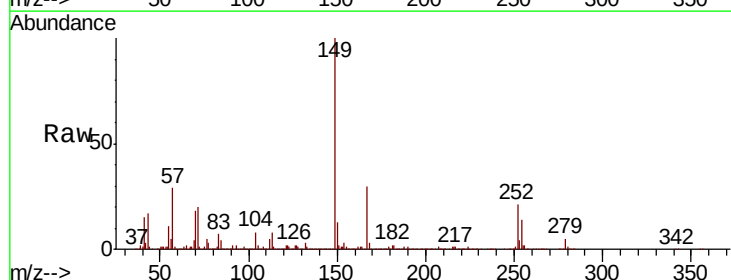
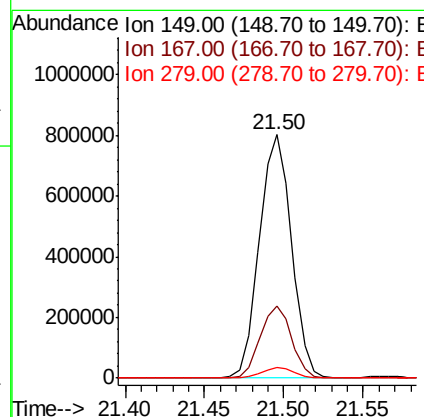
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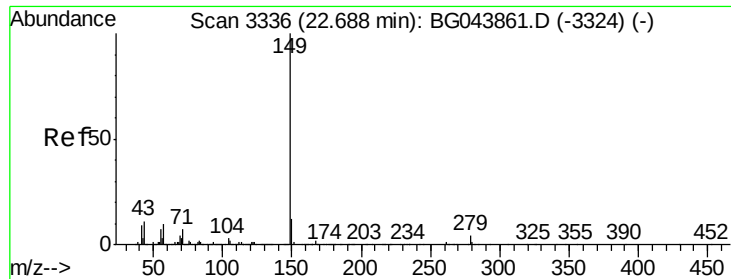
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.973 ng
RT: 21.50 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Tgt Ion:149 Resp: 1130839
Ion Ratio Lower Upper
149 100
167 29.6 24.7 37.1
279 4.6 3.3 4.9





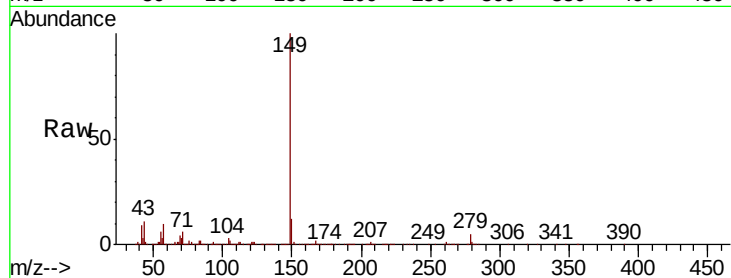
#85
Di-n-octyl phthalate
Concen: 41.059 ng
RT: 22.68 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Instrument :
BNA_G
ClientSampleId :
IDOC-S-03-CG

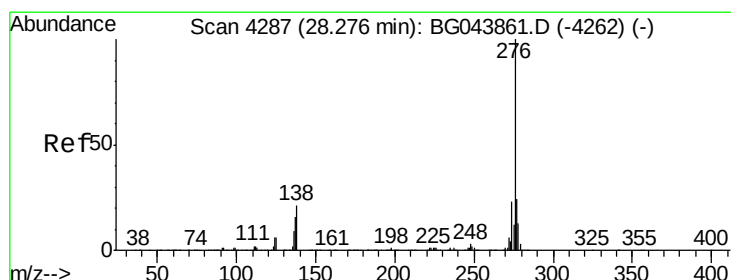
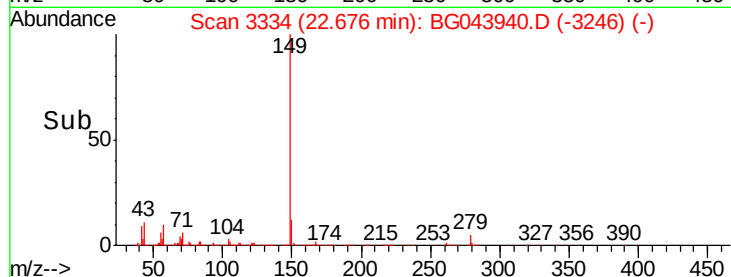
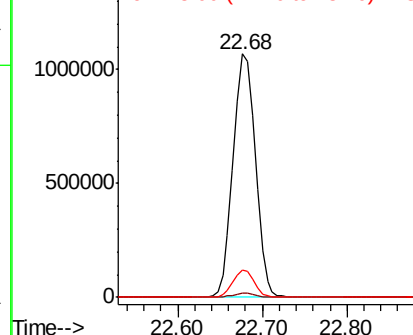
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	10.5	8.8	13.2

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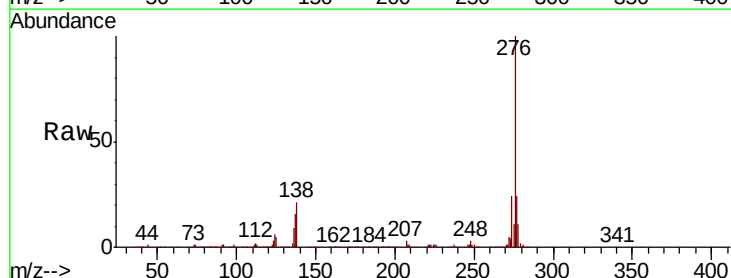


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

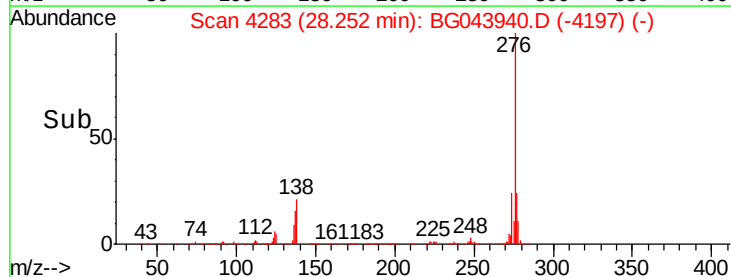
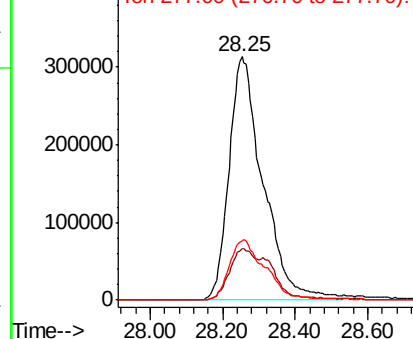


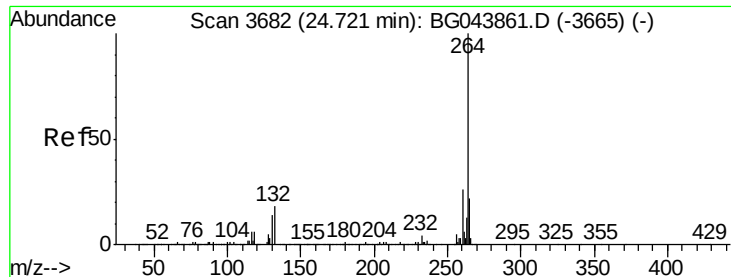
#86
Indeno(1,2,3-cd)pyrene
Concen: 38.506 ng
RT: 28.25 min Scan# 4283
Delta R.T. -0.02 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.5	21.0	31.4#
277	26.3	21.1	31.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.71 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG043940.D

Acq: 6 Jan 2020 20:52

Instrument :

BNA_G

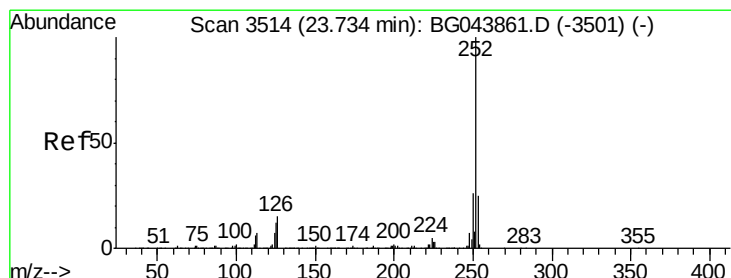
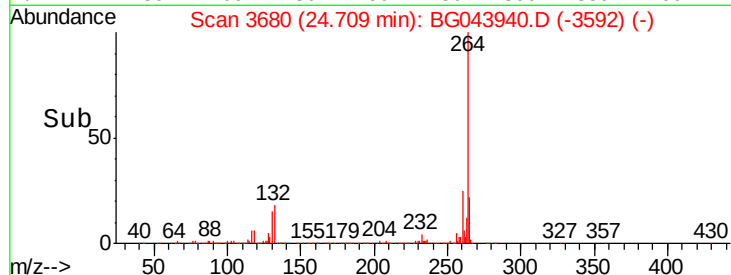
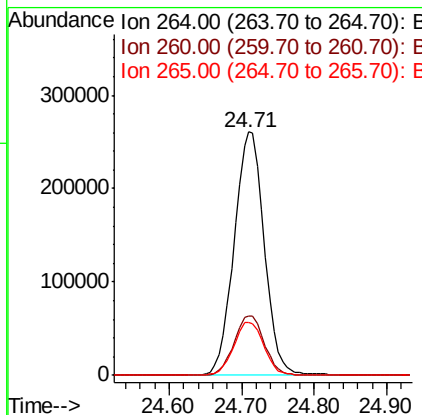
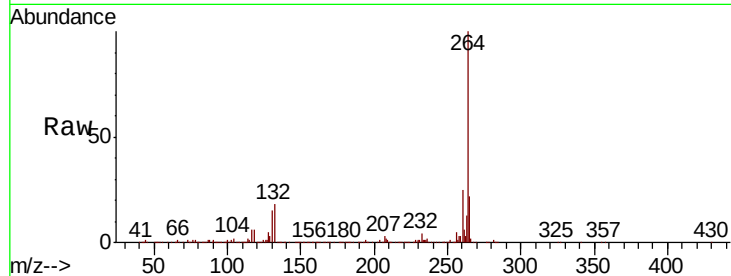
ClientSampleId :

IDOC-S-03-CG

Tot Ion:	264	Resp:	751937
Ion Ratio		Lower	Upper
264	100		
260	24.5	20.4	30.6
265	21.8	17.4	26.2

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#88

Benzo(b)fluoranthene

Concen: 39.293 ng

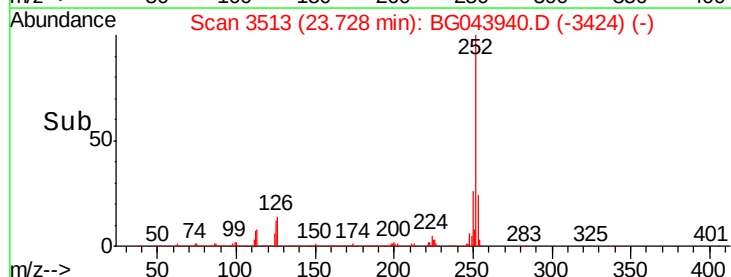
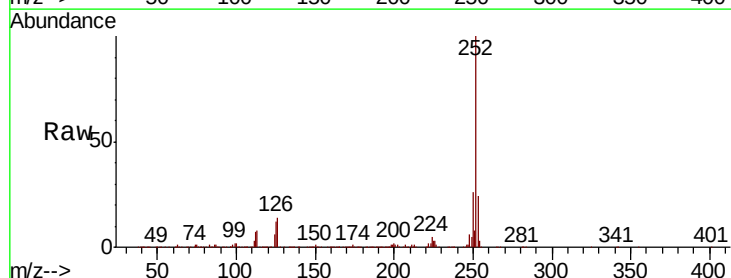
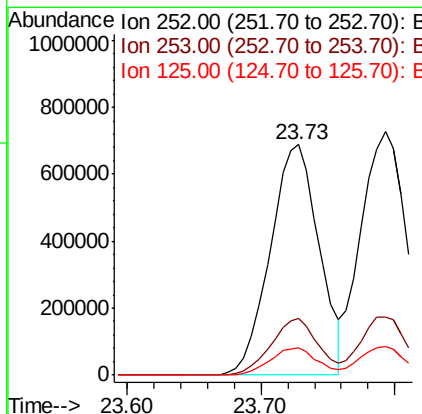
RT: 23.73 min Scan# 3513

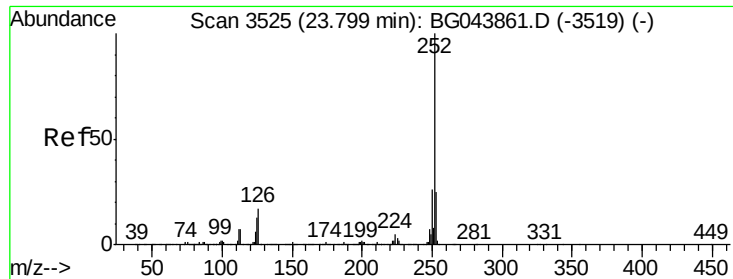
Delta R.T. -0.01 min

Lab File: BG043940.D

Acq: 6 Jan 2020 20:52

Tgt Ion:	252	Resp:	1746699
Ion Ratio		Lower	Upper
252	100		
253	24.4	19.7	29.5
125	11.6	9.4	14.2





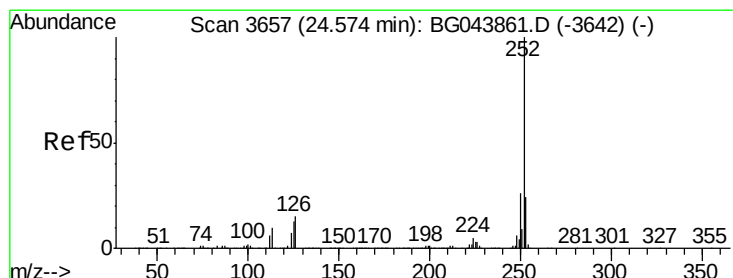
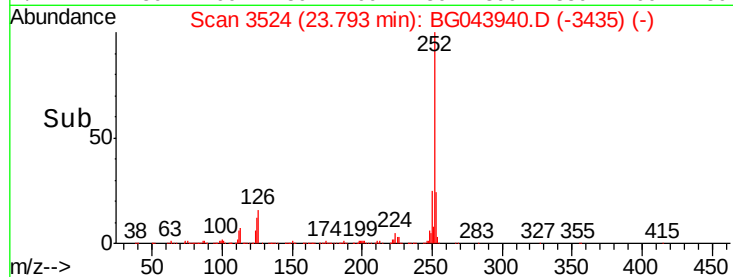
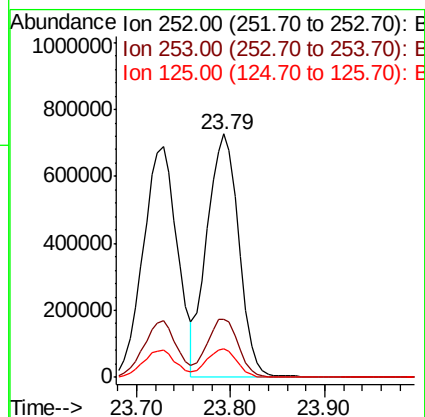
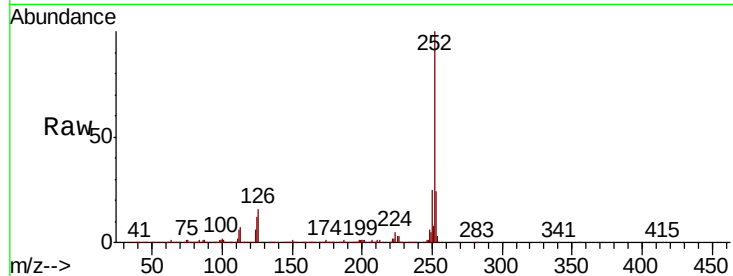
#89
Benzo(k)fluoranthene
Concen: 40.676 ng
RT: 23.79 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Instrument :
BNA_G
ClientSampleId :
IDOC-S-03-CG

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.4	29.2
125	11.9	9.9	14.9

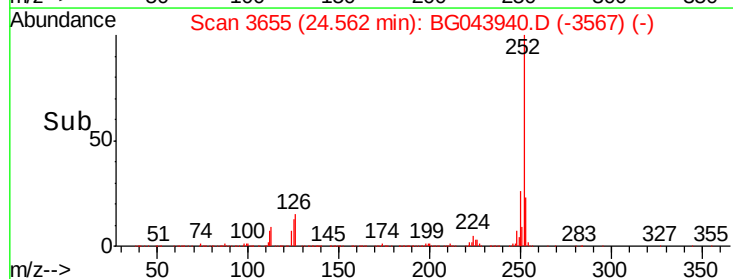
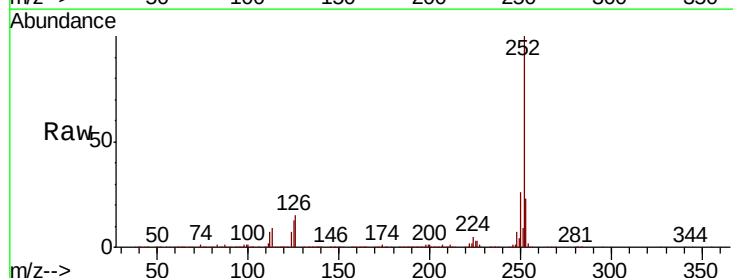
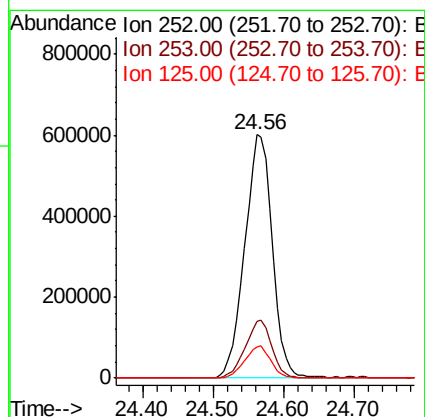
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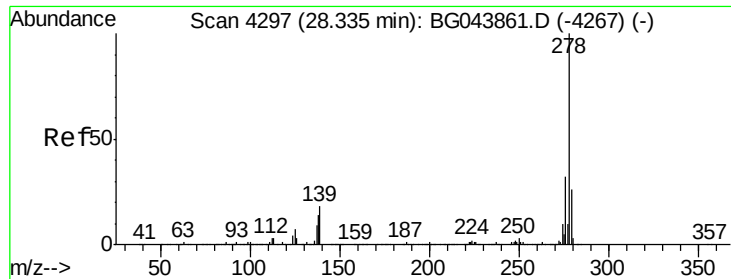
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#90
Benzo(a)pyrene
Concen: 38.985 ng
RT: 24.56 min Scan# 3655
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.3	28.9
125	12.7	10.4	15.6





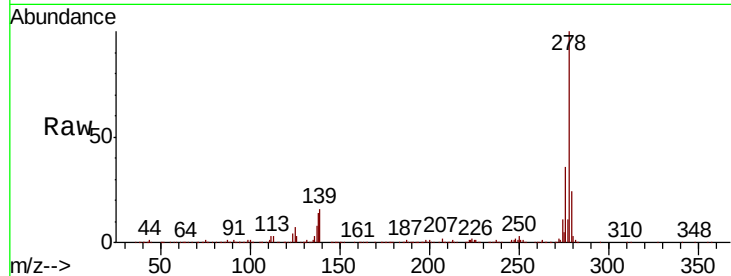
#91
Dibenzo(a,h)anthracene
Concen: 39.565 ng
RT: 28.33 min Scan# 4296
Delta R.T. -0.01 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Instrument :
BNA_G
ClientSampleId :
IDOC-S-03-CG

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	14.2	21.4
279	24.5	20.6	30.8

Manual Integrations
APPROVED

mohammad
1/7/2020 12:30:49 PM

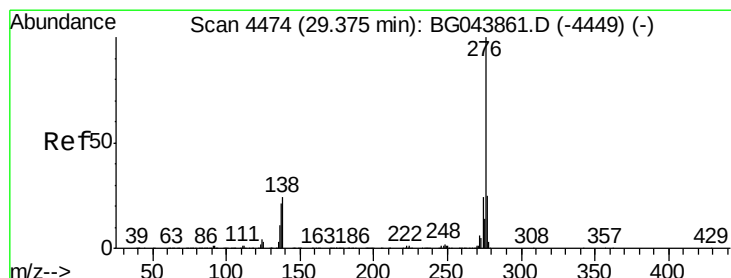
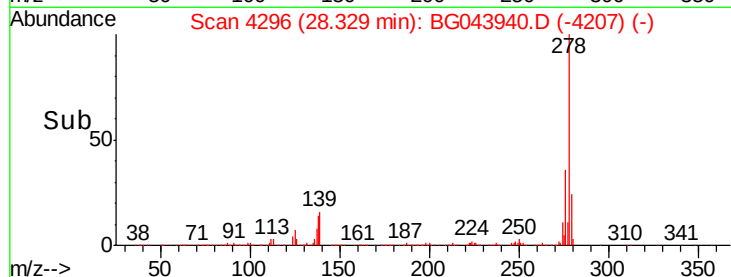
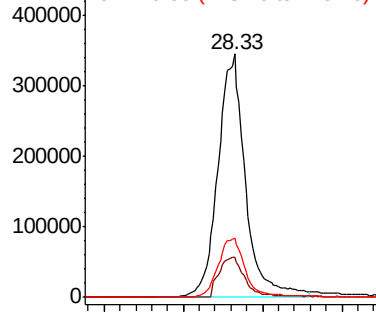


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.455 ng
RT: 29.36 min Scan# 4471
Delta R.T. -0.02 min
Lab File: BG043940.D
Acq: 6 Jan 2020 20:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	20.2	30.4
138	22.6	19.0	28.6

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

