

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
 Data File : BG043952.D
 Acq On : 7 Jan 2020 13:05
 Operator : JU
 Sample : IDOC-W-03-CG
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
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 1/8/2020 4:26:05 PM

Quant Time: Jan 07 16:56:40 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	113697	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	495434	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	338972	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	738011	20.00	ng	0.00
76) Chrysene-d12	21.59	240	644882	20.00	ng	0.00
87) Perylene-d12	24.71	264	707148	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	748562	120.89	ng	0.00
7) Phenol-d6	7.13	99	998857	115.40	ng	0.00
23) Nitrobenzene-d5	9.11	82	629119	67.93	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	381865	107.65	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1397331	74.69	ng	0.00
79) Terphenyl-d14	19.95	244	2019509	72.50	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.43	88	104231	38.605	ng	99
3) Pyridine	3.82	79	254533	31.912	ng	96
4) n-Nitrosodimethylamine	3.74	42	133436	37.576	ng	100
6) Aniline	7.28	93	347945	30.605	ng	98
8) 2-Chlorophenol	7.53	128	322907	44.419	ng	98
9) Benzaldehyde	7.09	77	189864	34.273	ng	98
10) Phenol	7.16	94	401256	44.994	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	298265	38.746	ng	98
12) 1,3-Dichlorobenzene	7.85	146	322462	37.906	ng	99
13) 1,4-Dichlorobenzene	8.00	146	327069	38.967	ng	99
14) 1,2-Dichlorobenzene	8.31	146	308271	38.264	ng	99
15) Benzyl Alcohol	8.20	79	277475	40.619	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	409278	34.365	ng	98
17) 2-Methylphenol	8.40	107	281413	43.605	ng	98
18) Hexachloroethane	9.05	117	122588	37.534	ng	96
19) n-Nitroso-di-n-propylamine	8.77	70	237669	36.871	ng	# 97
20) 3+4-Methylphenols	8.73	107	391230	43.456	ng	99
22) Acetophenone	8.78	105	443733	36.026	ng	# 99
24) Nitrobenzene	9.15	77	337940	36.843	ng	99
25) Isophorone	9.68	82	648771	37.340	ng	99
26) 2-Nitrophenol	9.87	139	174736	40.265	ng	98
27) 2,4-Dimethylphenol	9.94	122	313747	48.029	ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	417336	36.029	ng	99
29) 2,4-Dichlorophenol	10.41	162	318148	40.830	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	318289	36.431	ng	98
31) Naphthalene	10.81	128	936900	39.079	ng	99
32) Benzoic acid	10.06	122	120779	26.004	ng	93
33) 4-Chloroaniline	10.91	127	265753	23.240	ng	99
34) Hexachlorobutadiene	11.11	225	182271	34.169	ng	98
35) Caprolactam	11.67	113	121750m	41.972	ng	
36) 4-Chloro-3-methylphenol	12.04	107	347489	41.891	ng	98
37) 2-Methylnaphthalene	12.42	142	710935	39.388	ng	98
38) 1-Methylnaphthalene	12.64	142	672980	39.340	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	337633	33.983	ng	99

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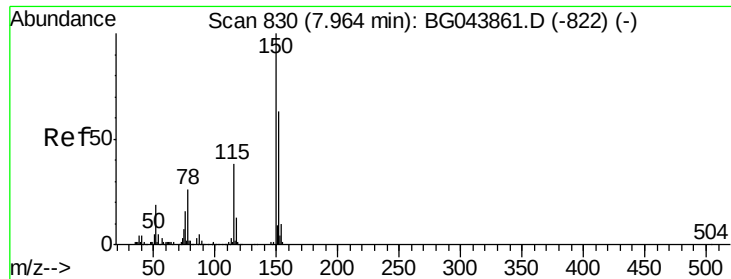
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	433488	84.159	nq	97
43) 2,4,6-Trichlorophenol	13.03	196	257179	37.620	nq	97
44) 2,4,5-Trichlorophenol	13.10	196	281340	39.902	nq	99
46) 1,1'-Biphenyl	13.43	154	903766	37.186	nq	100
47) 2-Chloronaphthalene	13.47	162	708808	36.092	nq	99
48) 2-Nitroaniline	13.66	65	228064	36.101	nq	99
49) Acenaphthylene	14.31	152	1122727	39.775	nq	98
50) Dimethylphthalate	14.05	163	918485	38.162	nq	98
51) 2,6-Dinitrotoluene	14.16	165	211136	38.812	nq	95
52) Acenaphthene	14.66	154	800316m	40.430	nq	
53) 3-Nitroaniline	14.49	138	169685	27.468	nq	98
54) 2,4-Dinitrophenol	14.69	184	186423	68.139	nq	99
55) Dibenzofuran	14.99	168	1077070	39.525	nq	99
56) 4-Nitrophenol	14.80	139	410468	86.708	nq	96
57) 2,4-Dinitrotoluene	14.95	165	295105	39.867	nq	99
58) Fluorene	15.64	166	857700	39.711	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.22	232	245424	40.480	nq	98
60) Diethylphthalate	15.41	149	937554	38.946	nq	99
61) 4-Chlorophenyl-phenylether	15.63	204	444001	37.858	nq	98
62) 4-Nitroaniline	15.65	138	228736	37.495	nq	97
63) Azobenzene	15.93	77	882245	39.518	nq	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	152220	40.761	nq	98
66) n-Nitrosodiphenylamine	15.85	169	810853	37.309	nq	99
67) 4-Bromophenyl-phenylether	16.53	248	289324	34.857	nq	97
68) Hexachlorobenzene	16.65	284	312612	34.953	nq	99
69) Atrazine	16.79	200	309902	43.867	nq	99
70) Pentachlorophenol	16.99	266	349562	70.900	nq	99
71) Phenanthrene	17.38	178	1372306	38.767	nq	99
72) Anthracene	17.47	178	1409373	40.286	nq	99
73) Carbazole	17.73	167	1288705	39.879	nq	98
74) Di-n-butylphthalate	18.30	149	1583885	38.389	nq	98
75) Fluoranthene	19.38	202	1588502	39.238	nq	99
77) Benzidine	19.56	184	715977	44.170	nq	98
78) Pyrene	19.75	202	1589934	37.771	nq	97
80) Butylbenzylphthalate	20.64	149	741696	37.010	nq	97
81) Benzo(a)anthracene	21.57	228	1533322	38.345	nq	98
82) 3,3'-Dichlorobenzidine	21.48	252	480316	30.404	nq	97
83) Chrysene	21.63	228	1464628	38.547	nq	98
84) Bis(2-ethylhexyl)phthalate	21.49	149	1042716	37.708	nq	97
85) Di-n-octyl phthalate	22.68	149	1814942	39.041	nq	99
86) Indeno(1,2,3-cd)pyrene	28.25	276	1874153	36.295	nq	98
88) Benzo(b)fluoranthene	23.72	252	1606988	38.440	nq	99
89) Benzo(k)fluoranthene	23.79	252	1615720	40.643	nq	99
90) Benzo(a)pyrene	24.57	252	1514501	38.384	nq	99
91) Dibenzo(a,h)anthracene	28.32	278	1522897	38.432	nq	98
92) Benzo(g,h,i)perylene	29.35	276	1489289	37.837	nq	97

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



#1

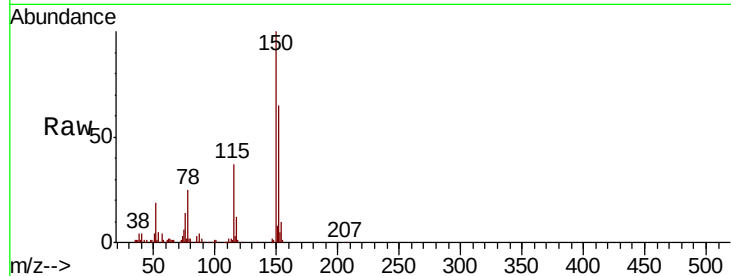
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	127.0	190.4
115	57.6	47.8	71.8

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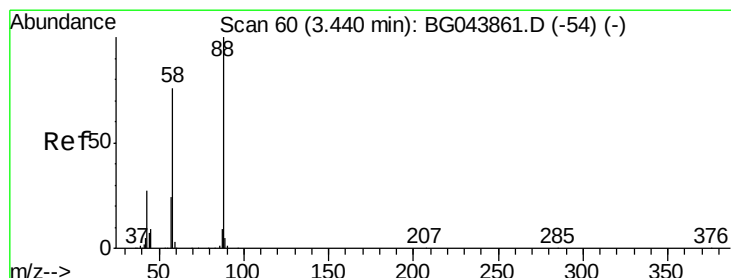
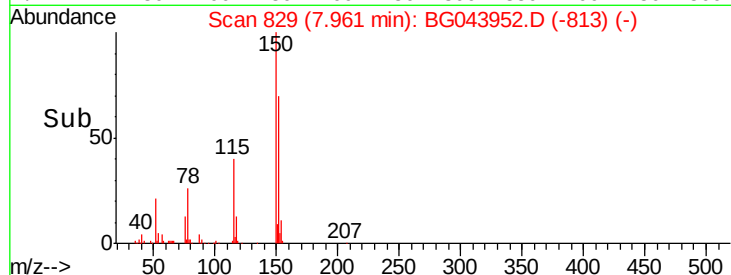
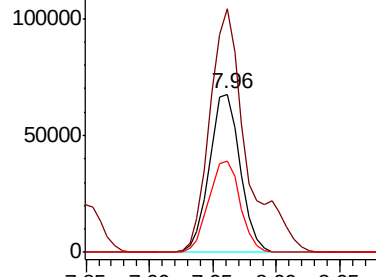


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

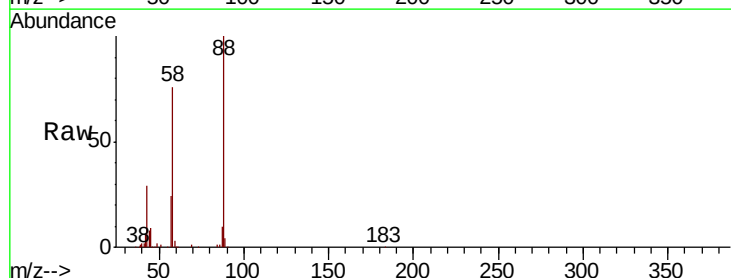
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.605 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.01 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.2	59.8	89.8
43	29.1	22.9	34.3

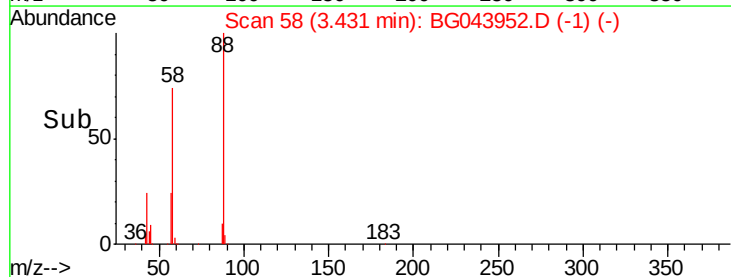
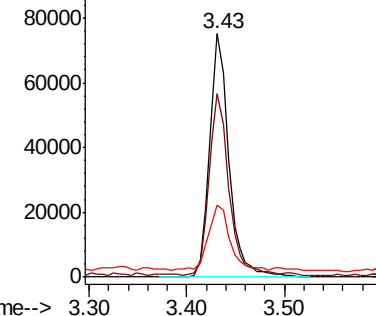


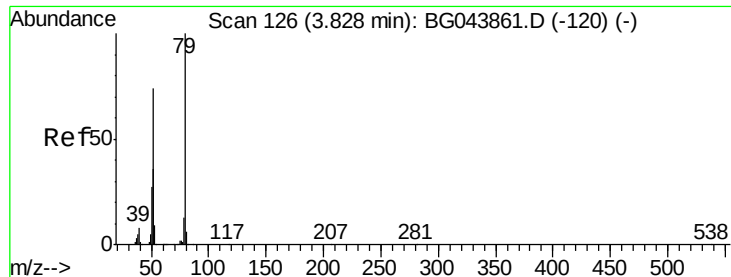
Abundance

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: 31.912 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

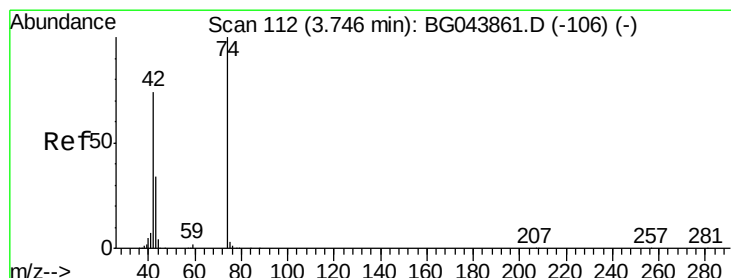
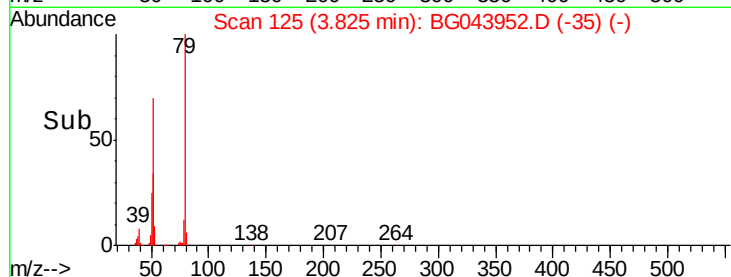
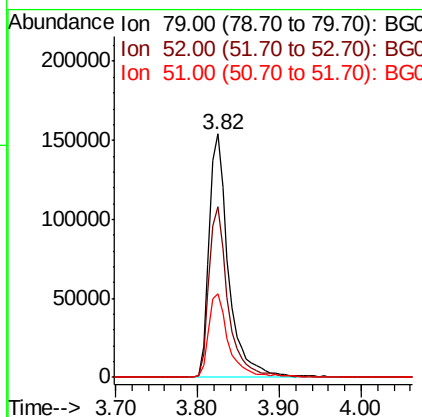
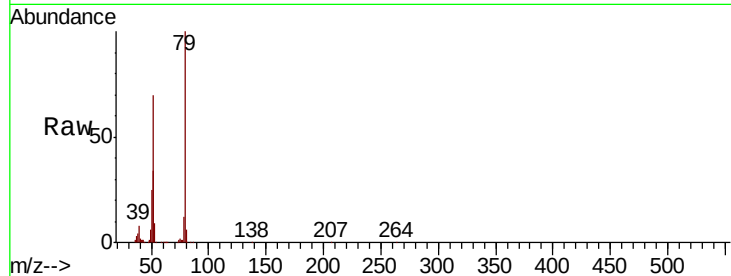
ClientSampleId :

IDOC-W-03-CG

Tot Ion:	79	Resp:	254533
Ion	Ratio	Lower	Upper
79	100		
52	70.0	58.9	88.3
51	34.5	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 37.576 ng

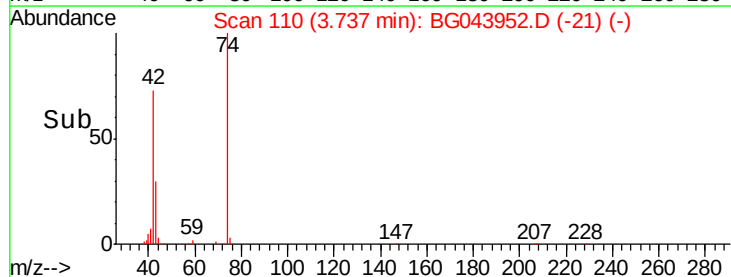
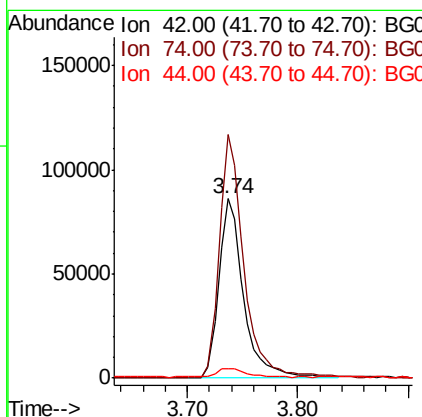
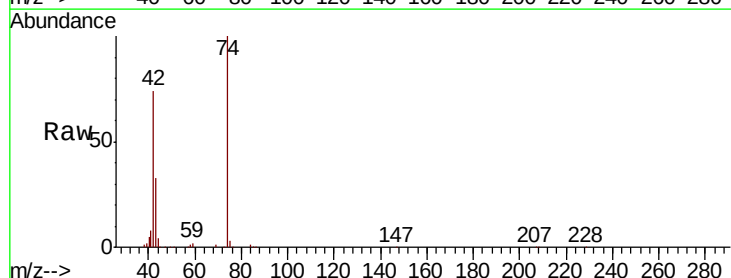
RT: 3.74 min Scan# 110

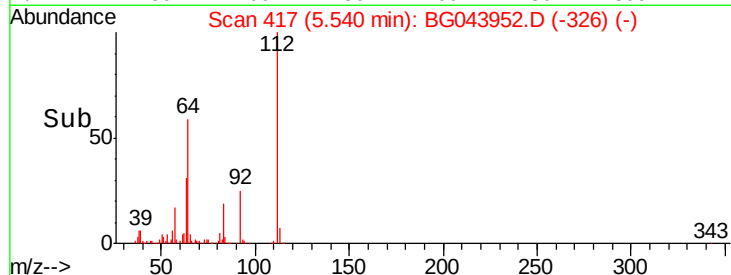
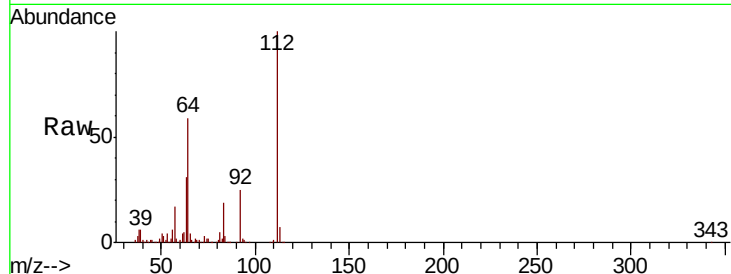
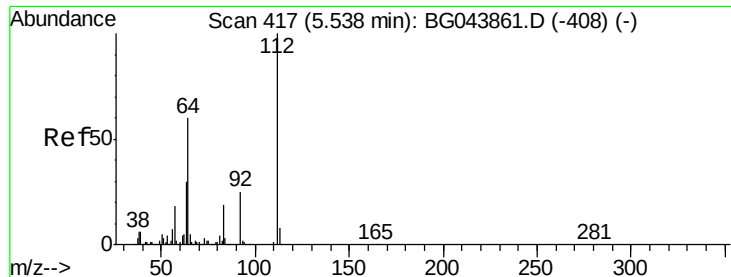
Delta R.T. -0.01 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Tgt Ion:	42	Resp:	133436
Ion	Ratio	Lower	Upper
42	100		
74	135.9	108.6	162.8
44	5.3	5.0	7.6





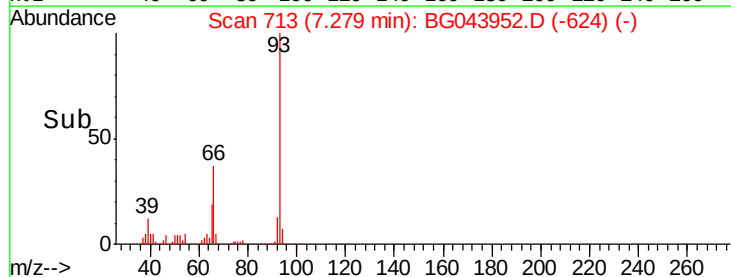
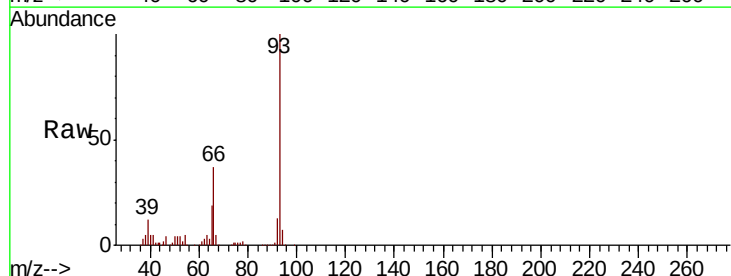
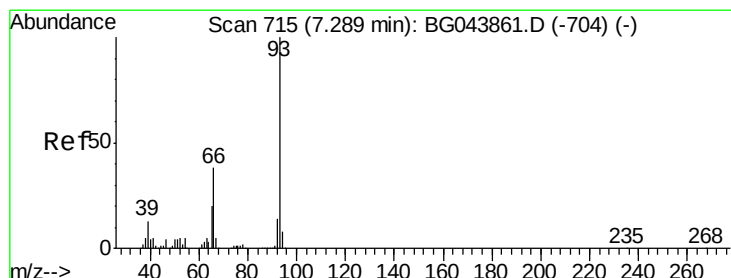
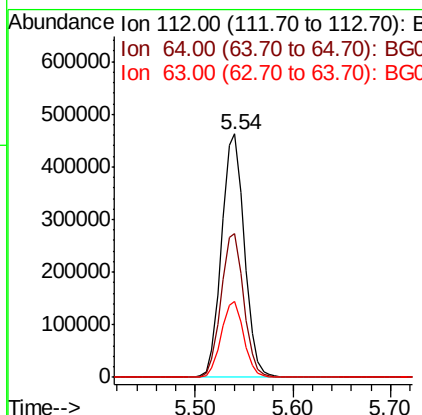
#5
2-Fluorophenol
Concen: 120.887 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tot Ion	Ratio	Resp	Lower	Upper
112	100	748562		
64	58.9	47.8	71.6	
63	31.2	24.3	36.5	

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

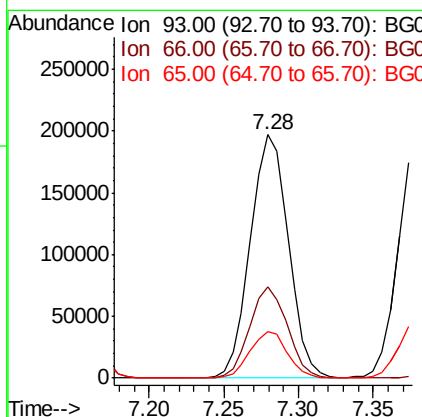
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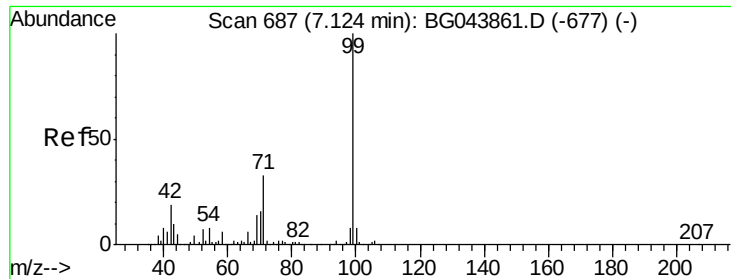
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#6
Aniline
Concen: 30.605 ng
RT: 7.28 min Scan# 713
Delta R.T. -0.01 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	347945		
66	37.4	30.8	46.2	
65	19.0	16.0	24.0	





#7

Phenol-d6

Concen: 115.400 ng

RT: 7.13 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

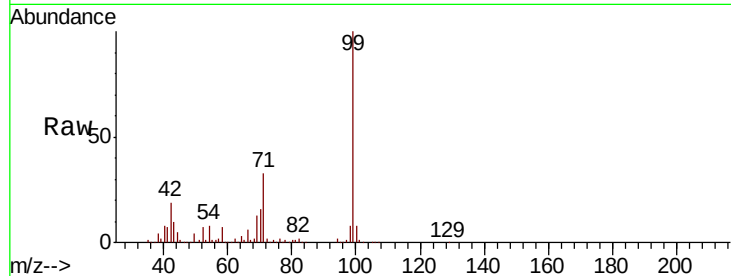
ClientSampleId :

IDOC-W-03-CG

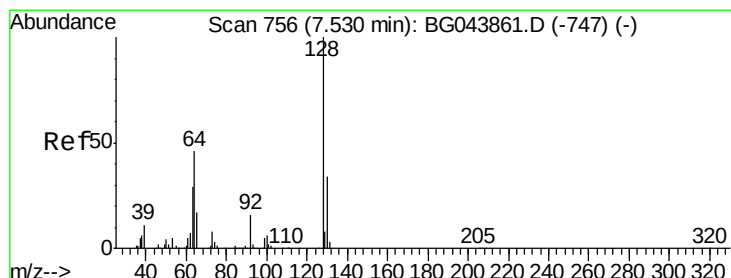
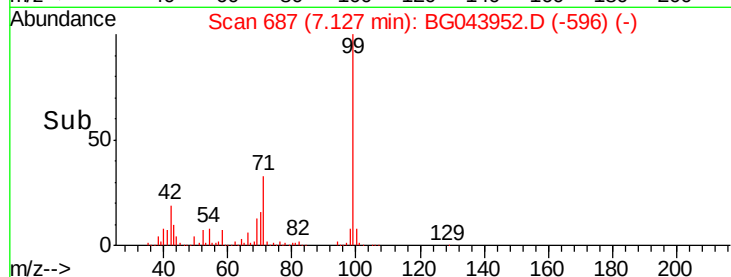
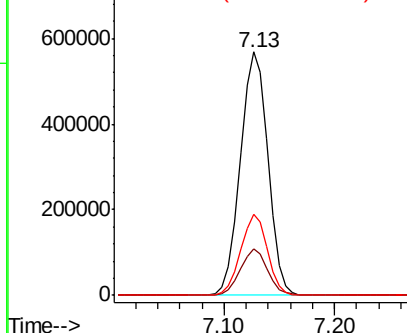
Tot Ion	Ratio	Resp	Lower	Upper
99	100	998857		
42	19.3		14.9	22.3
71	33.2		26.4	39.6

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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: 44.419 ng

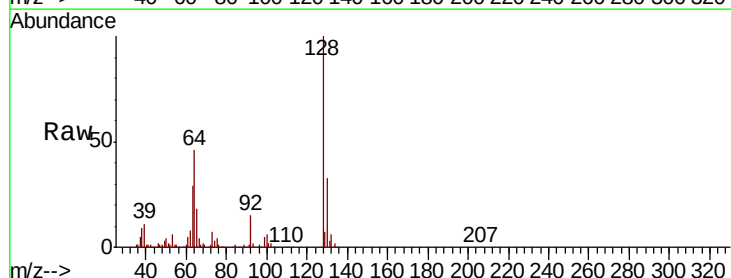
RT: 7.53 min Scan# 755

Delta R.T. -0.00 min

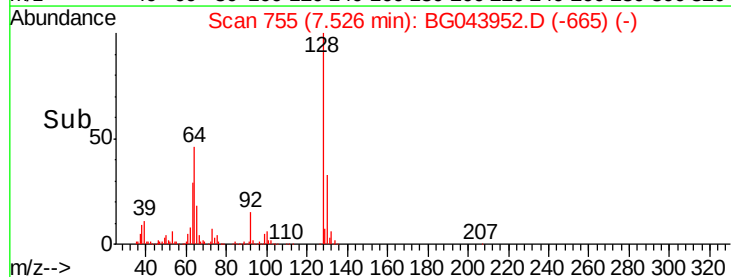
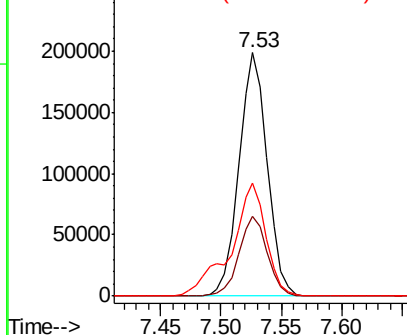
Lab File: BG043952.D

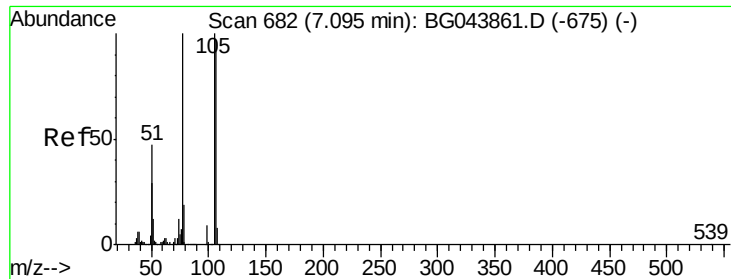
Acq: 7 Jan 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	322907		
130	32.9		13.8	53.8
64	46.5		27.6	67.6



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





#9

Benzaldehyde

Concen: 34.273 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

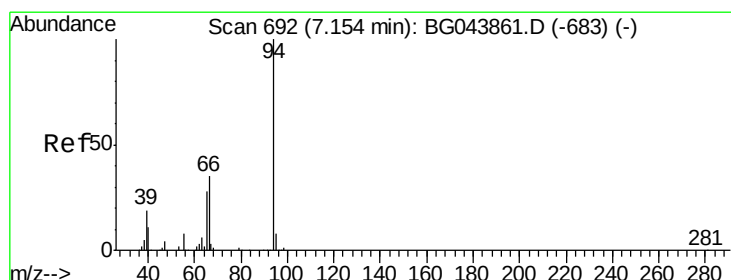
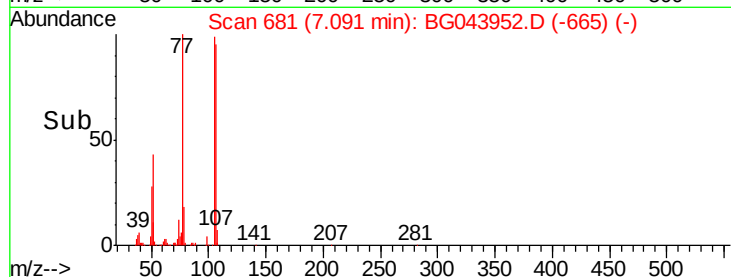
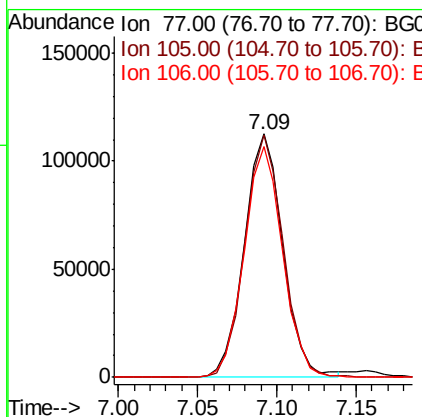
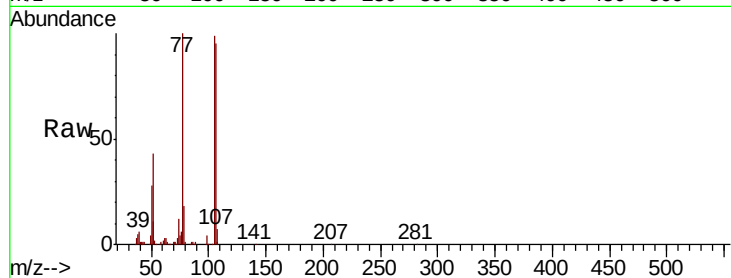
ClientSampleId :

IDOC-W-03-CG

Tot Ion:	77	Resp:	189864
Ion	Ratio	Lower	Upper
77	100		
105	99.3	80.2	120.2
106	94.7	77.2	117.2

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#10

Phenol

Concen: 44.994 ng

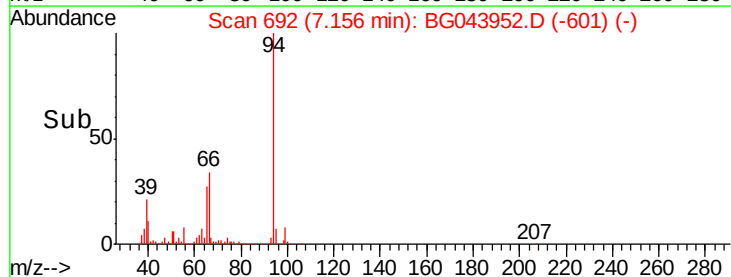
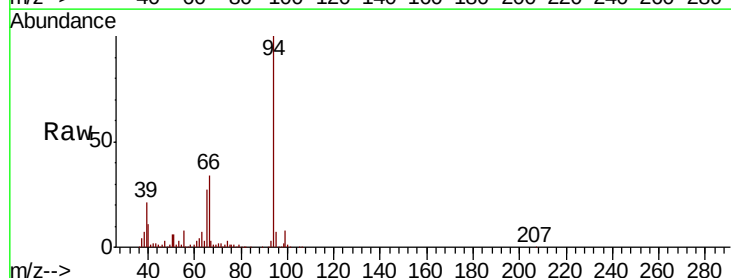
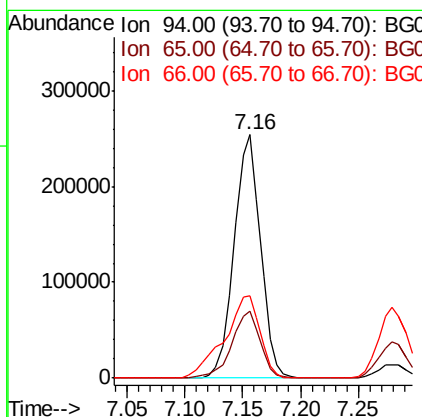
RT: 7.16 min Scan# 692

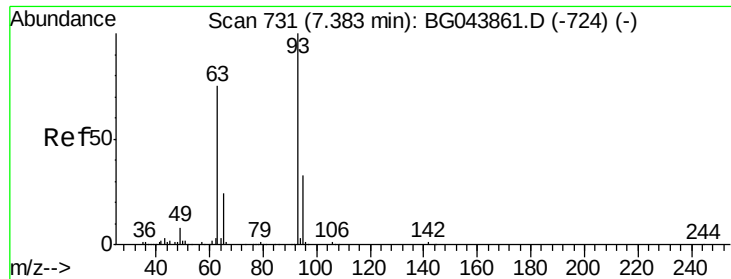
Delta R.T. 0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Tgt Ion:	94	Resp:	401256
Ion	Ratio	Lower	Upper
94	100		
65	27.3	8.1	48.1
66	34.1	15.6	55.6





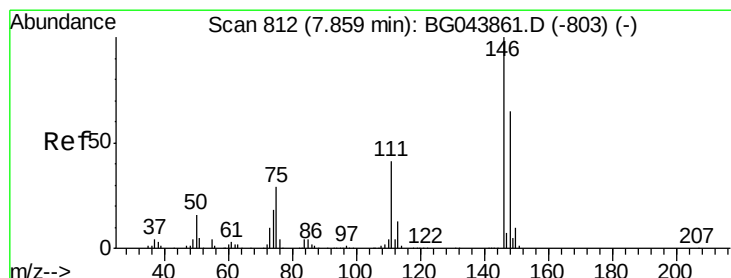
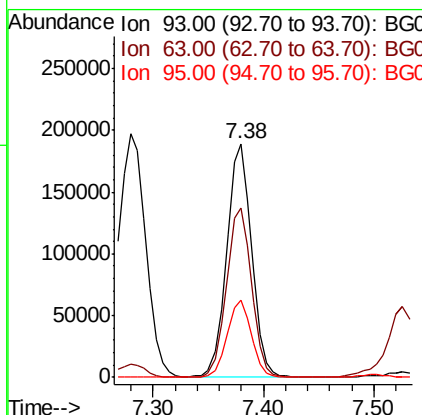
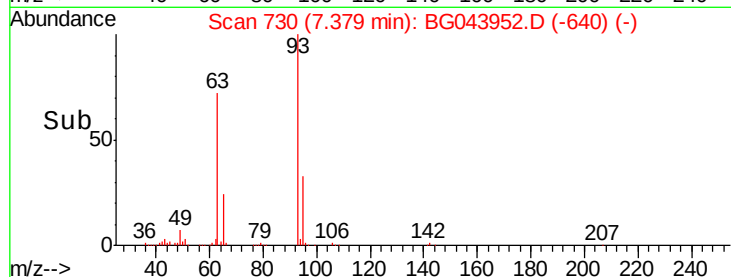
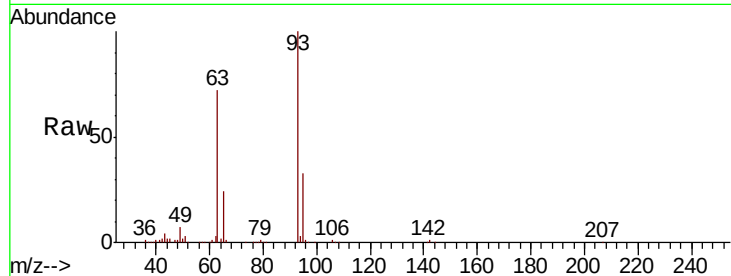
#11
bis(2-Chloroethyl)ether
Concen: 38.746 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

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

Tot Ion	Ratio	Resp	Lower	Upper
93	100	298265		
63	72.3		55.0	95.0
95	33.0		13.3	53.3

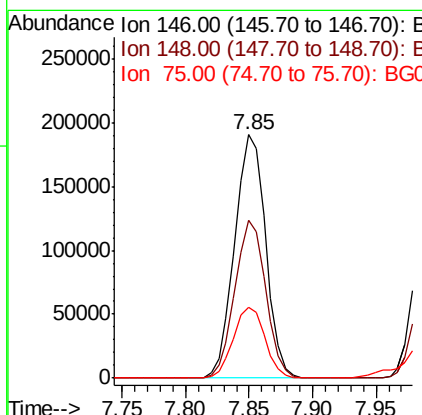
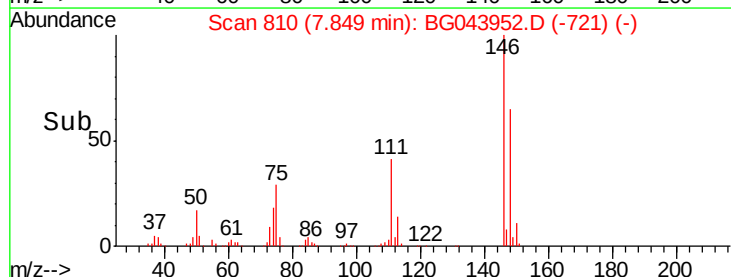
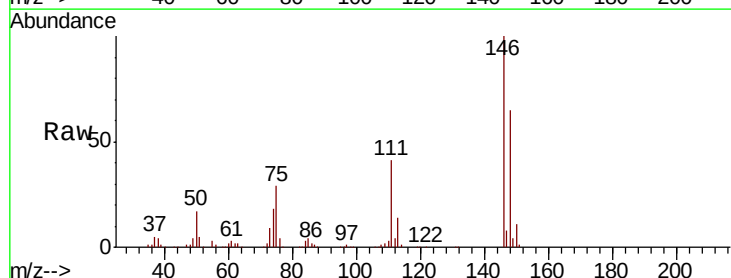
Manual Integrations
APPROVED

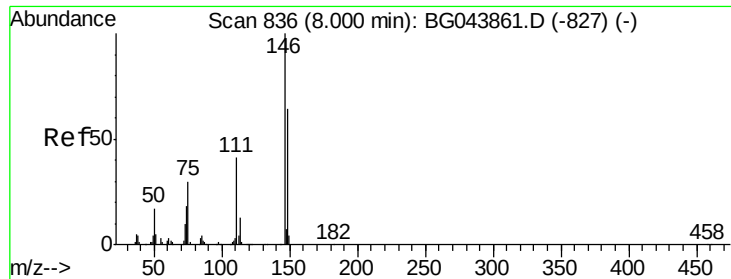
mohammad
1/8/2020 4:26:05 PM



#12
1,3-Dichlorobenzene
Concen: 37.906 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	322462		
148	64.7		52.1	78.1
75	29.1		23.0	34.4





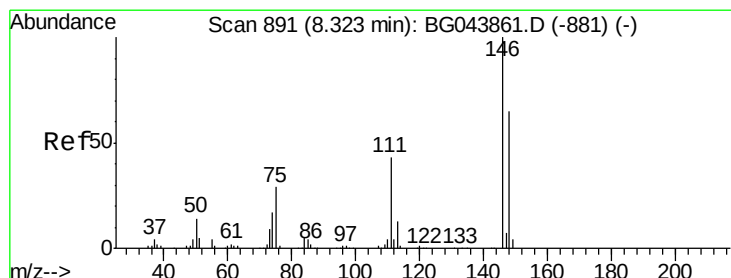
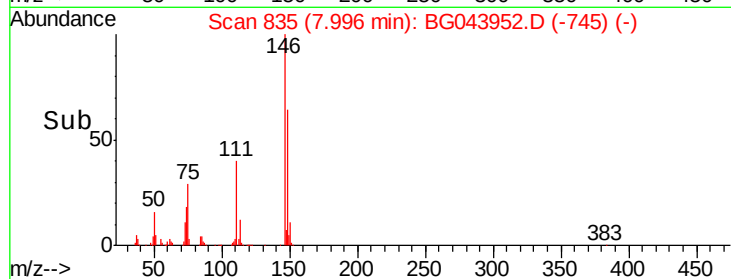
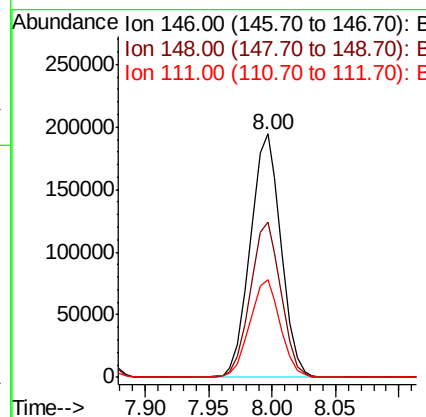
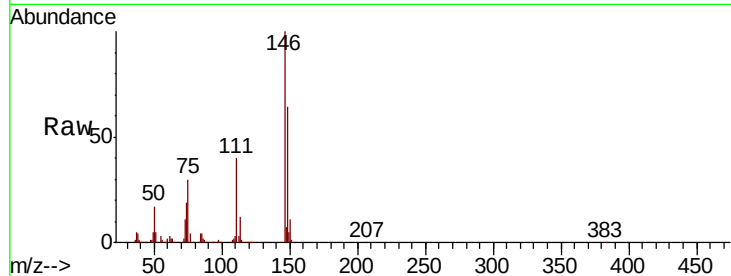
#13
 1,4-Dichlorobenzene
 Concen: 38.967 ng
 RT: 8.00 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BG043952.D
 Acq: 7 Jan 2020 13:05

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.2	76.8
111	40.3	33.1	49.7

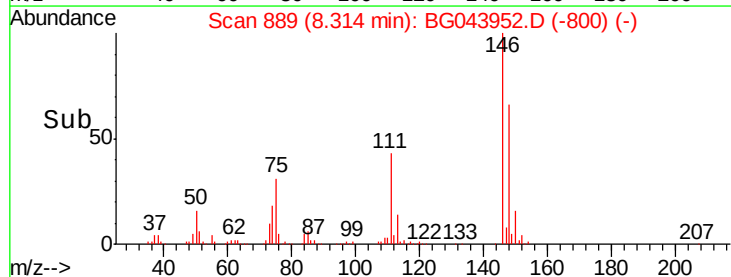
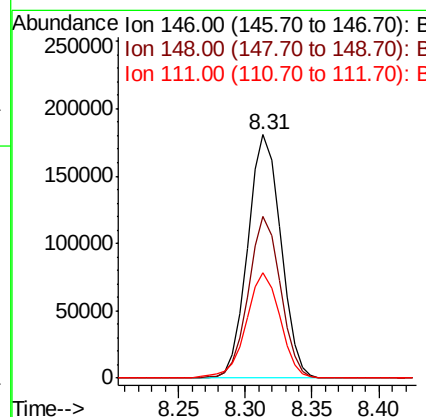
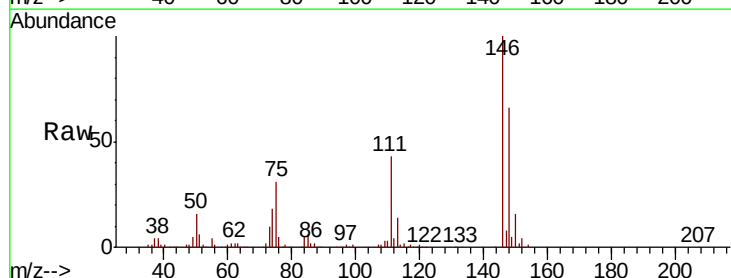
Manual Integrations
 APPROVED

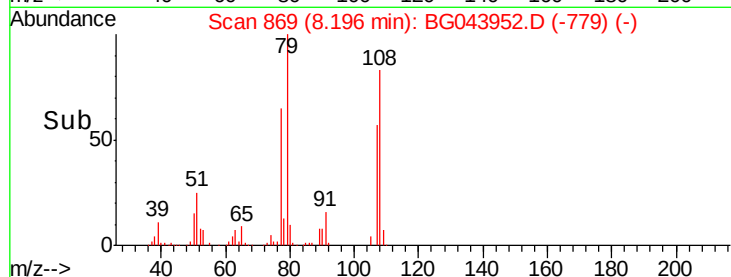
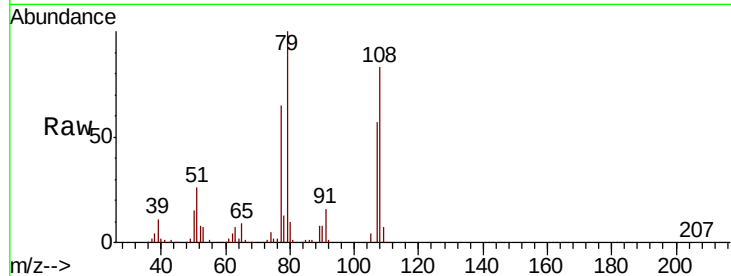
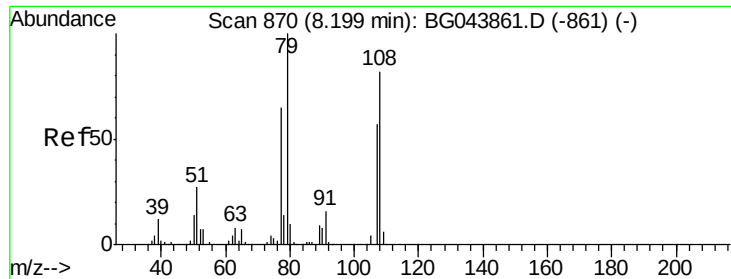
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.264 ng
 RT: 8.31 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BG043952.D
 Acq: 7 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.7	77.5
111	43.1	34.4	51.6





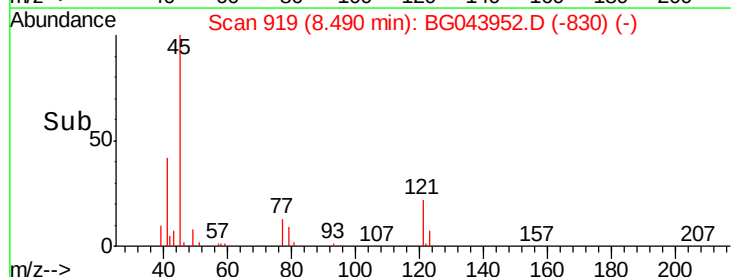
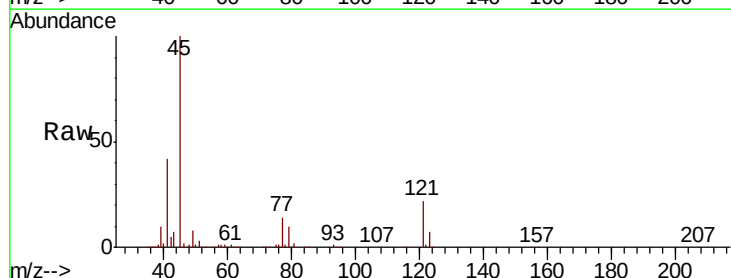
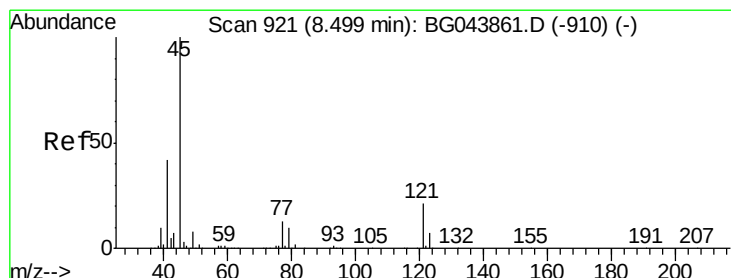
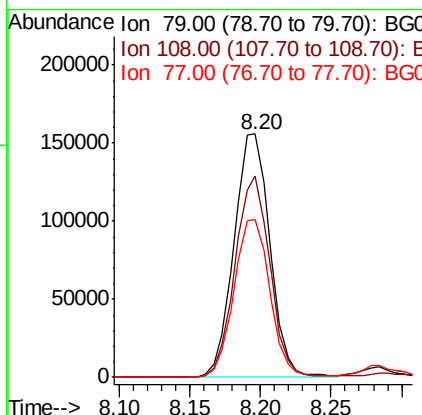
#15
Benzyl Alcohol
Concen: 40.619 ng
RT: 8.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tot Ion	Ratio	Resp	Lower	Upper
79	100	277475		
108	82.6	65.6	98.4	
77	64.6	52.0	78.0	

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

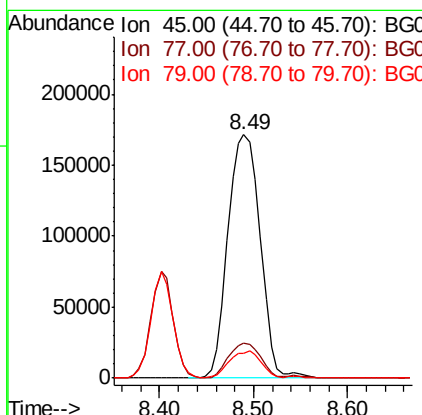
Manual Integrations
APPROVED

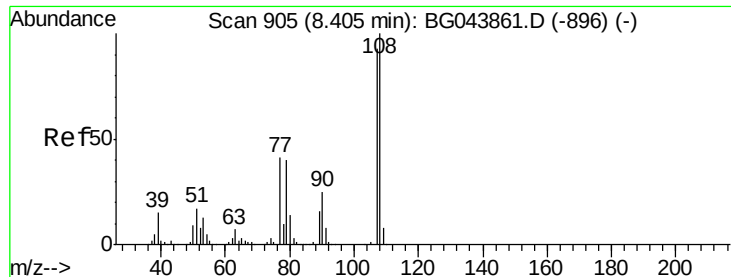
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.365 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	409278		
77	14.3	0.0	33.8	
79	10.0	0.0	31.0	





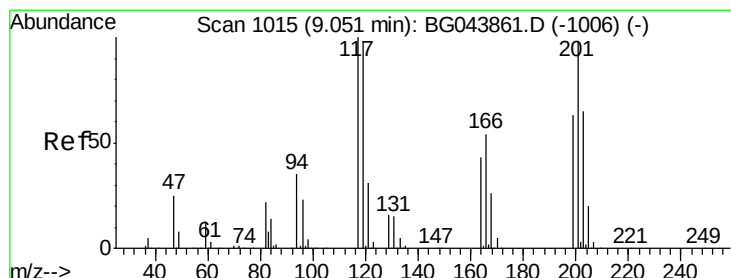
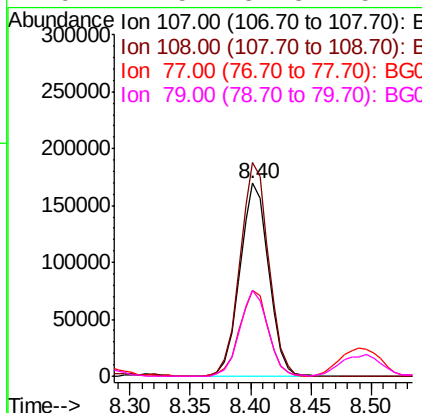
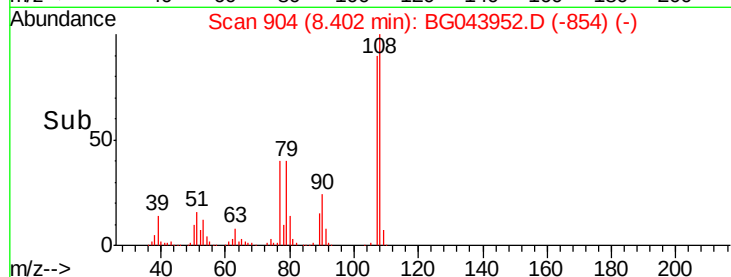
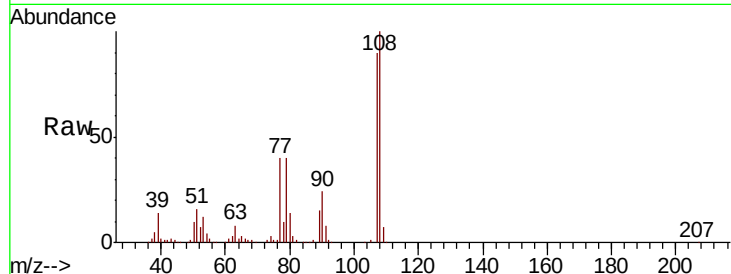
#17
2-Methylphenol
Concen: 43.605 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.7	86.1	129.1	
77	44.5	35.4	53.0	
79	44.5	34.8	52.2	

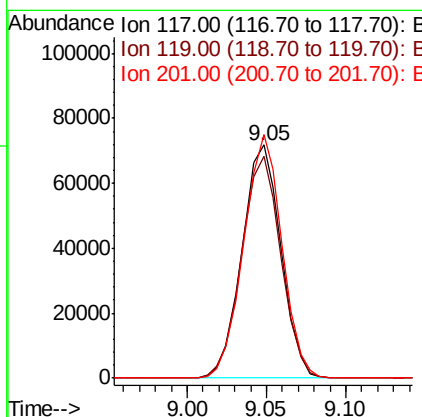
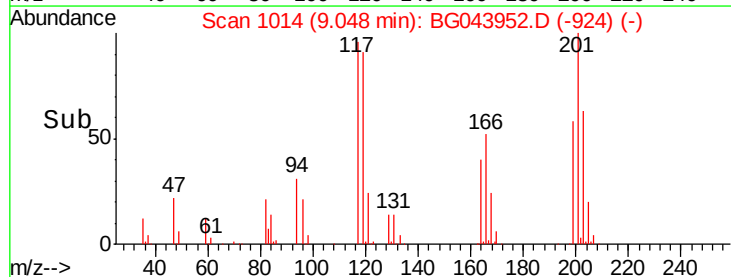
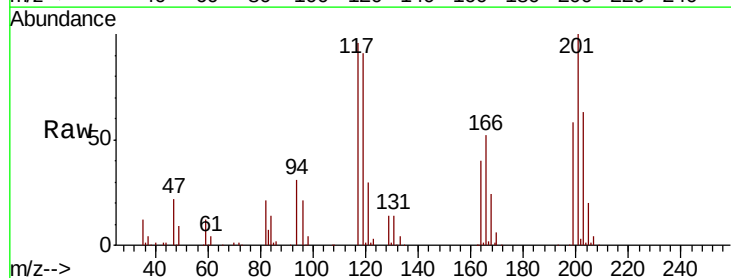
Manual Integrations
APPROVED

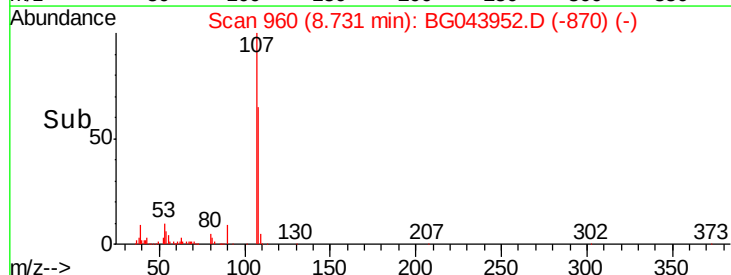
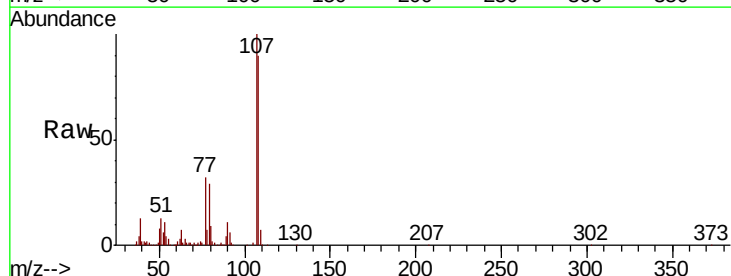
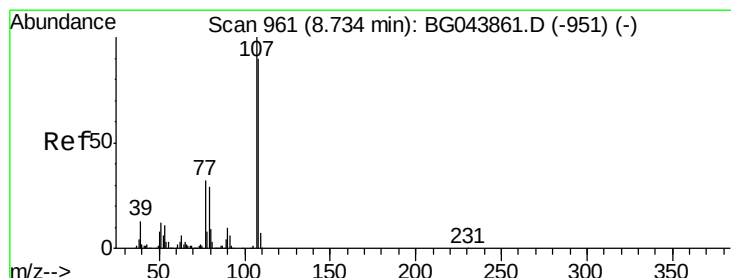
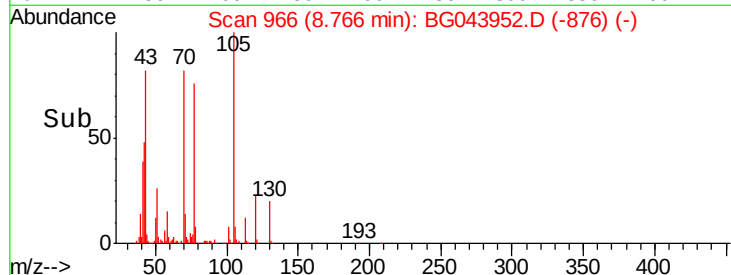
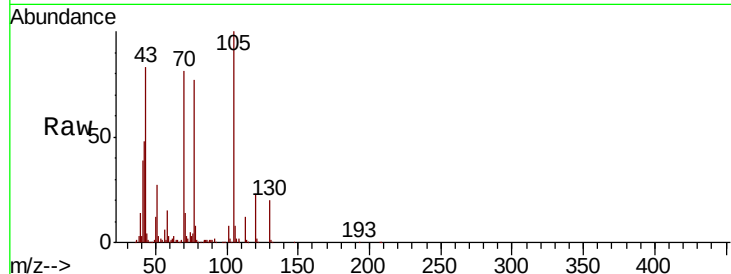
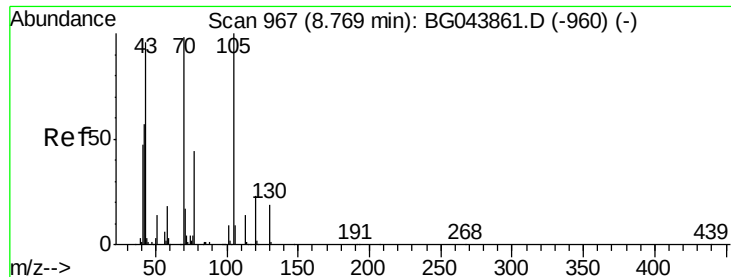
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#18
Hexachloroethane
Concen: 37.534 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	78.1	117.1	
201	104.5	78.6	117.8	





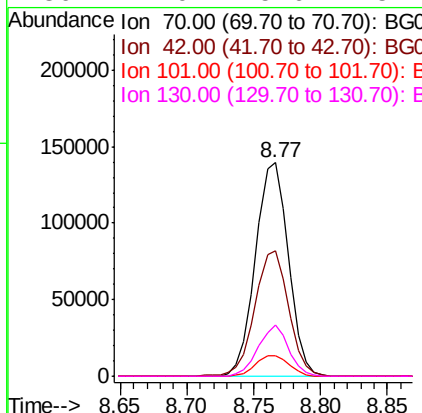
#19
n-Nitroso-di-n-propylamine
Concen: 36.871 ng
RT: 8.77 min Scan# 966
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

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

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.5	47.0	70.4	
101	9.7	7.2	10.8	
130	24.0	15.6	23.4	

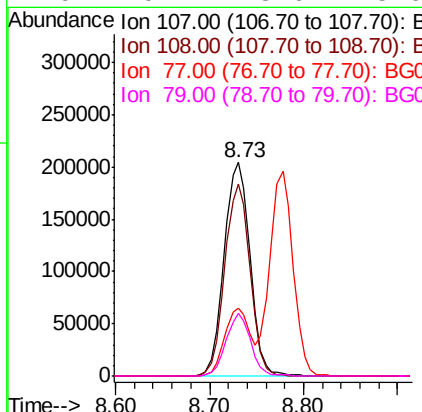
Manual Integrations
APPROVED

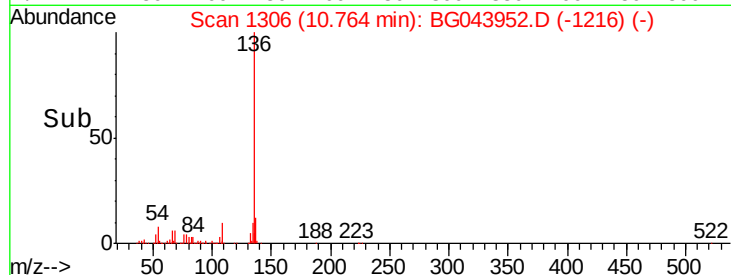
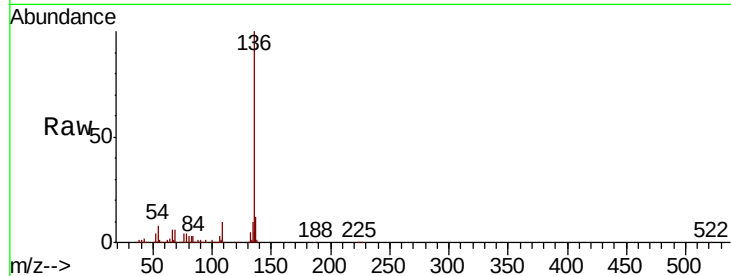
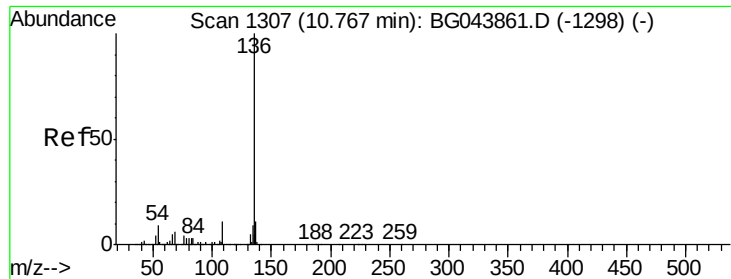
mohammad
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#20
3+4-Methylphenols
Concen: 43.456 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.1	70.3	110.3	
77	31.9	12.4	52.4	
79	29.2	8.6	48.6	





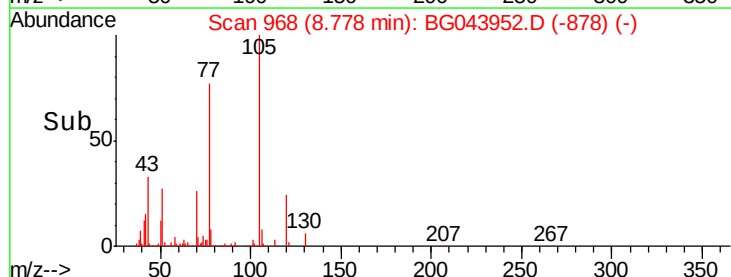
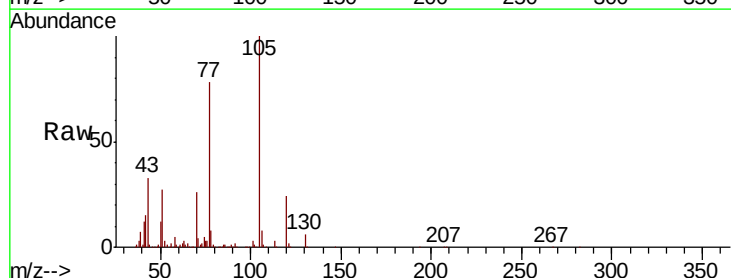
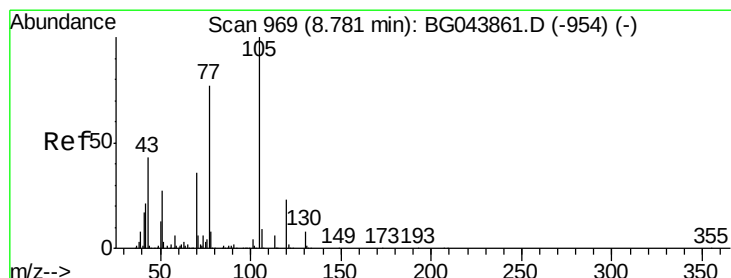
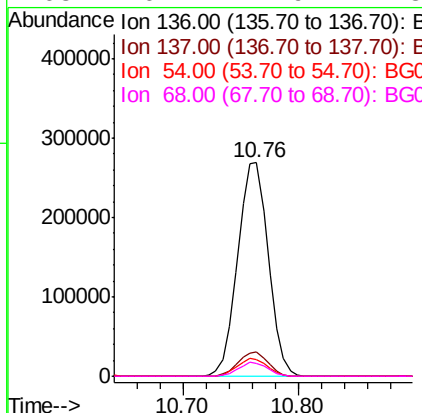
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		495434		
137	11.6	8.8	13.2		
54	7.7	7.0	10.4		
68	6.1	4.9	7.3		

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

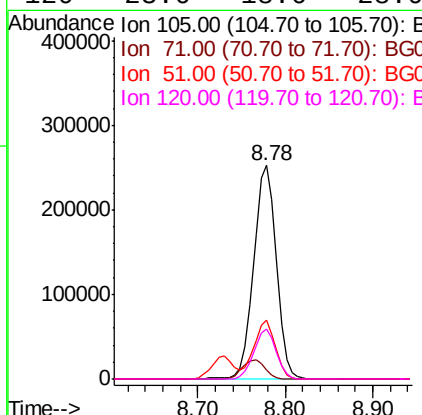
Manual Integrations
APPROVED

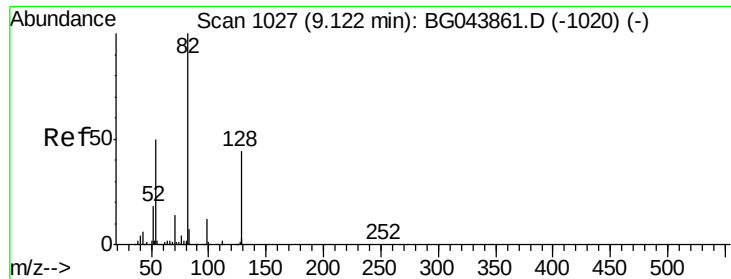
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#22
Acetophenone
Concen: 36.026 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		443733		
71	4.2	4.8	7.2#		
51	27.4	21.4	32.0		
120	23.6	18.6	28.0		





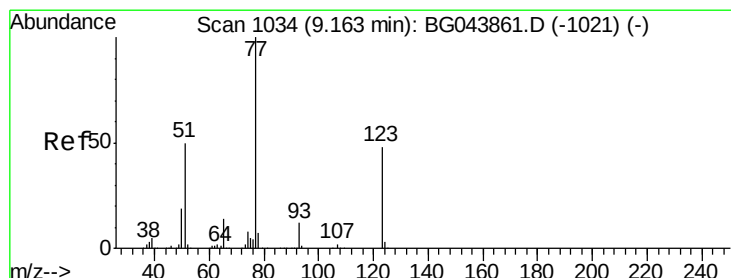
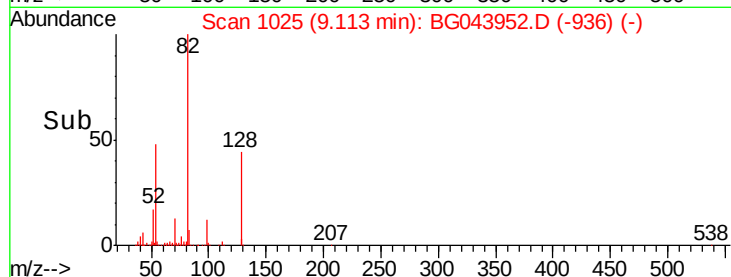
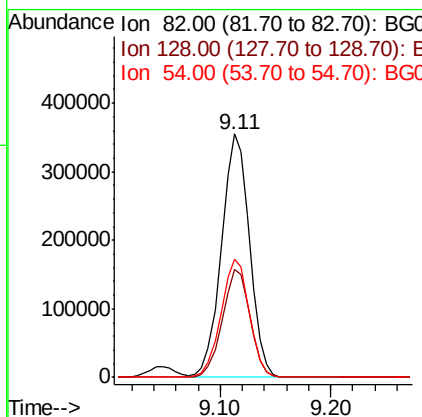
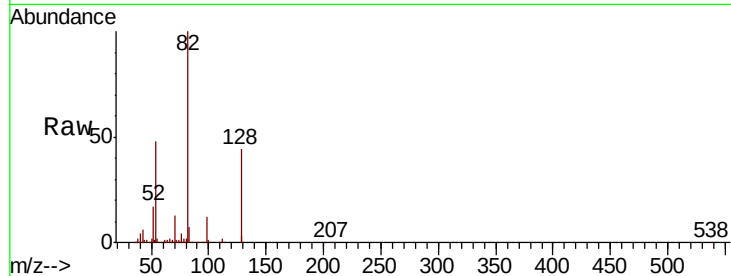
#23
Nitrobenzene-d5
Concen: 67.931 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.1	52.7
54	48.5	40.1	60.1

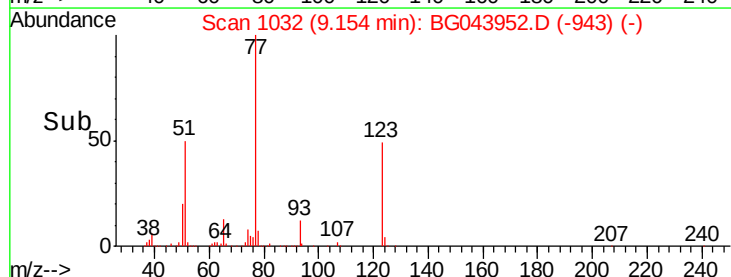
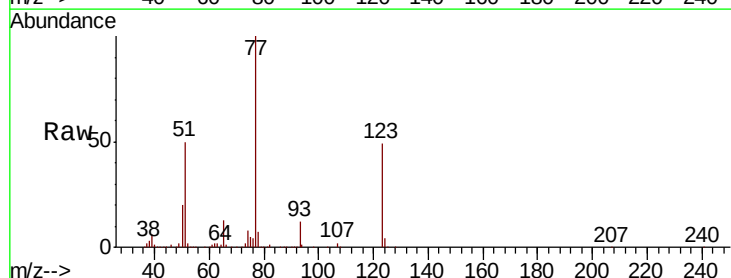
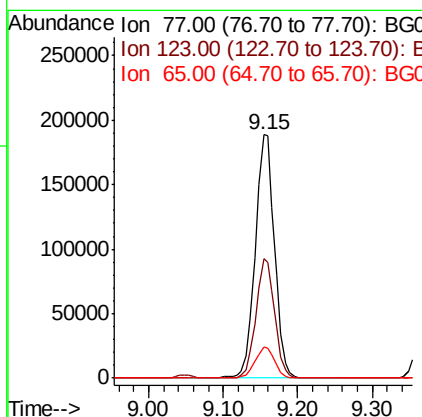
Manual Integrations
APPROVED

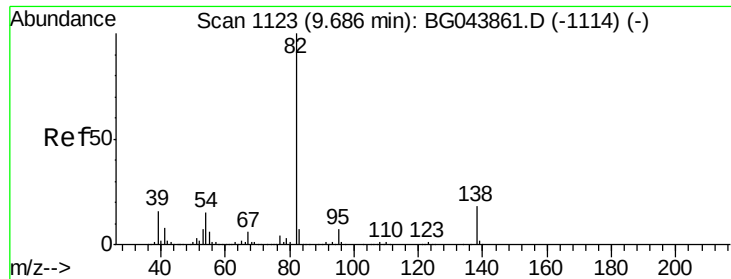
mohammad
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#24
Nitrobenzene
Concen: 36.843 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	38.7	58.1
65	13.0	11.1	16.7





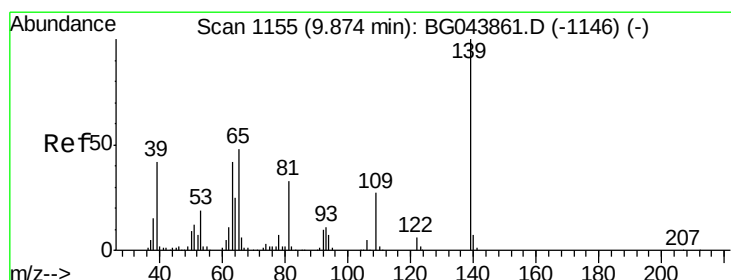
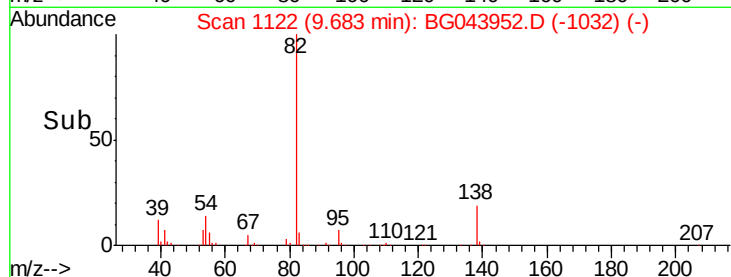
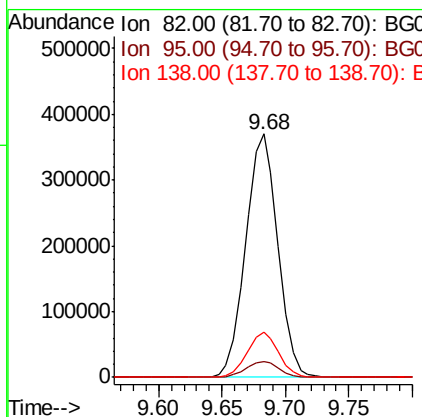
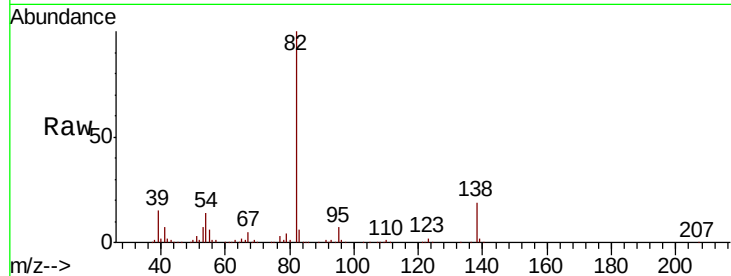
#25
Isophorone
Concen: 37.340 ng
RT: 9.68 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

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

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.8	8.6
138	18.6	14.6	22.0

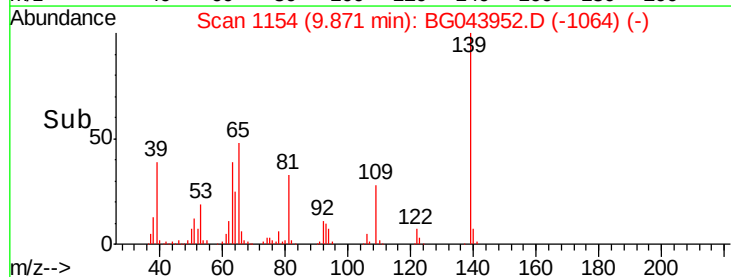
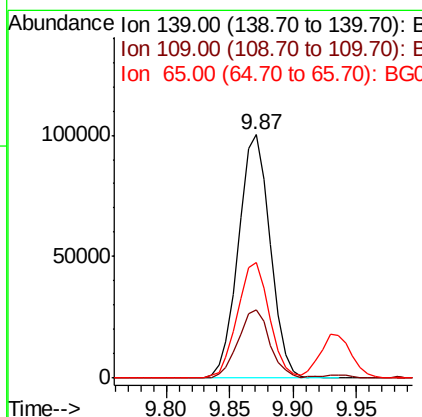
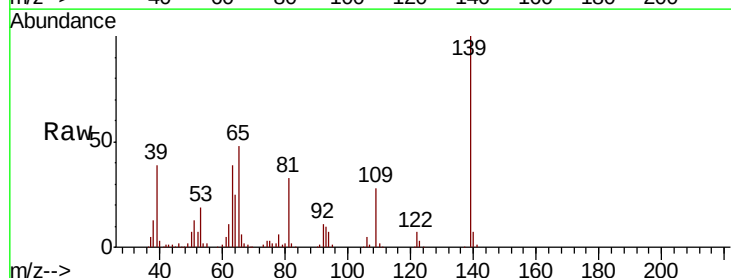
Manual Integrations
APPROVED

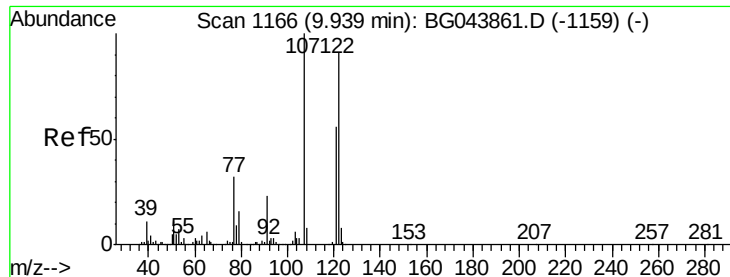
mohammad
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#26
2-Nitrophenol
Concen: 40.265 ng
RT: 9.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	27.9	21.3	31.9
65	47.5	38.6	57.8





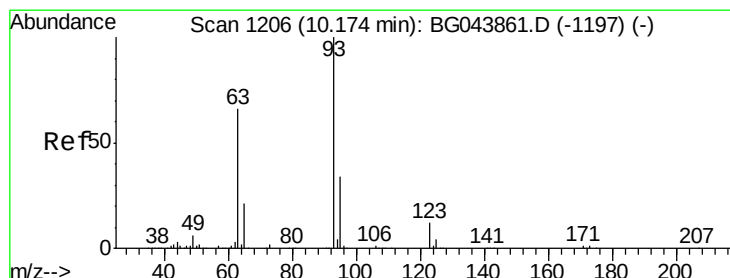
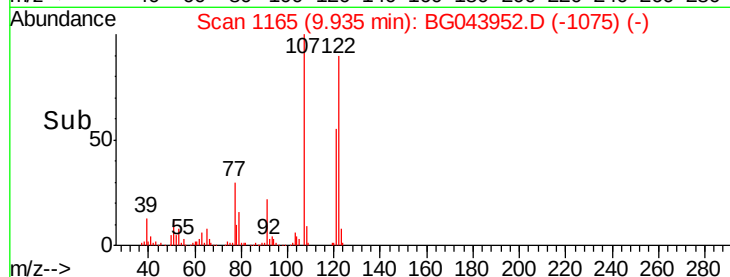
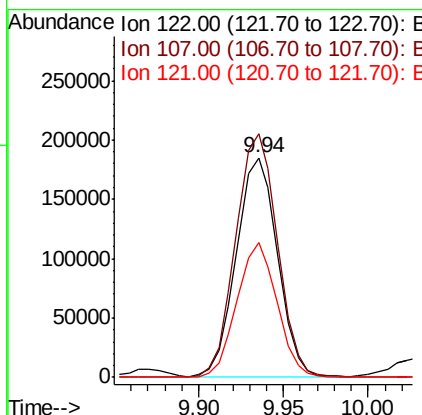
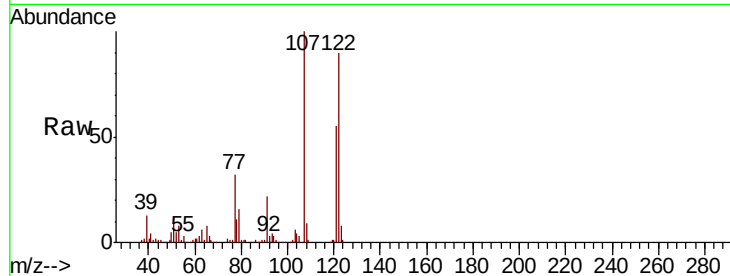
#27
 2,4-Dimethylphenol
 Concen: 48.029 ng
 RT: 9.94 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BG043952.D
 Acq: 7 Jan 2020 13:05

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

Tot Ion	Ratio	Resp	Lower	Upper
122	100	313747		
107	110.9	88.0	132.0	
121	61.5	49.0	73.4	

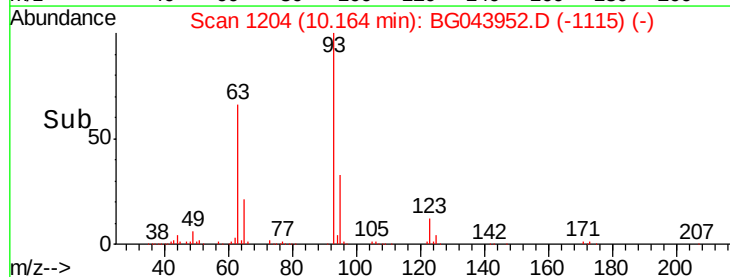
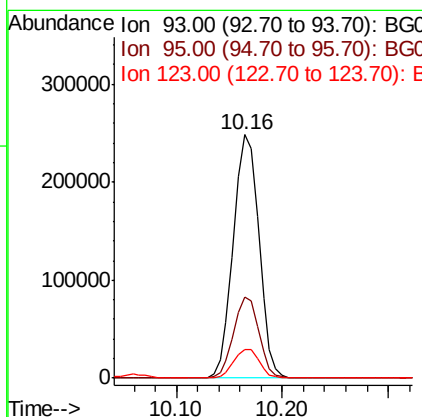
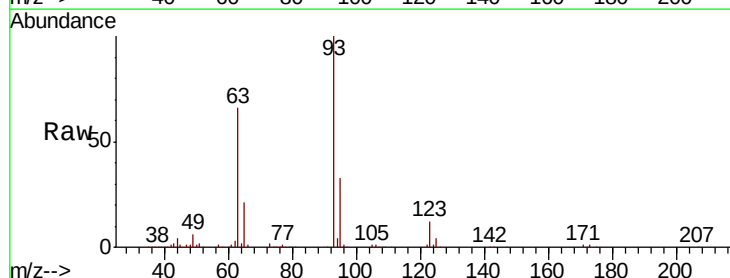
Manual Integrations
 APPROVED

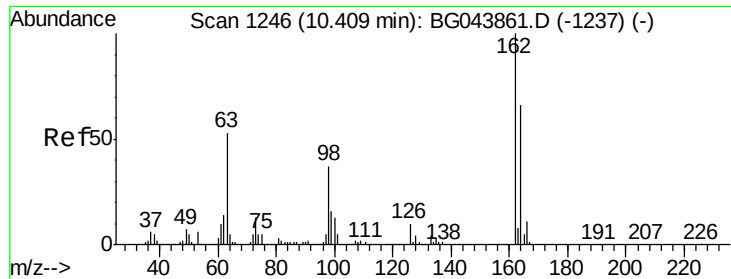
mohammad
 1/8/2020 4:26:05 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.029 ng
 RT: 10.16 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BG043952.D
 Acq: 7 Jan 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	417336		
95	33.3	27.2	40.8	
123	11.8	9.7	14.5	





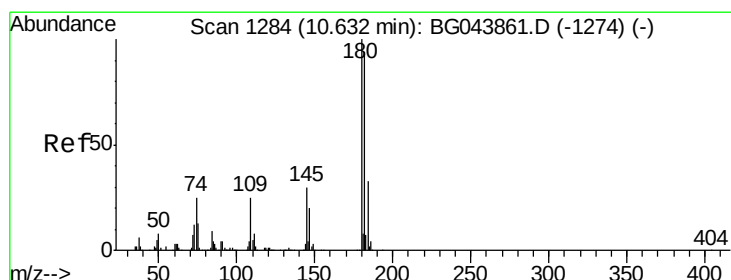
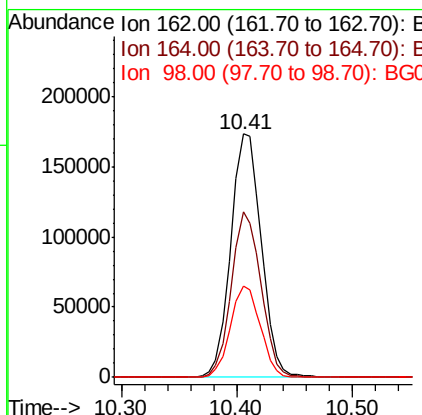
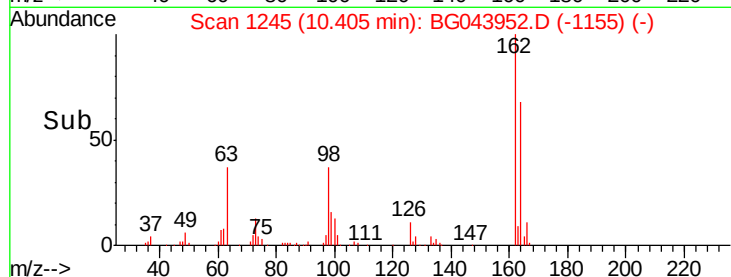
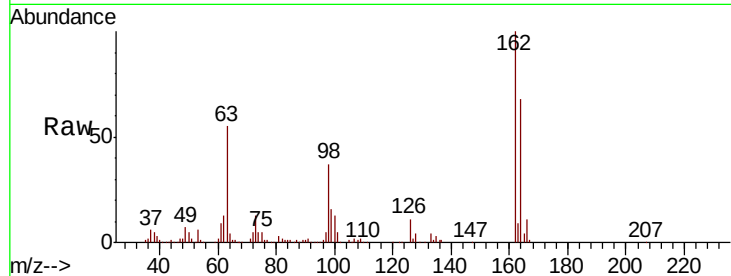
#29
 2,4-Dichlorophenol
 Concen: 40.830 ng
 RT: 10.41 min Scan# 1245
 Delta R.T. -0.00 min
 Lab File: BG043952.D
 Acq: 7 Jan 2020 13:05

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.9	46.3	86.3
98	37.5	17.3	57.3

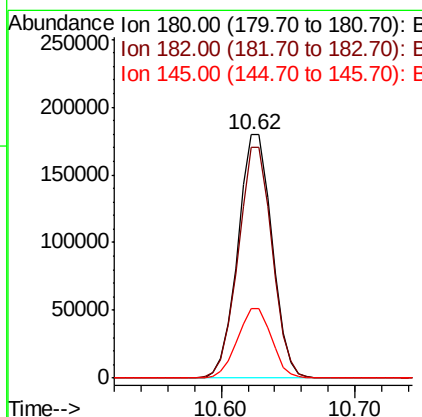
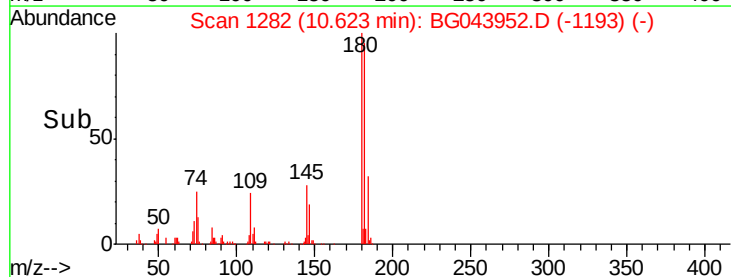
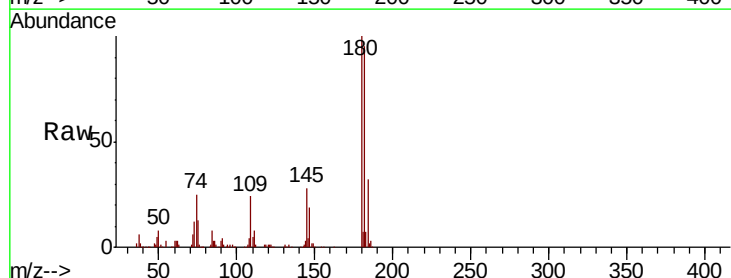
Manual Integrations
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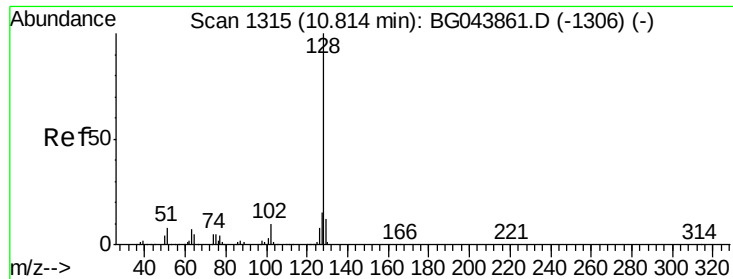
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.431 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BG043952.D
 Acq: 7 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.0	112.4
145	28.3	24.2	36.4





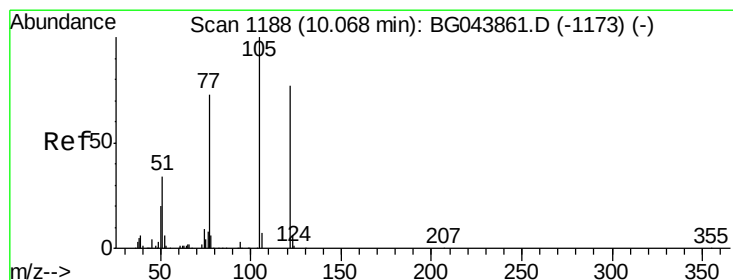
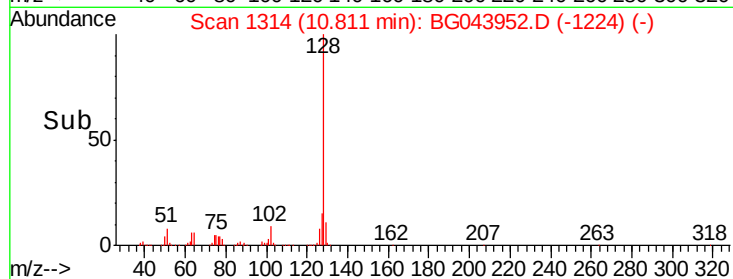
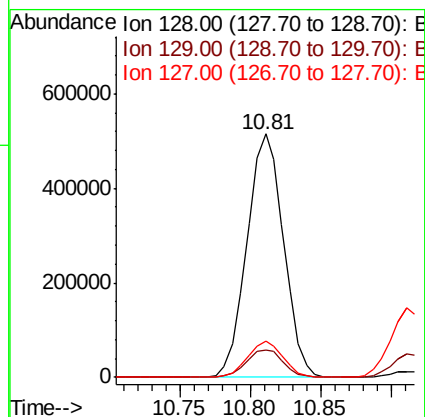
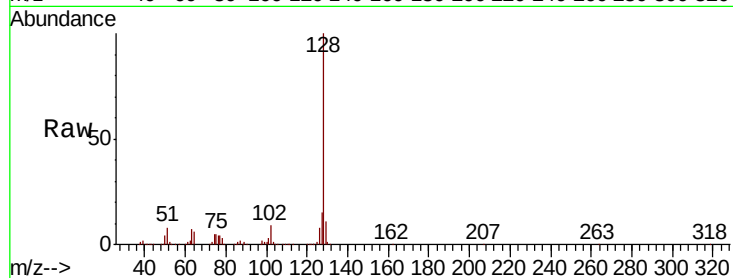
#31
Naphthalene
Concen: 39.079 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

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

Tot Ion:	128	Resp:	936900
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.8	14.6
127	15.0	12.0	18.0

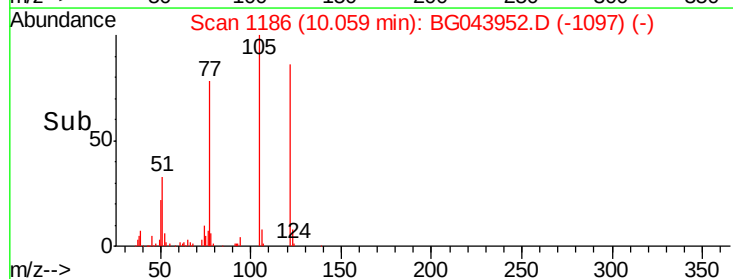
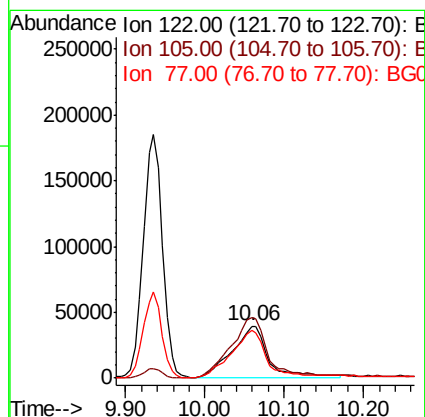
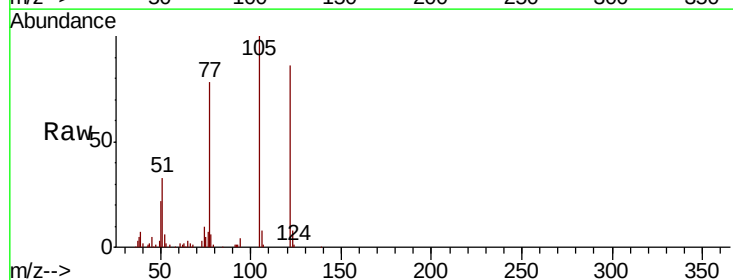
Manual Integrations
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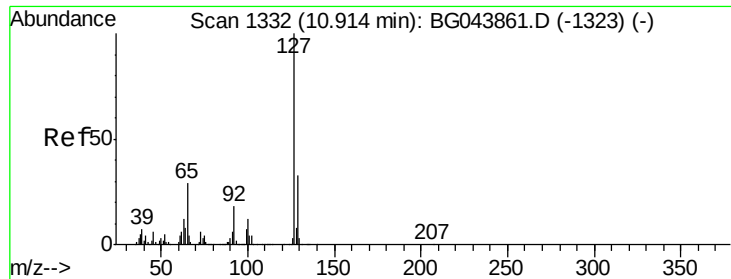
mohammad
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#32
Benzoic acid
Concen: 26.004 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion:	122	Resp:	120779
Ion Ratio	Lower	Upper	
122	100		
105	116.2	106.4	146.4
77	91.0	74.6	114.6





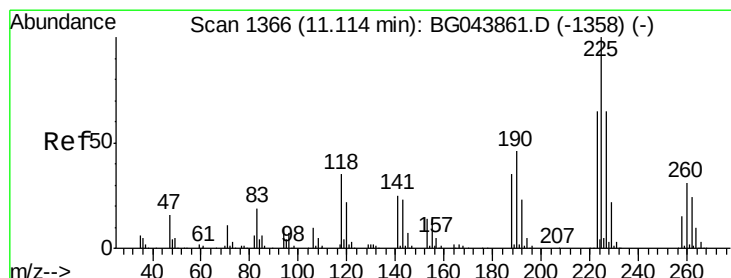
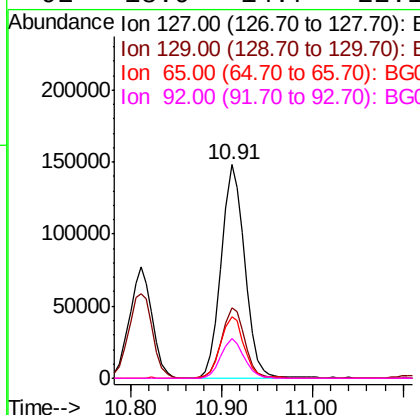
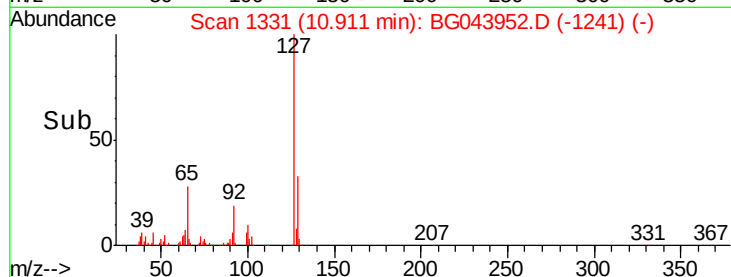
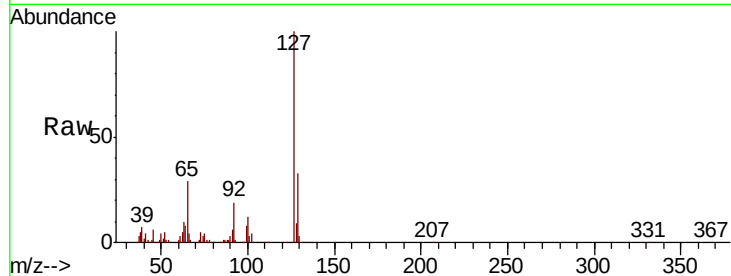
#33
4-Chloroaniline
Concen: 23.240 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.6	40.0		
65	28.7	23.3	34.9		
92	18.9	14.7	22.1		

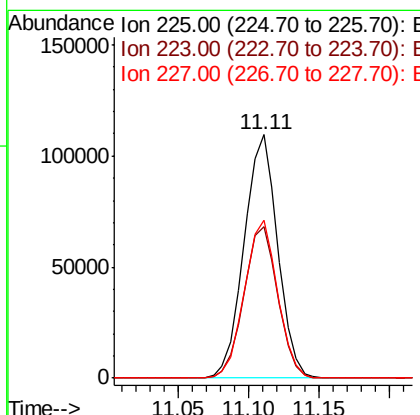
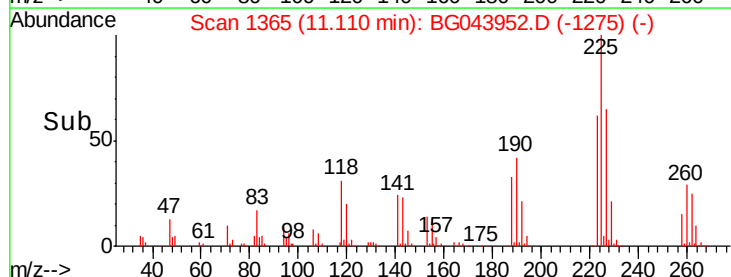
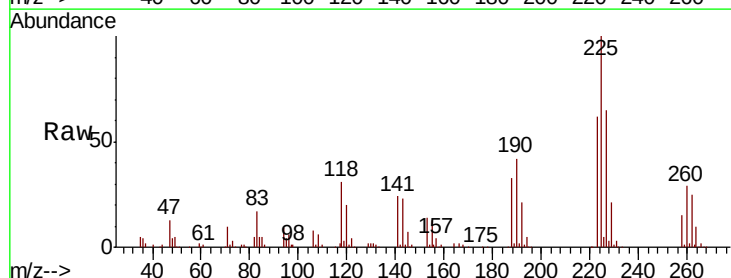
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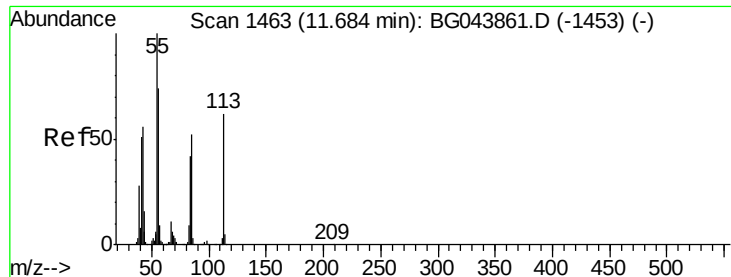
mohammad
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#34
Hexachlorobutadiene
Concen: 34.169 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.0	52.2	78.4		
227	64.7	52.1	78.1		





#35

Caprolactam

Concen: 41.972 ng/ml

RT: 11.67 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

IDOC-W-03-CG

Tot Ion:113 Resp: 121750

Ion Ratio Lower Upper

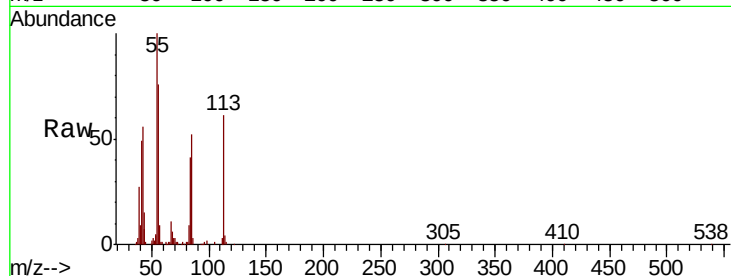
113 100

55 163.3 142.5 182.5

56 124.1 101.4 141.4

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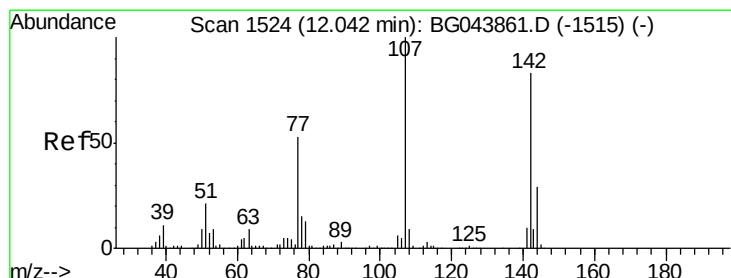
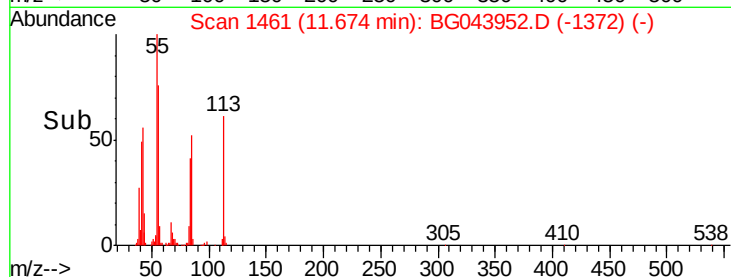
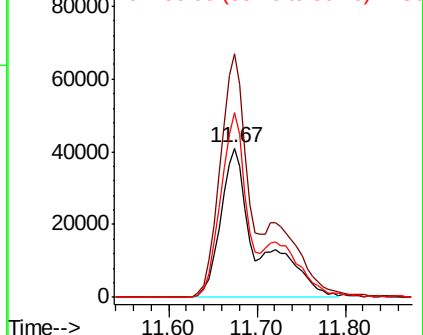
mohammad
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG043861.D (-1453) (-)

Ion 56.00 (55.70 to 56.70): BG043861.D (-1453) (-)



#36

4-Chloro-3-methylphenol

Concen: 41.891 ng/ml

RT: 12.04 min Scan# 1523

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

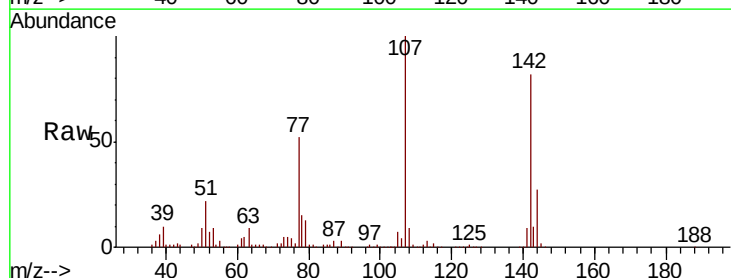
Tgt Ion:107 Resp: 347489

Ion Ratio Lower Upper

107 100

144 26.6 23.4 35.2

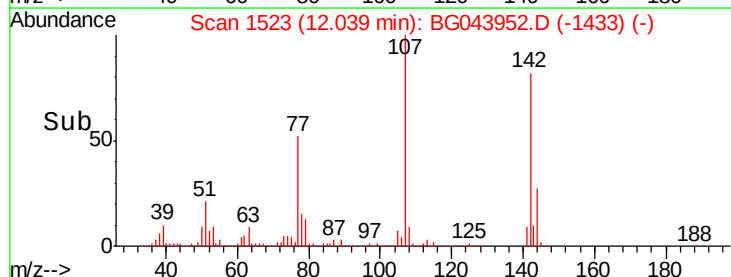
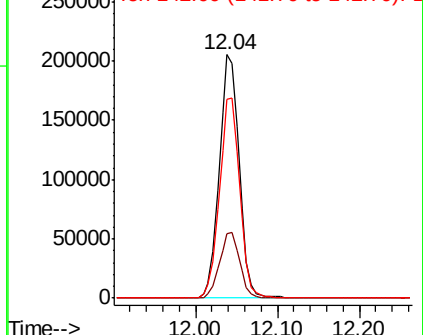
142 81.7 66.3 99.5

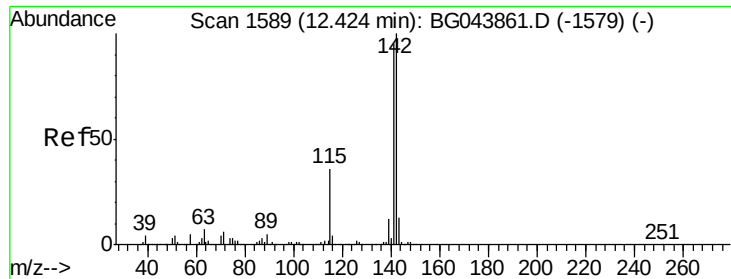


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





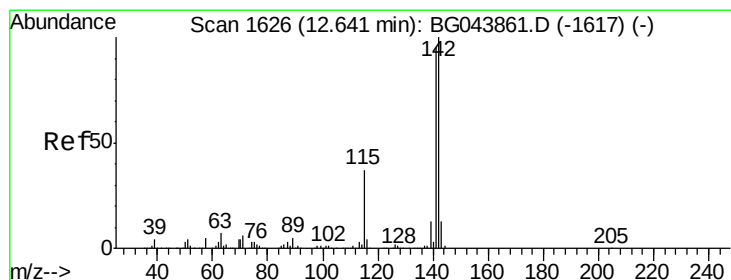
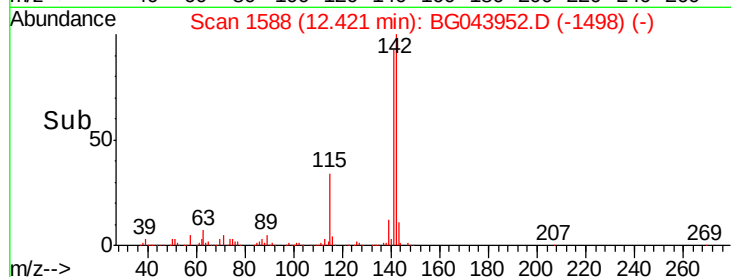
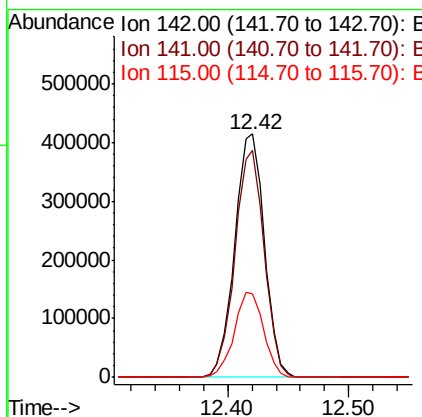
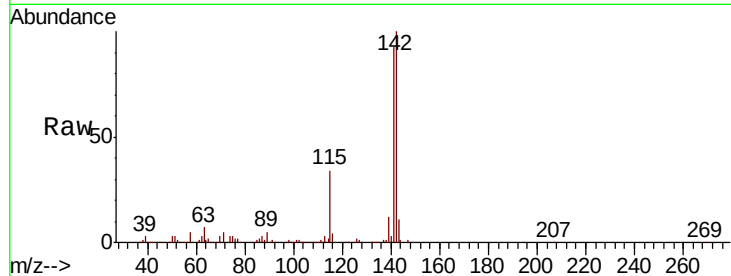
#37
2-Methylnaphthalene
Concen: 39.388 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.1	75.8	113.8
115	34.1	28.6	42.8

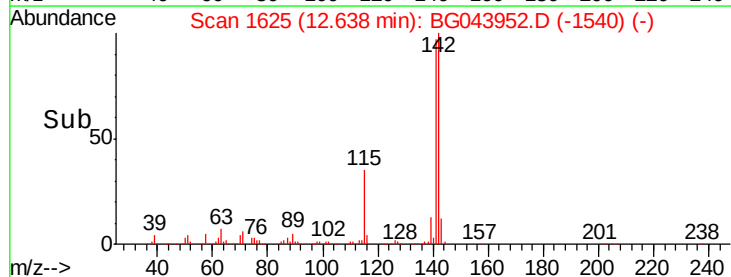
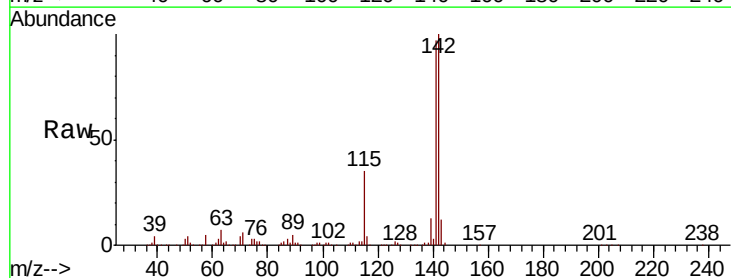
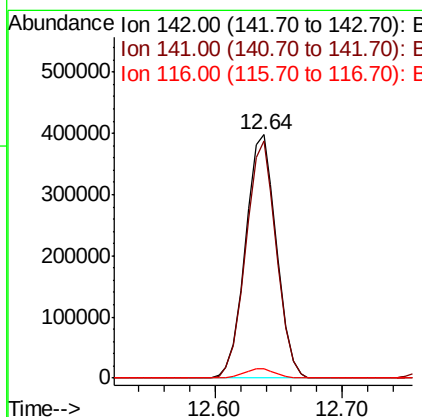
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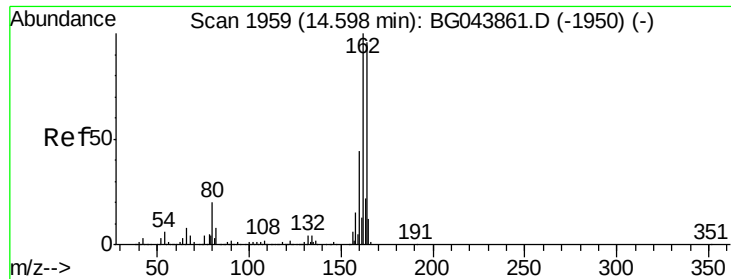
mohammad
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#38
1-Methylnaphthalene
Concen: 39.340 ng
RT: 12.64 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.2	76.0	114.0
116	3.7	3.1	4.7





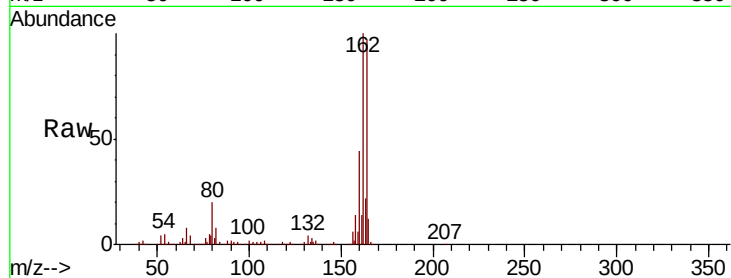
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

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

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.6	83.0	124.4	
160	46.1	36.1	54.1	

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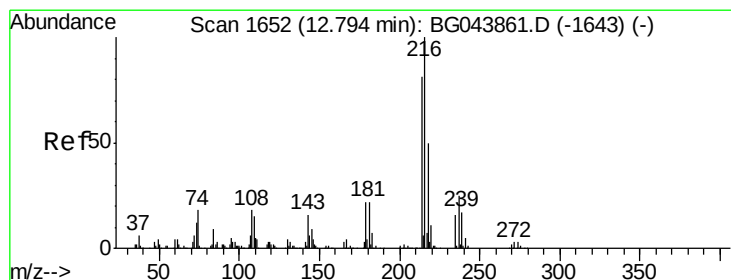
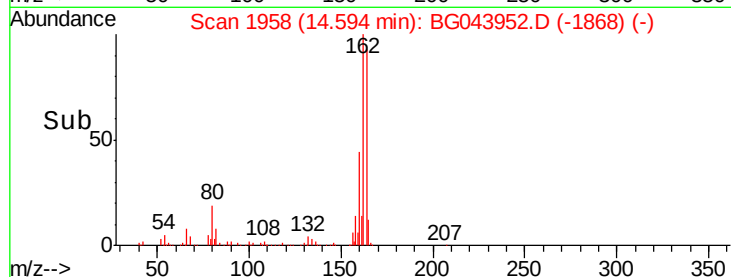
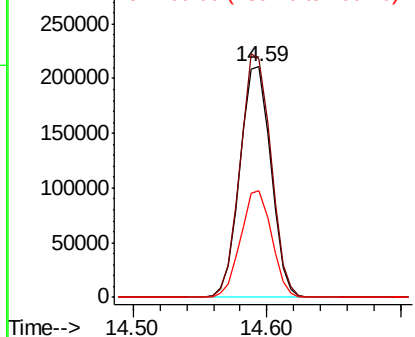


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.983 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.7	63.8	95.8	
179	21.6	17.3	25.9	
108	20.8	15.3	22.9	

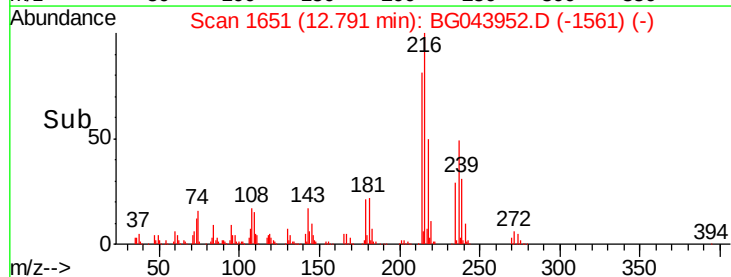
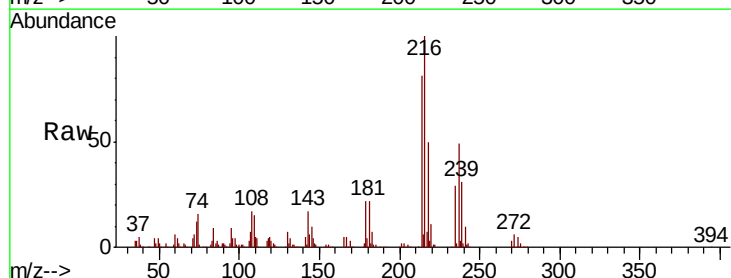
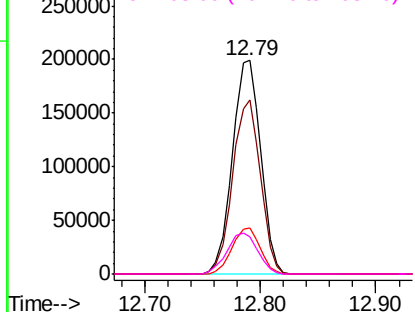
Abundance

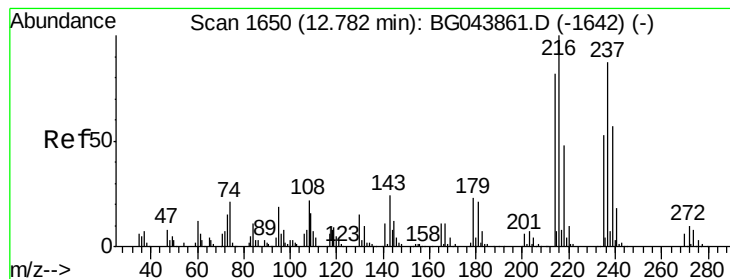
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 84.159 ng

RT: 12.77 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

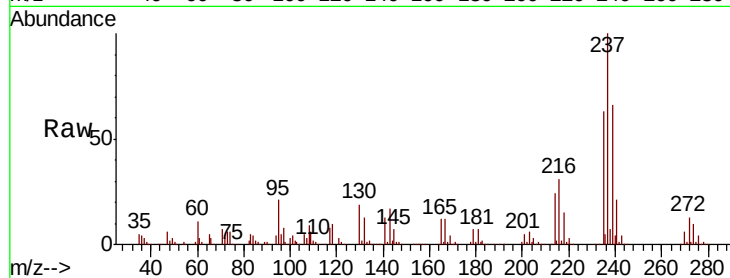
ClientSampleId :

IDOC-W-03-CG

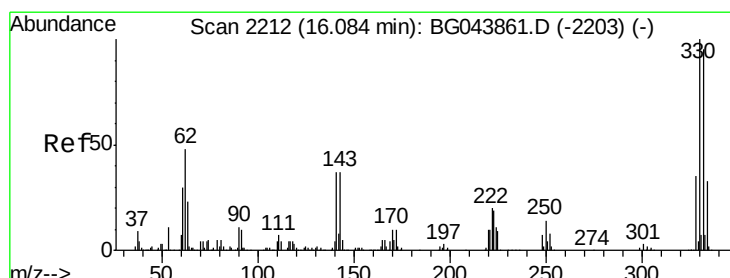
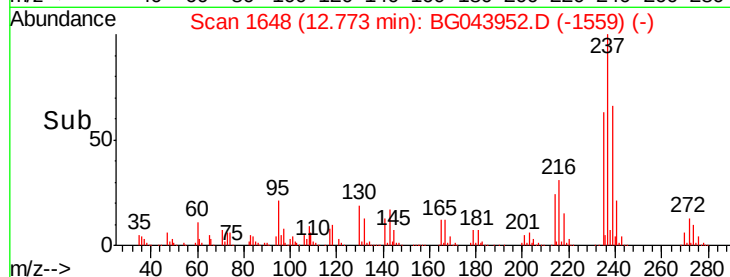
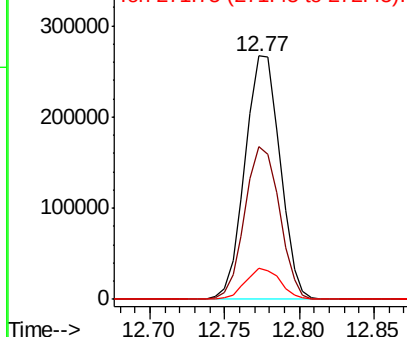
Tot Ion:	237	Resp:	433488
Ion Ratio	Lower	Upper	
237	100		
235	62.9	41.1	81.1
272	13.0	0.0	31.7

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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: 107.650 ng

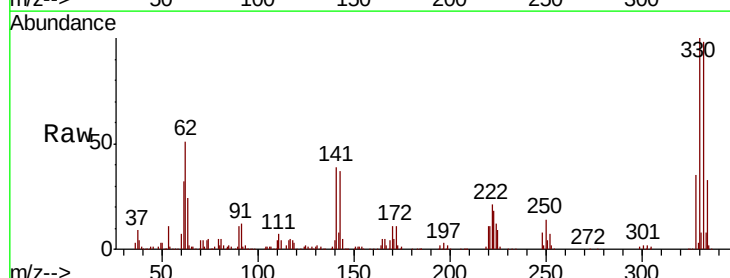
RT: 16.08 min Scan# 2211

Delta R.T. -0.00 min

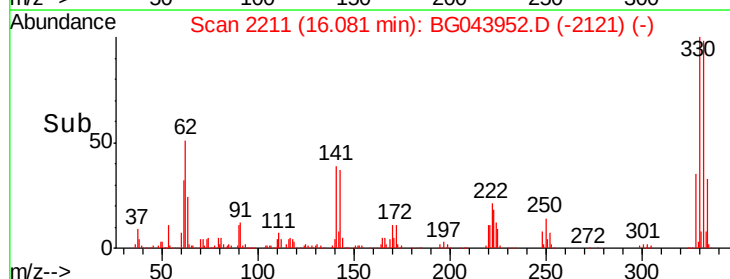
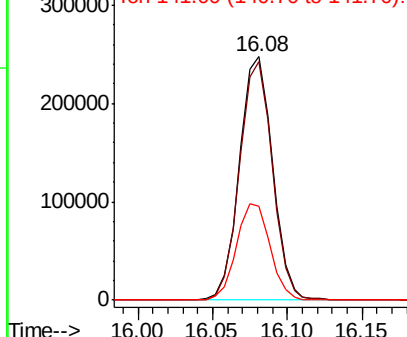
Lab File: BG043952.D

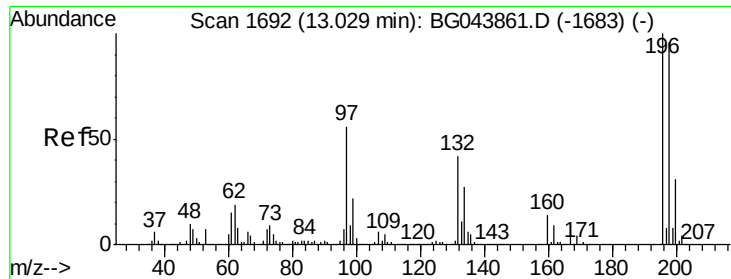
Acq: 7 Jan 2020 13:05

Tgt Ion:	330	Resp:	381865
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.2	115.8
141	40.5	33.1	49.7



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





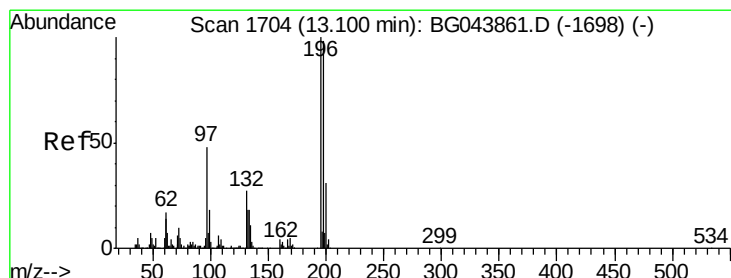
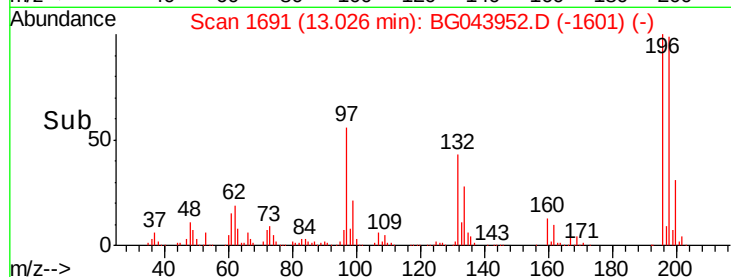
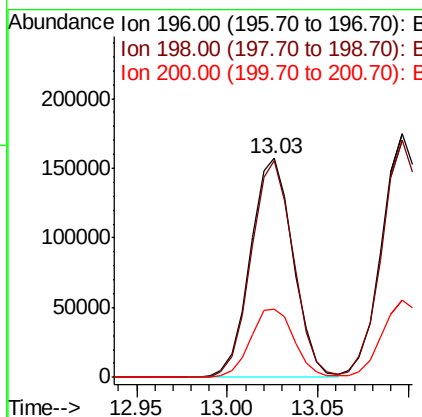
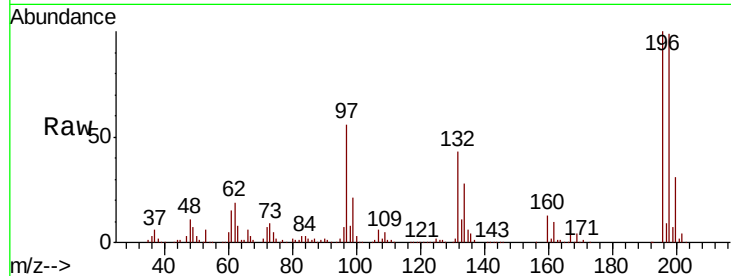
#43
 2,4,6-Trichlorophenol
 Concen: 37.620 ng
 RT: 13.03 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG043952.D
 Acq: 7 Jan 2020 13:05

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	257179		
198	99.1	76.6	115.0	
200	31.3	24.6	37.0	

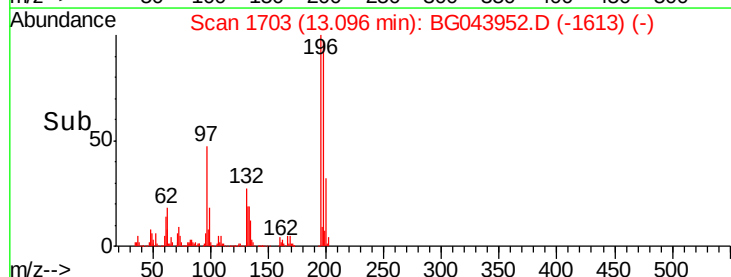
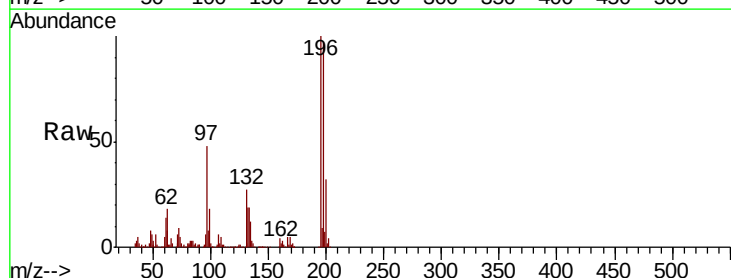
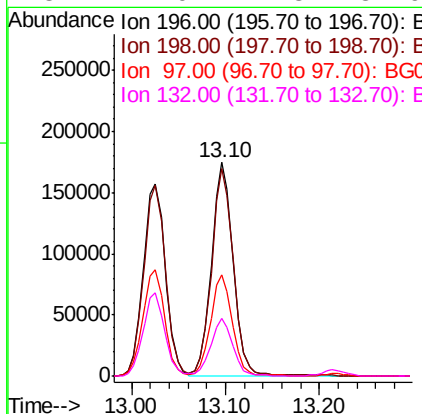
Manual Integrations
 APPROVED

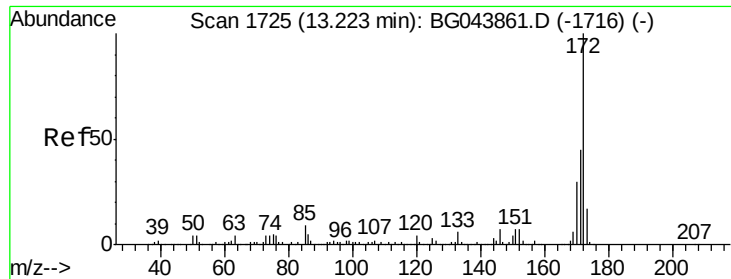
mohammad
 1/8/2020 4:26:05 PM



#44
 2,4,5-Trichlorophenol
 Concen: 39.902 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043952.D
 Acq: 7 Jan 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	281340		
198	97.3	78.3	117.5	
97	47.5	38.8	58.2	
132	27.0	21.3	31.9	





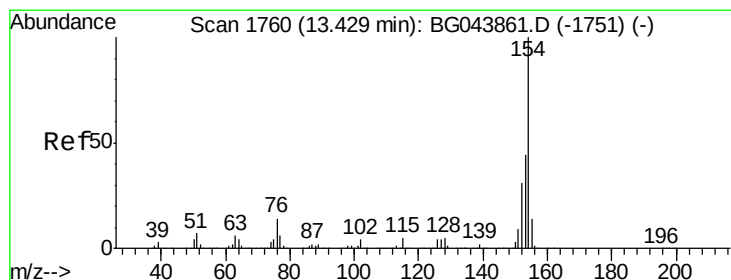
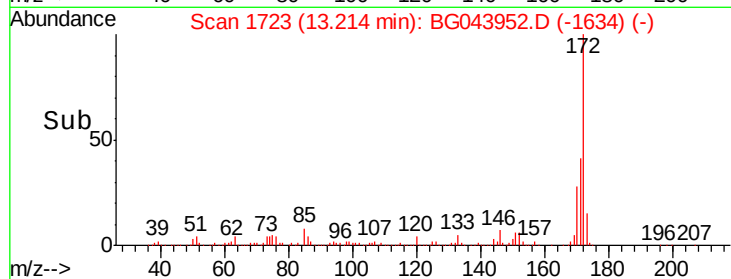
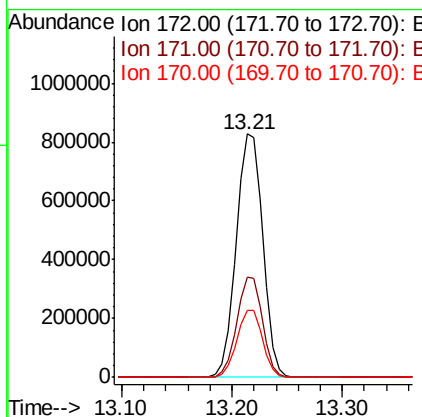
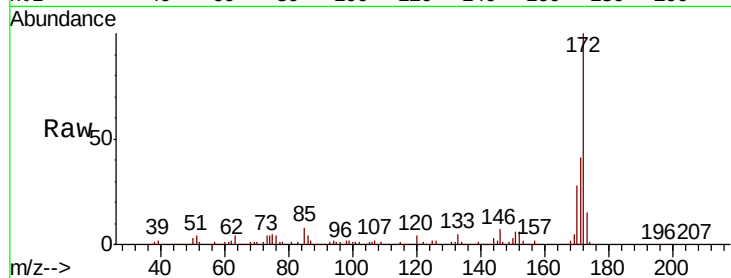
#45
2-Fluorobiphenyl
Concen: 74.686 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.1	35.8	53.8
170	27.7	24.2	36.4

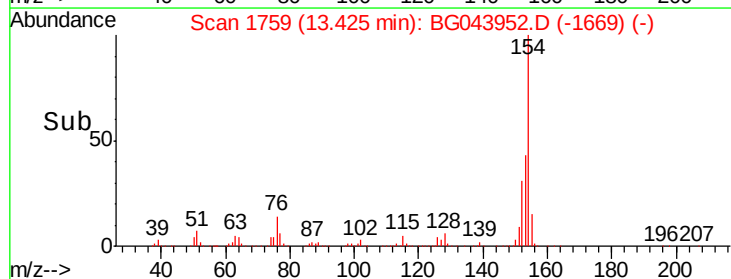
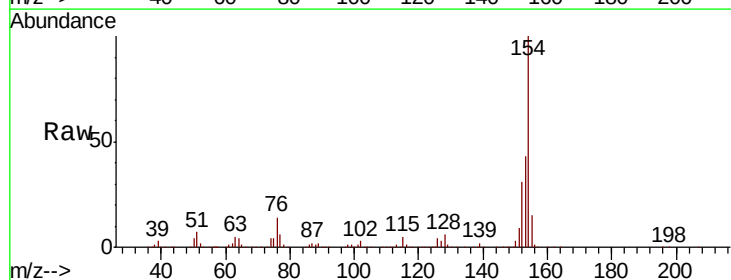
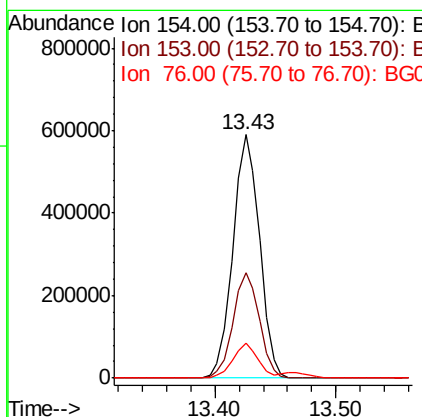
Manual Integrations
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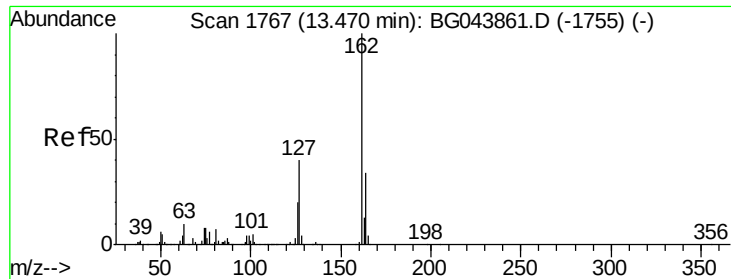
mohammad
1/8/2020 4:26:05 PM



#46
1,1'-Biphenyl
Concen: 37.186 ng
RT: 13.43 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.5	23.6	63.6
76	14.4	0.0	34.4





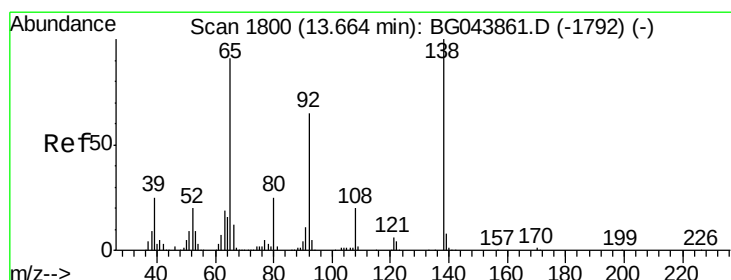
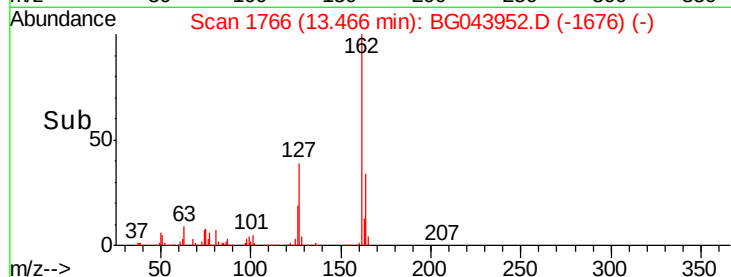
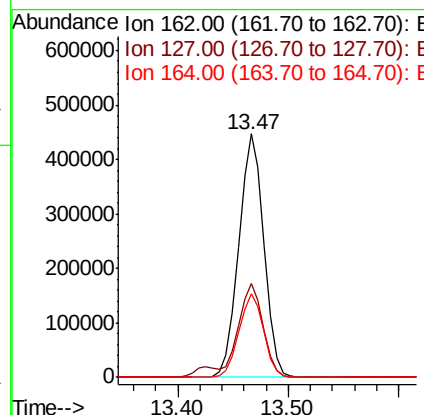
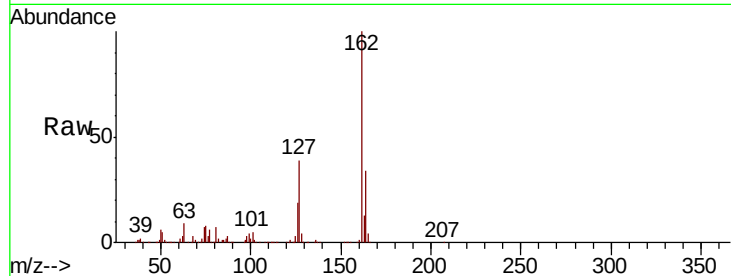
#47
 2-Chloronaphthalene
 Concen: 36.092 ng
 RT: 13.47 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BG043952.D
 Acq: 7 Jan 2020 13:05

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

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	38.7	32.1	48.1
164	34.5	27.5	41.3

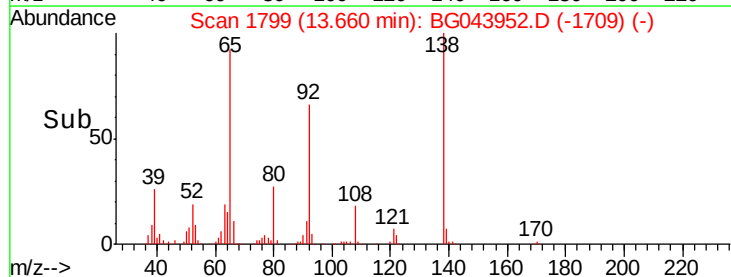
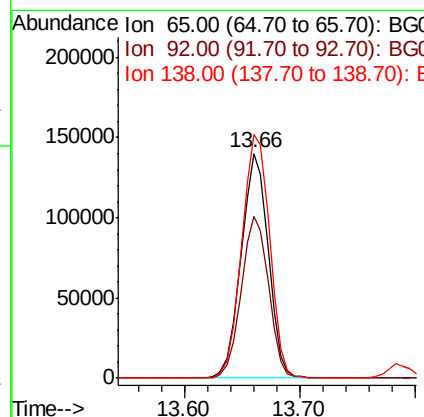
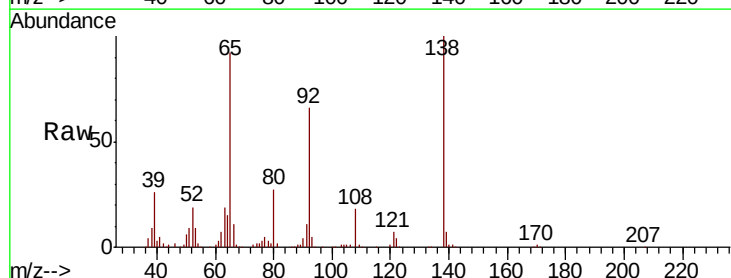
Manual Integrations
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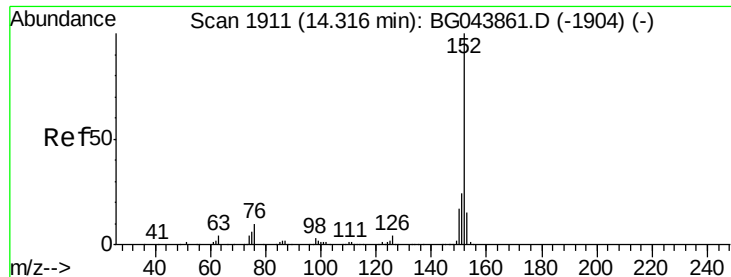
mohammad
 1/8/2020 4:26:05 PM



#48
 2-Nitroaniline
 Concen: 36.101 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.00 min
 Lab File: BG043952.D
 Acq: 7 Jan 2020 13:05

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	72.0	57.4	86.2
138	108.4	88.2	132.4





#49

Acenaphthylene

Concen: 39.775 ng

RT: 14.31 min Scan# 1910

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

IDOC-W-03-CG

Tot Ion:152 Resp: 1122727

Ion Ratio Lower Upper

152 100

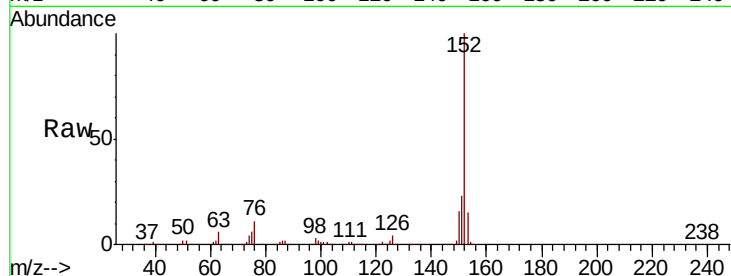
151 22.7 19.4 29.2

153 15.1 12.0 18.0

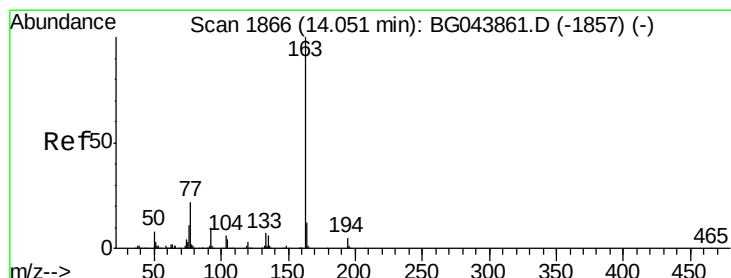
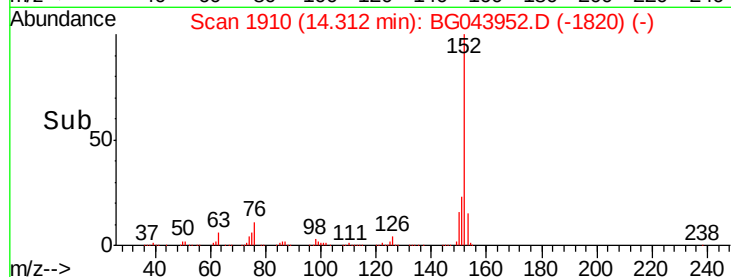
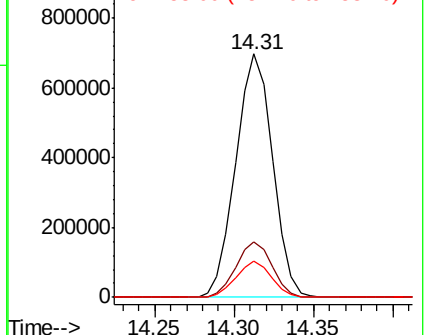
Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.162 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

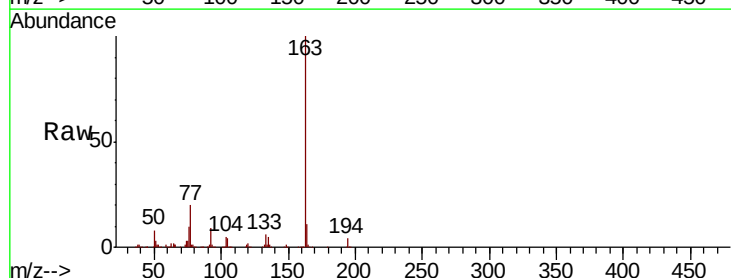
Tgt Ion:163 Resp: 918485

Ion Ratio Lower Upper

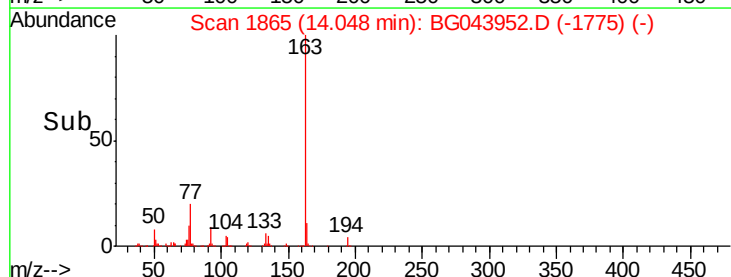
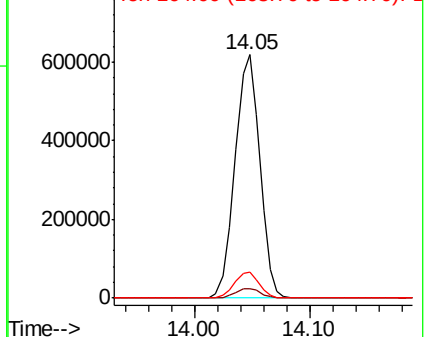
163 100

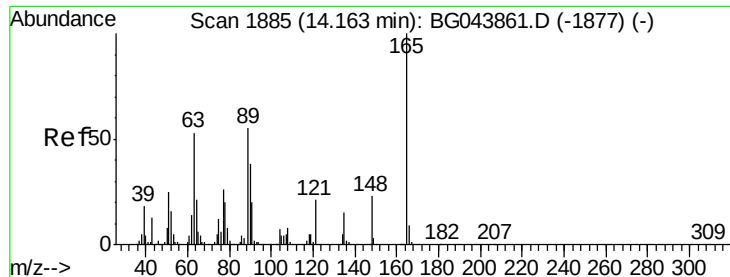
194 4.0 3.7 5.5

164 10.5 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





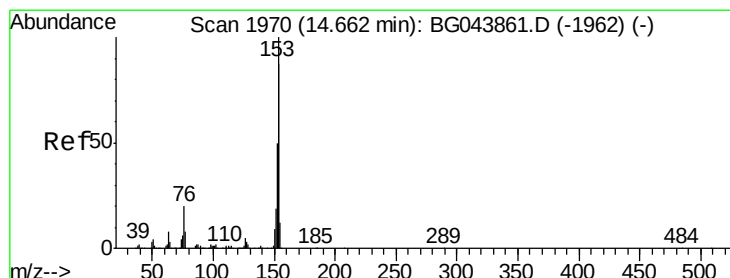
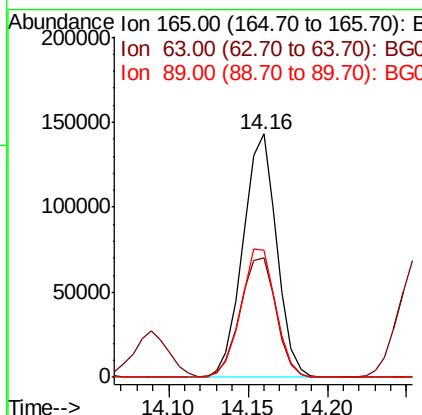
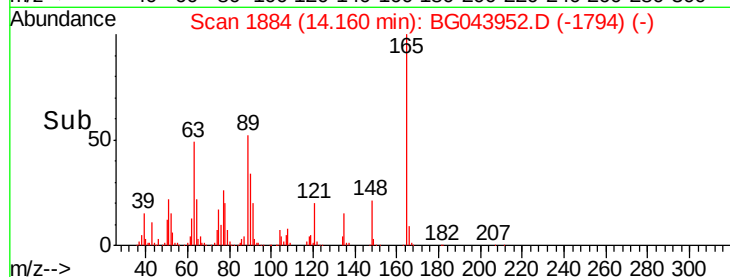
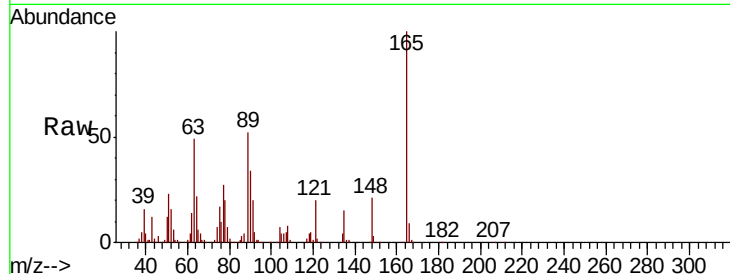
#51
2,6-Dinitrotoluene
Concen: 38.812 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	211136		
63	49.2		43.1	64.7
89	52.4		43.8	65.6

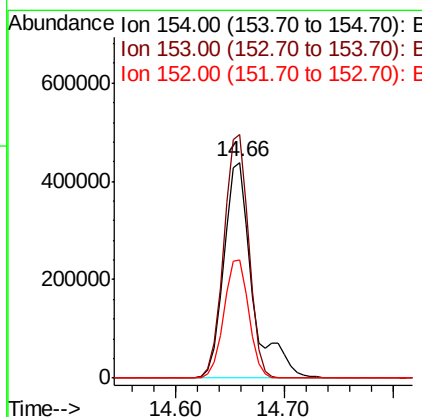
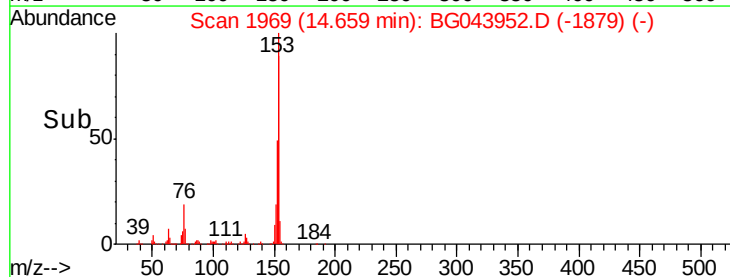
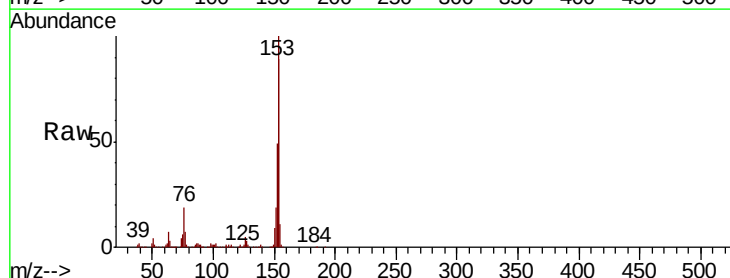
Manual Integrations
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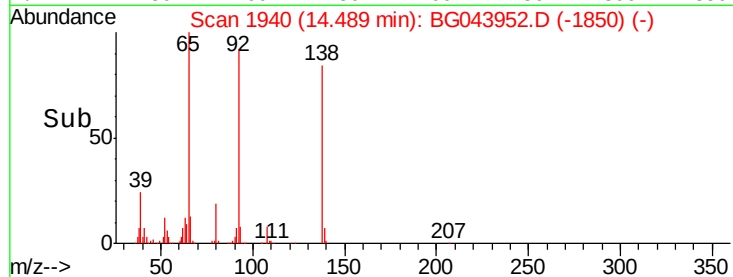
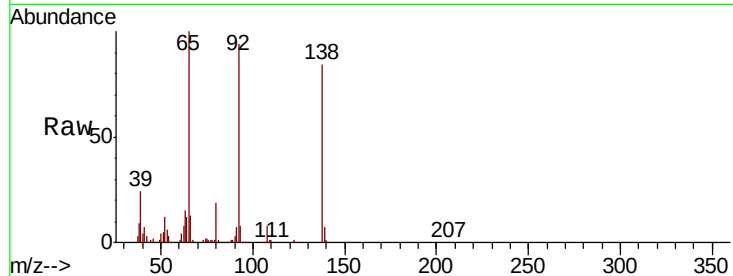
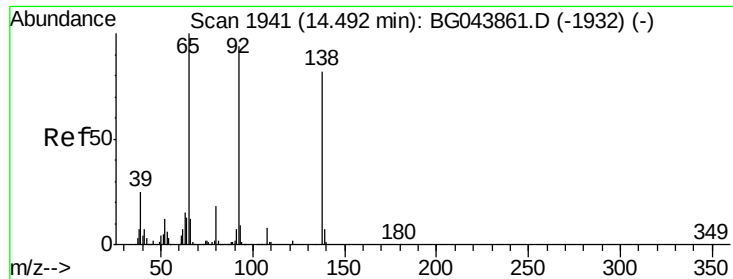
mohammad
1/8/2020 4:26:05 PM



#52
Acenaphthene
Concen: 40.430 ng m
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	800316		
153	112.8		91.6	137.4
152	54.9		45.4	68.0





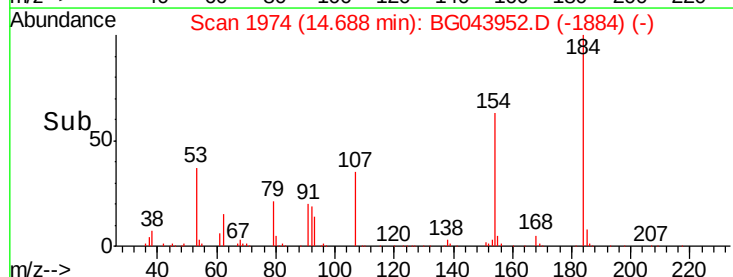
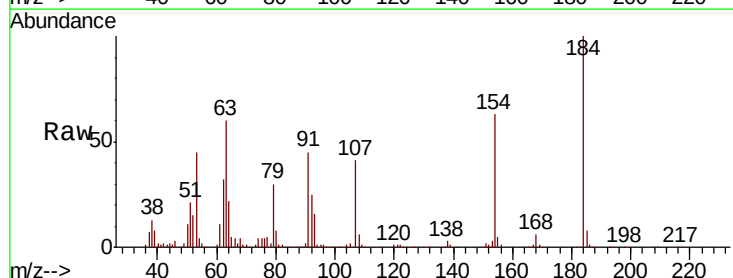
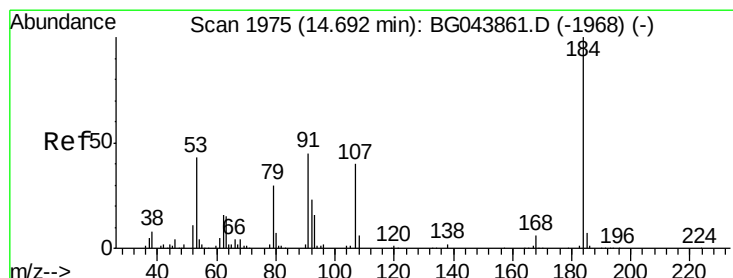
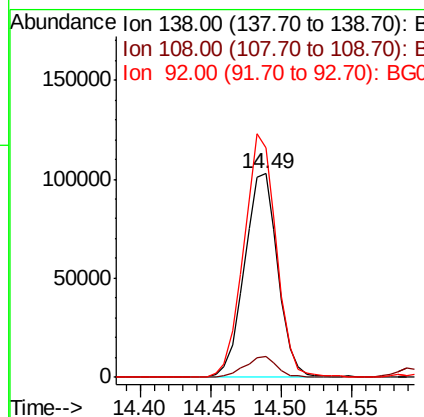
#53
3-Nitroaniline
Concen: 27.468 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	7.4	11.2
92	112.8	92.1	138.1

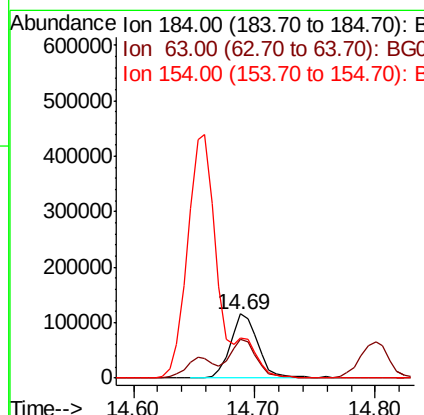
Manual Integrations
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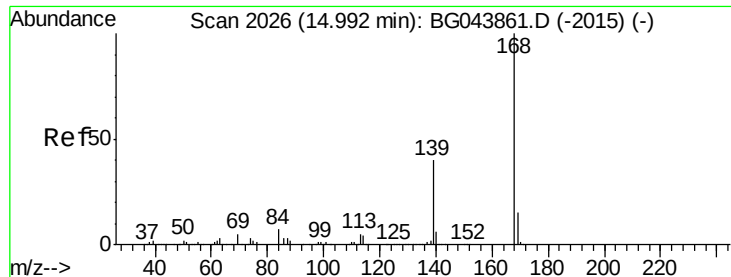
mohammad
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#54
2,4-Dinitrophenol
Concen: 68.139 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.4	46.6	70.0
154	62.7	50.2	75.4





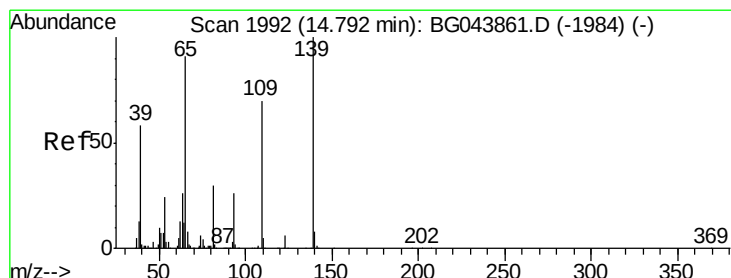
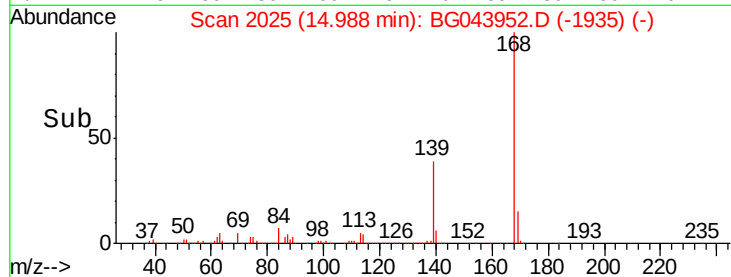
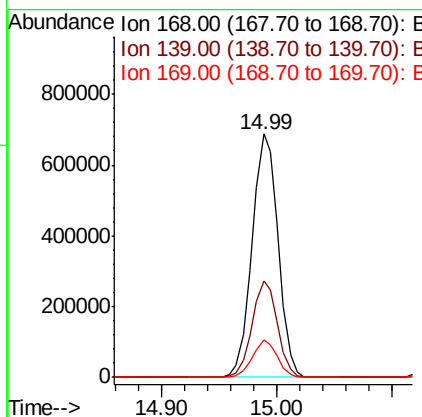
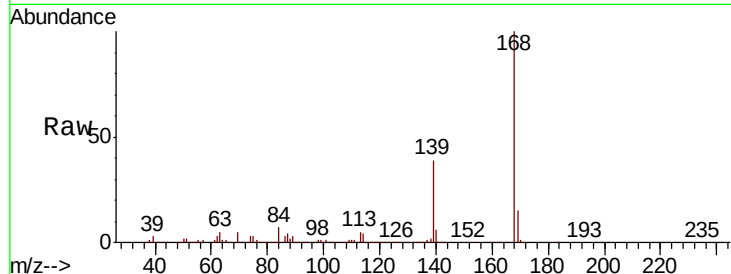
#55
Dibenzofuran
Concen: 39.525 ng
RT: 14.99 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	32.2	48.2
169	15.3	12.2	18.2

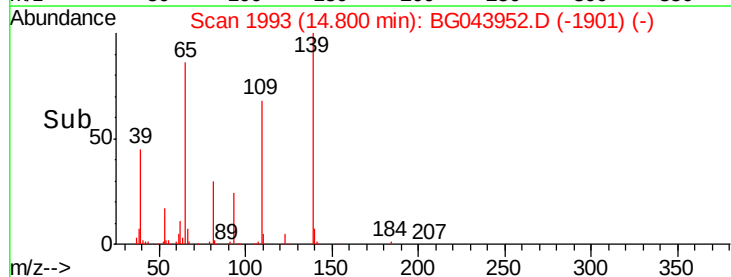
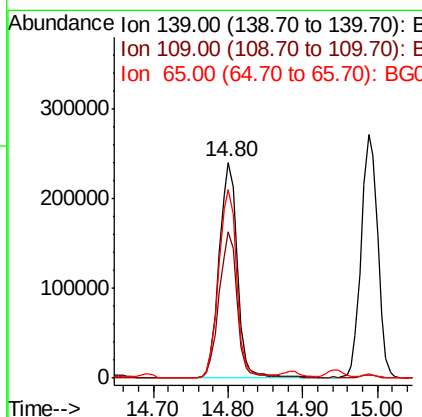
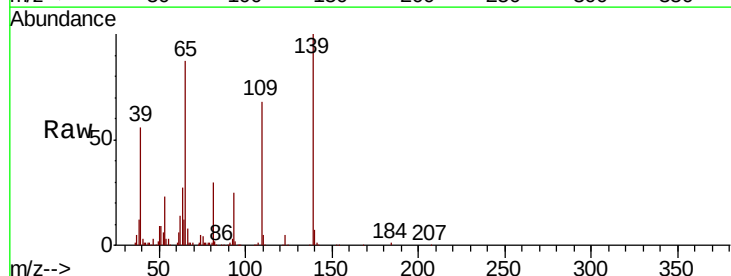
Manual Integrations
APPROVED

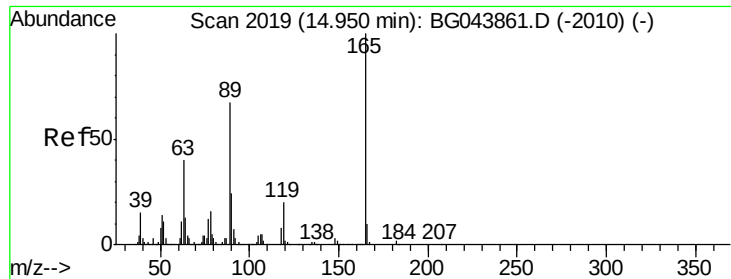
mohammad
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#56
4-Nitrophenol
Concen: 86.708 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.01 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.1	50.4	90.4
65	87.5	71.4	111.4





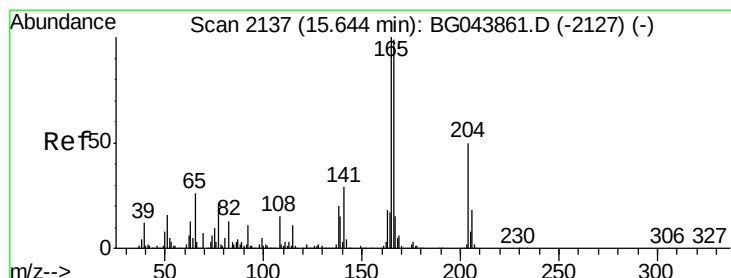
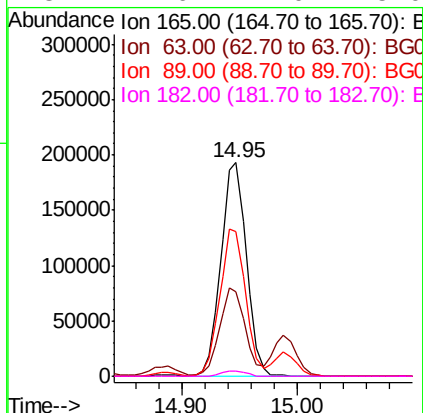
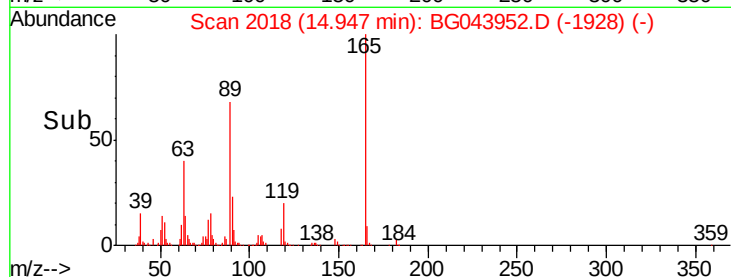
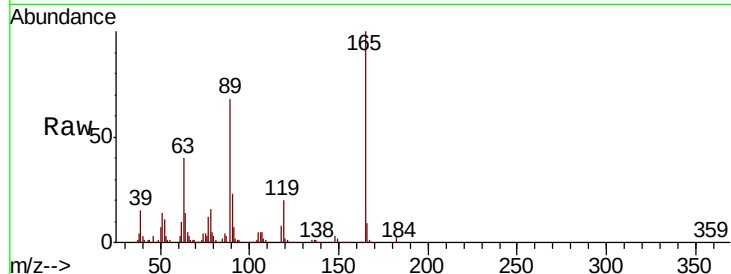
#57
2,4-Dinitrotoluene
Concen: 39.867 ng
RT: 14.95 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		295105		
63	39.6		31.9	47.9	
89	67.9		53.8	80.6	
182	2.6		2.0	3.0	

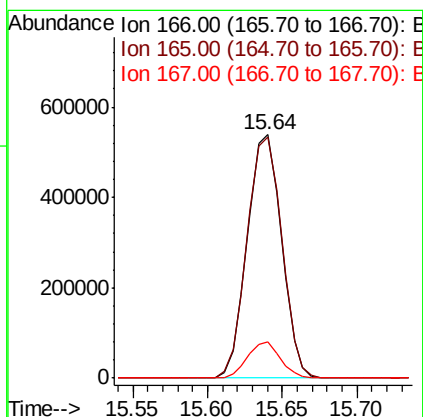
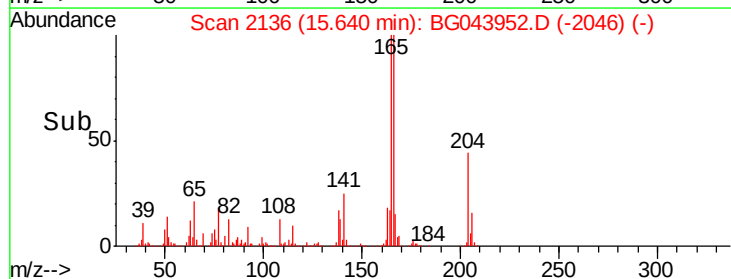
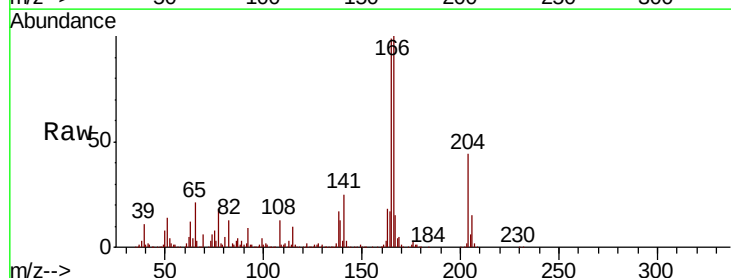
Manual Integrations
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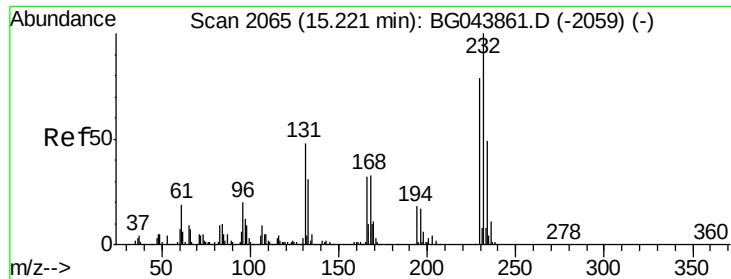
mohammad
1/8/2020 4:26:05 PM



#58
Fluorene
Concen: 39.711 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		857700		
165	99.0		80.8	121.2	
167	14.6		12.1	18.1	





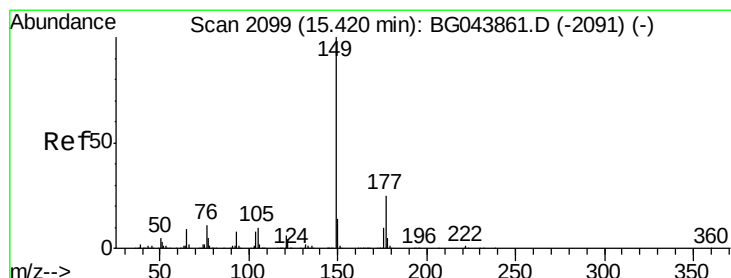
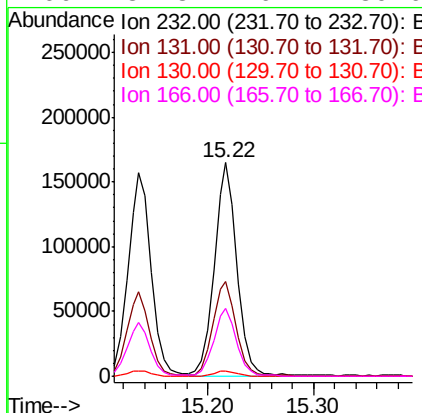
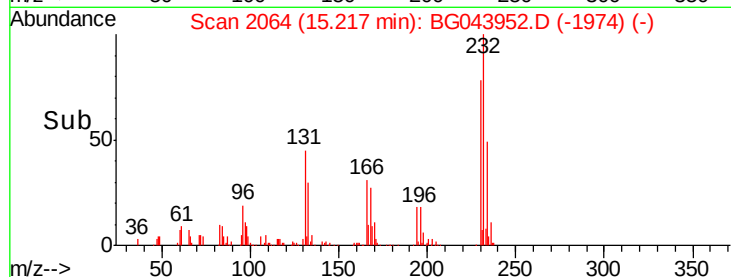
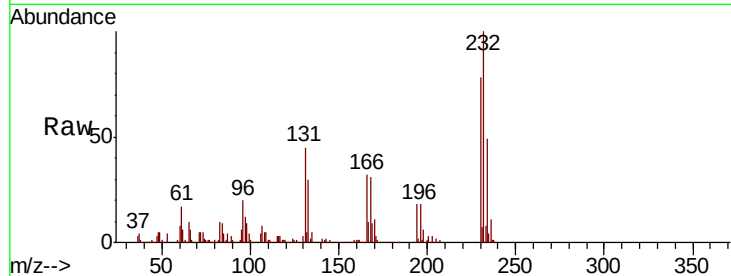
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.480 ng
RT: 15.22 min Scan# 2064
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

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

Tot Ion:	232	Resp:	245424
Ion Ratio	Lower	Upper	
232	100		
131	45.8	38.2	57.2
130	2.6	2.2	3.2
166	31.8	26.4	39.6

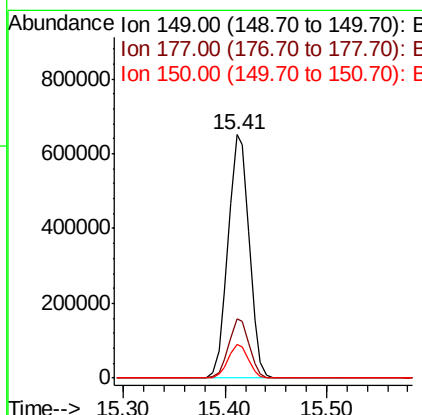
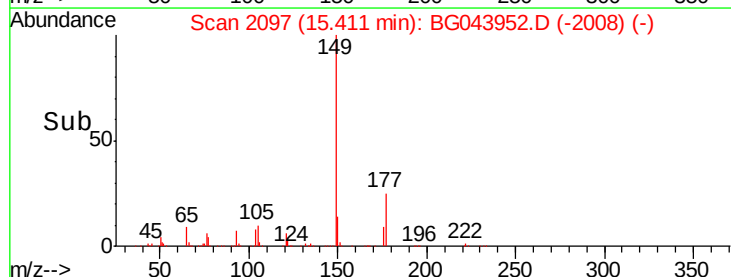
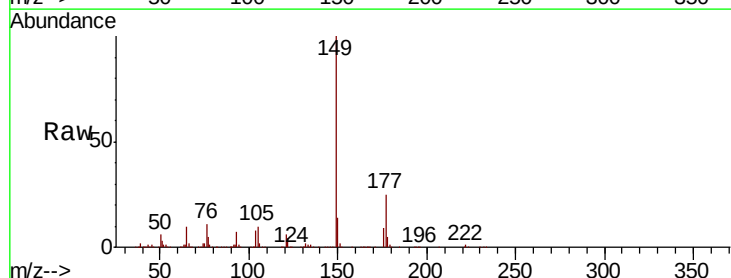
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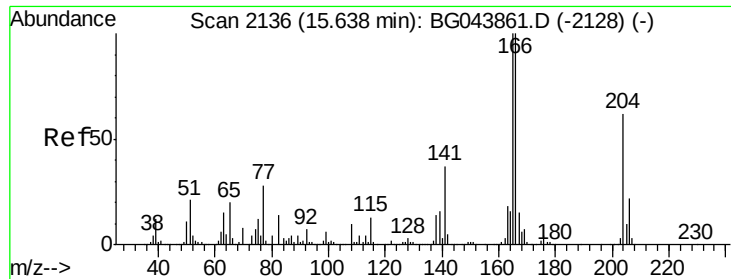
mohammad
1/8/2020 4:26:05 PM



#60
Diethylphthalate
Concen: 38.946 ng
RT: 15.41 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion:	149	Resp:	937554
Ion Ratio	Lower	Upper	
149	100		
177	24.6	20.0	30.0
150	13.7	11.1	16.7





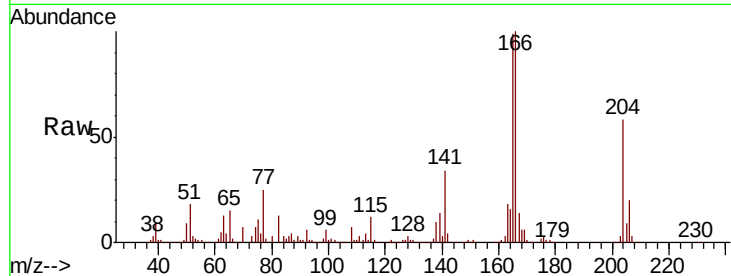
#61
4-Chlorophenyl-phenylether
Concen: 37.858 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	28.2	42.2
141	58.3	48.2	72.2

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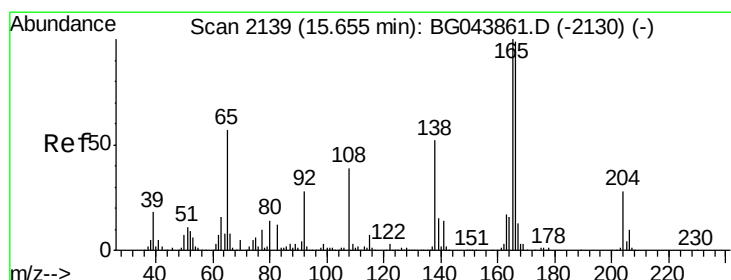
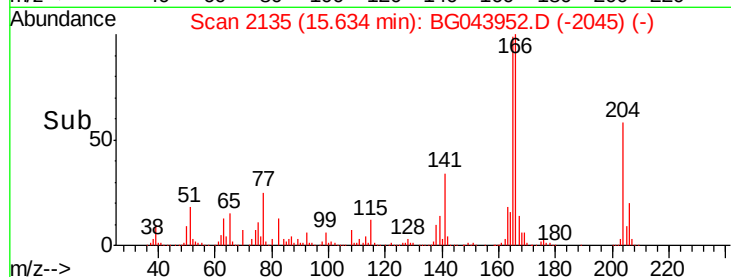
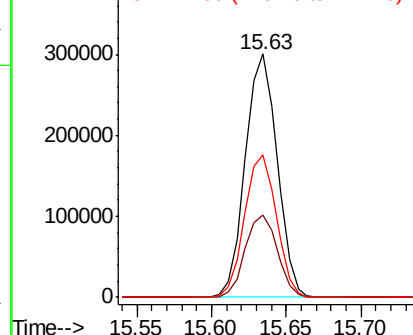


Abundance

Ion 204.00 (203.70 to 204.70): E

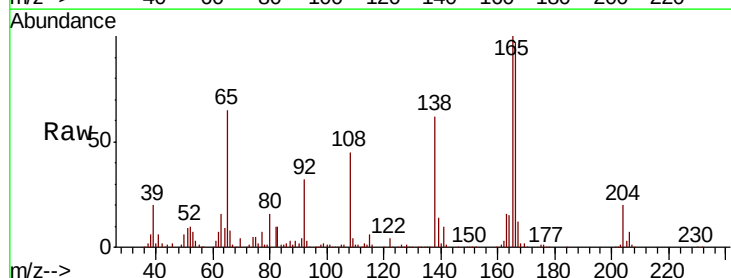
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 37.495 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.3	34.3	74.3
108	72.7	55.0	95.0

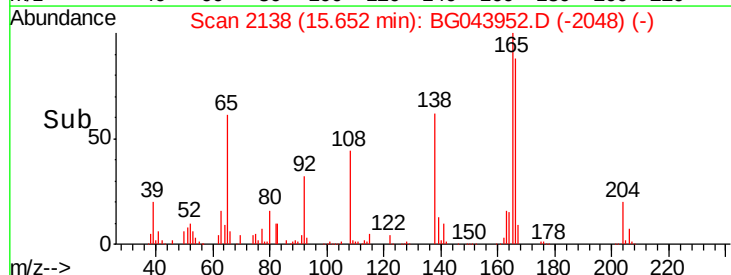
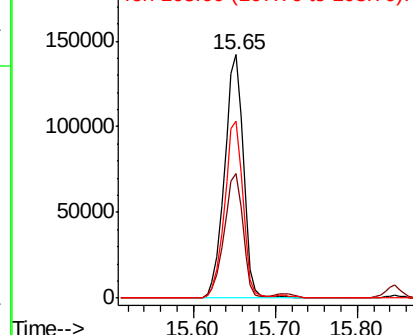


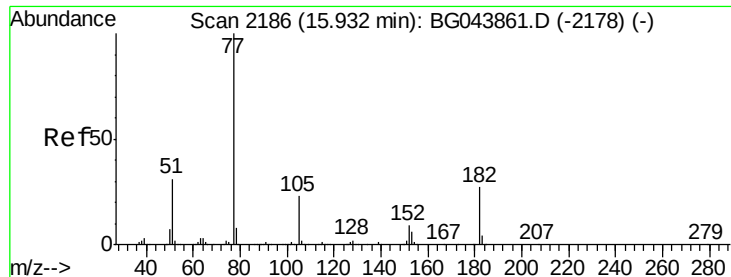
Abundance

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: 39.518 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

IDOC-W-03-CG

Tot Ion: 77 Resp: 882245

Ion Ratio Lower Upper

77 100

182 27.8 7.3 47.3

105 23.6 3.2 43.2

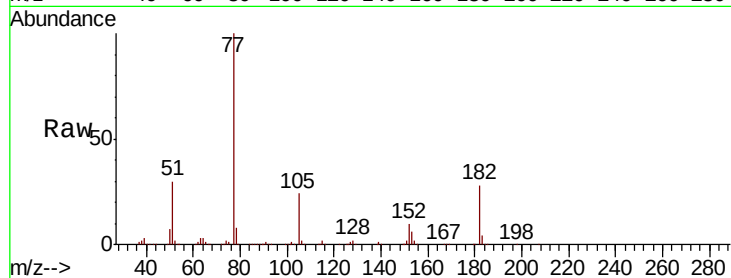
51 30.4 10.6 50.6

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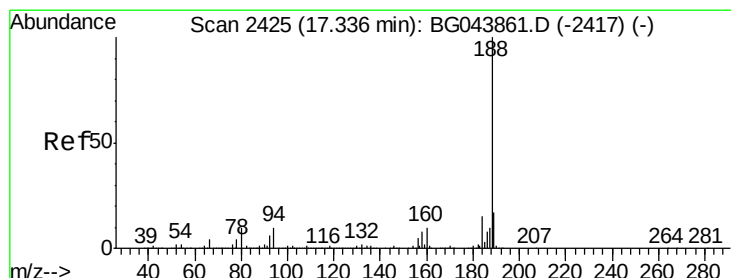
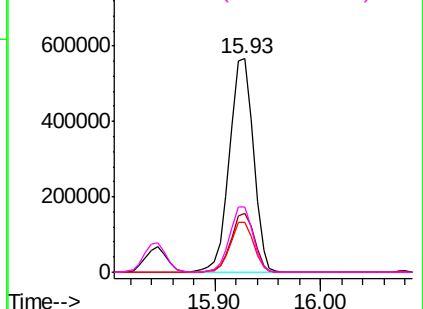
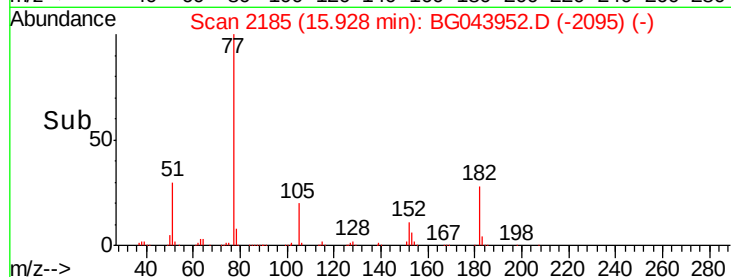


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.33 min Scan# 2424

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

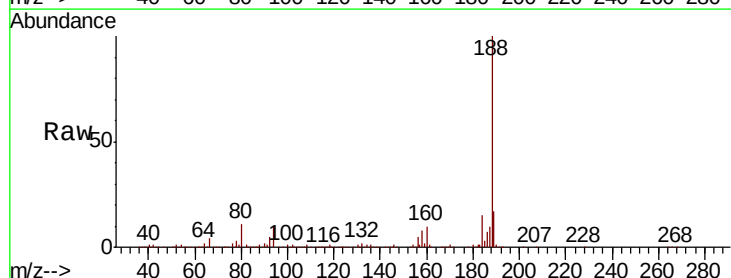
Tgt Ion: 188 Resp: 738011

Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

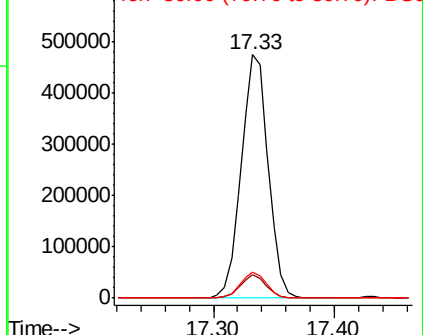
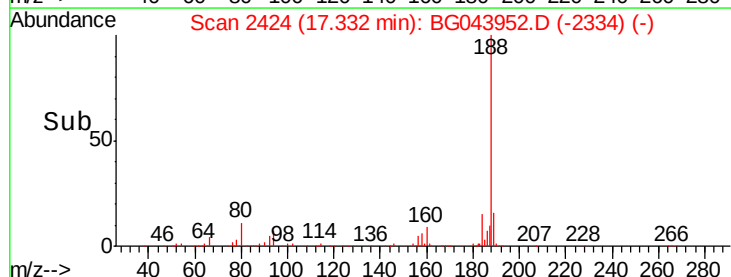
80 10.9 8.2 12.4

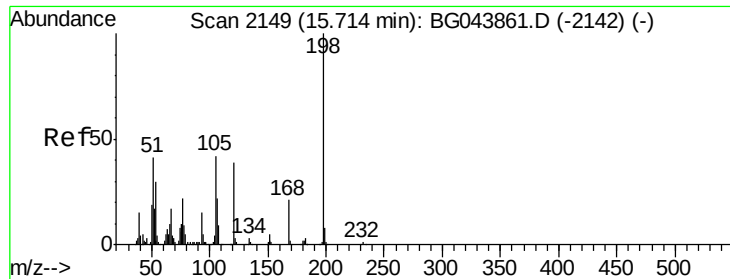


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





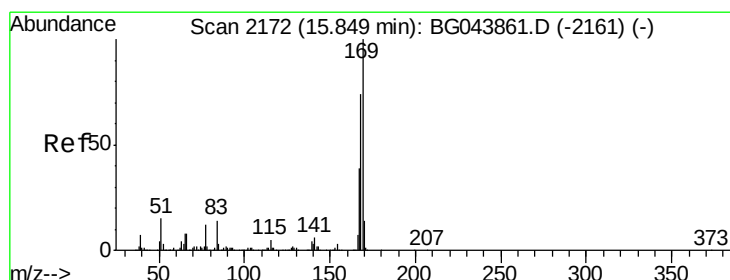
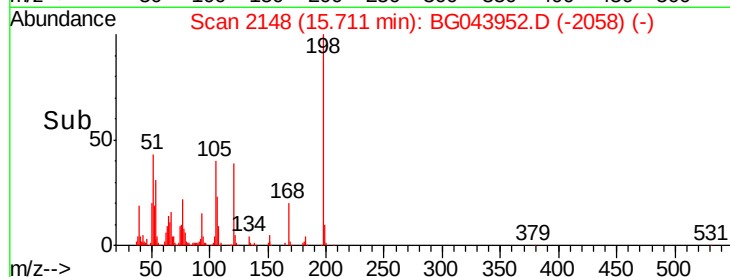
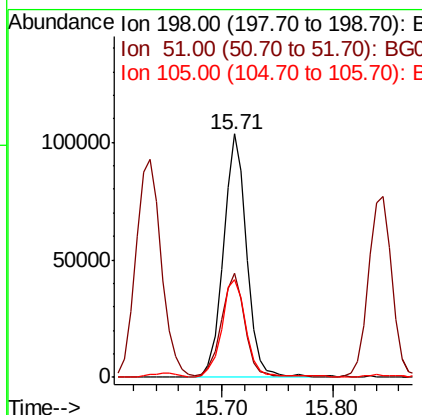
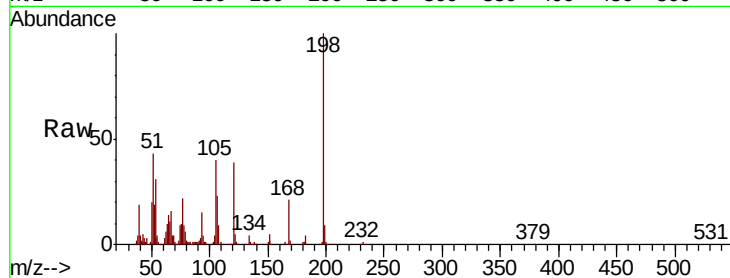
#65
4,6-Dinitro-2-methylphenol
Concen: 40.761 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

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

Tot Ion	Ratio	Lower	Upper
198	100		
51	42.7	22.5	62.5
105	40.1	22.3	62.3

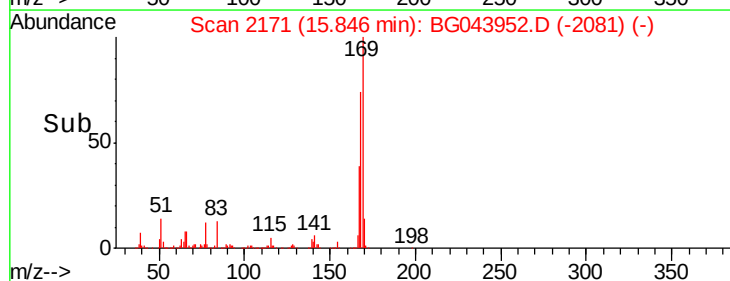
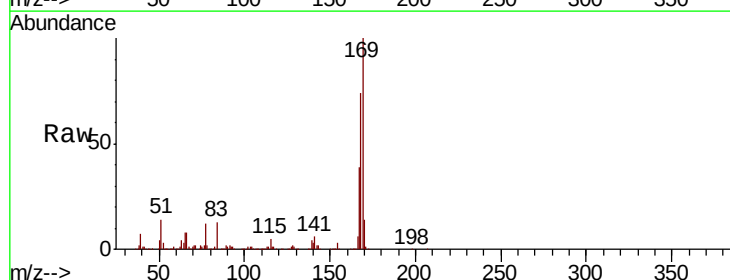
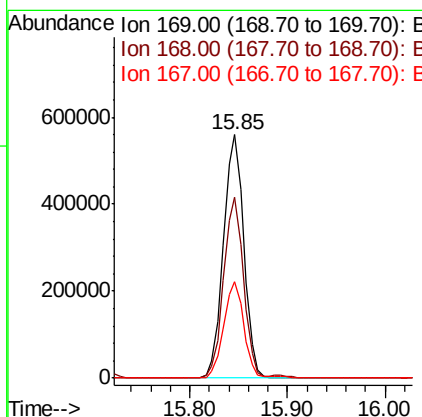
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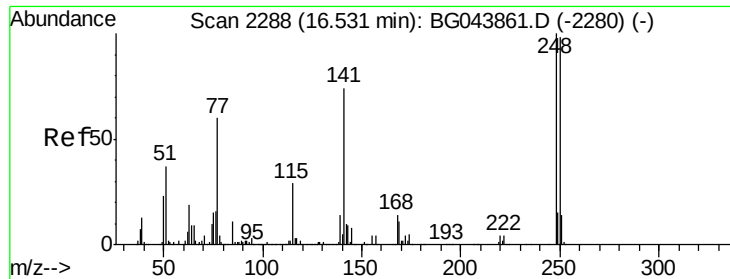
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#66
n-Nitrosodiphenylamine
Concen: 37.309 ng
RT: 15.85 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
169	100		
168	74.2	59.0	88.6
167	39.5	31.4	47.0





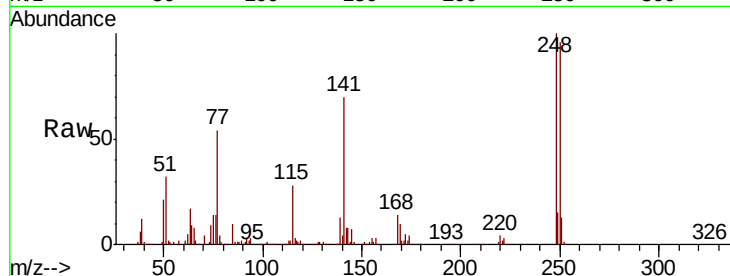
#67
4-Bromophenyl-phenylether
Concen: 34.857 ng
RT: 16.53 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	78.2	117.2
141	69.6	59.3	88.9

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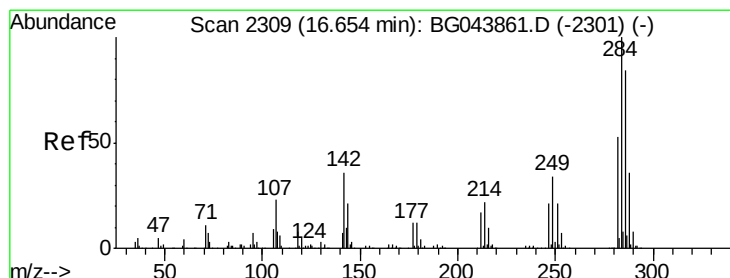
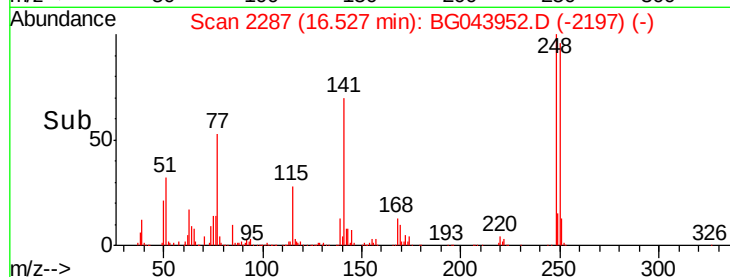
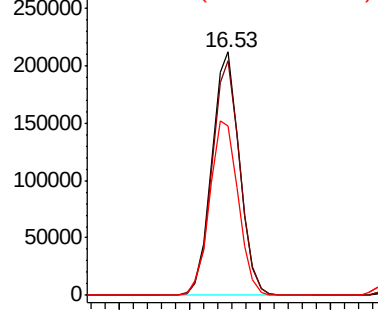


Abundance

Ion 248.00 (247.70 to 248.70): E

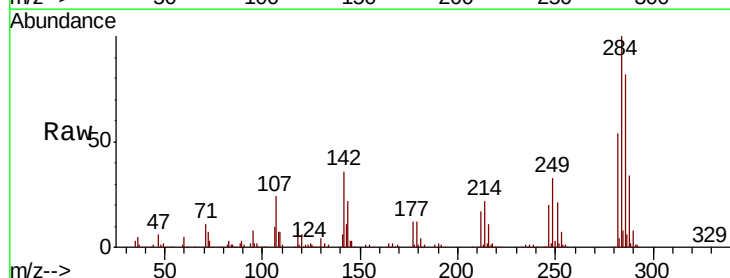
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 34.953 ng
RT: 16.65 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.3	28.6	43.0
249	32.9	27.0	40.6

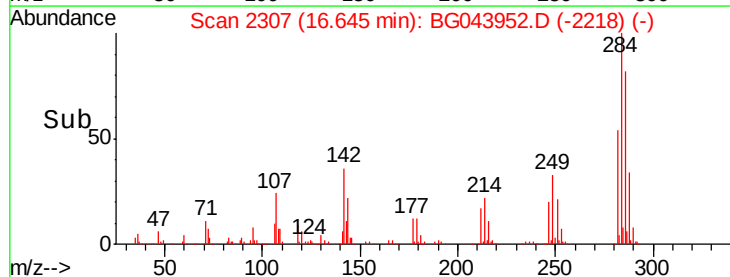
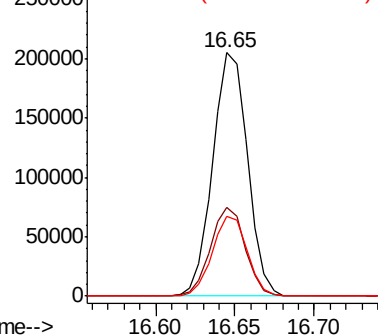


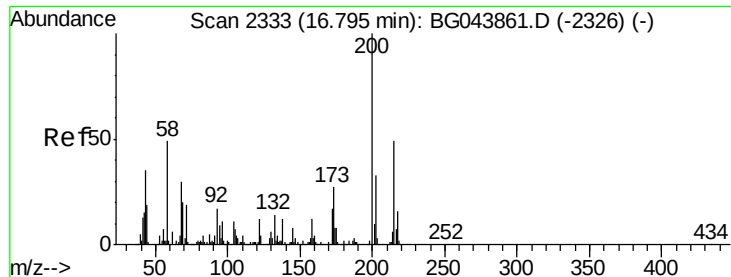
Abundance

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





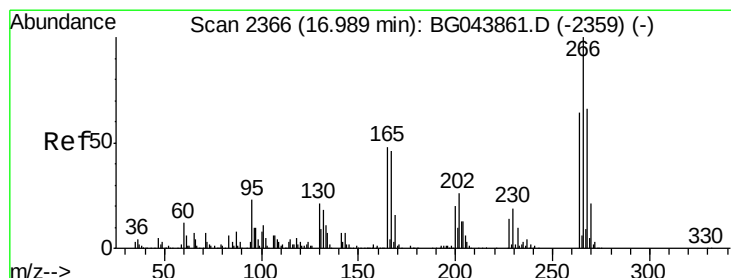
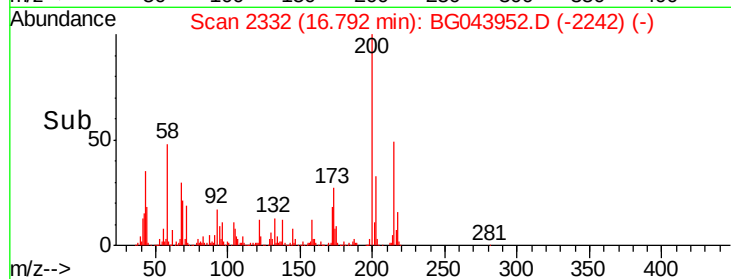
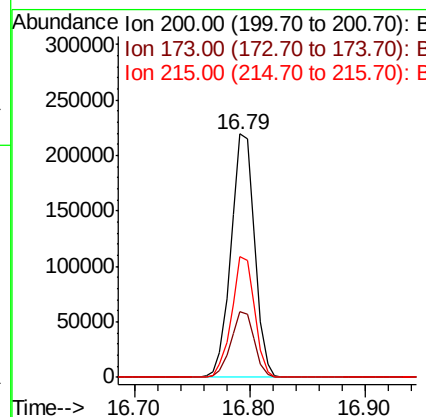
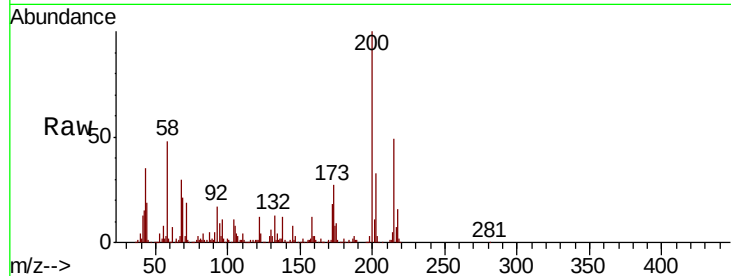
#69
 Atrazine
 Concen: 43.867 ng
 RT: 16.79 min Scan# 2332
 Delta R.T. -0.00 min
 Lab File: BG043952.D
 Acq: 7 Jan 2020 13:05

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

Tot Ion:	200	Resp:	309902
Ion Ratio	Lower	Upper	
200	100		
173	26.9	6.6	46.6
215	49.4	28.6	68.6

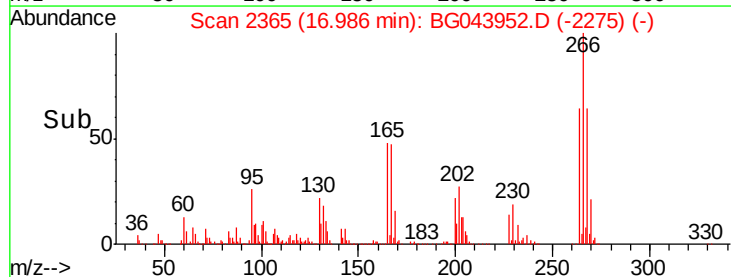
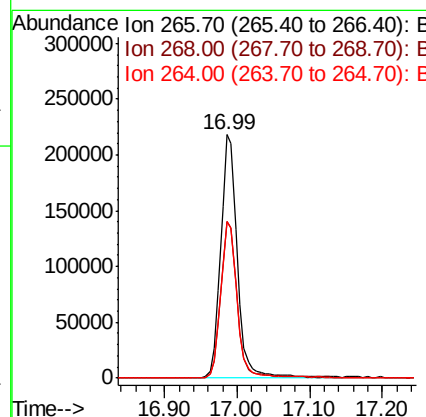
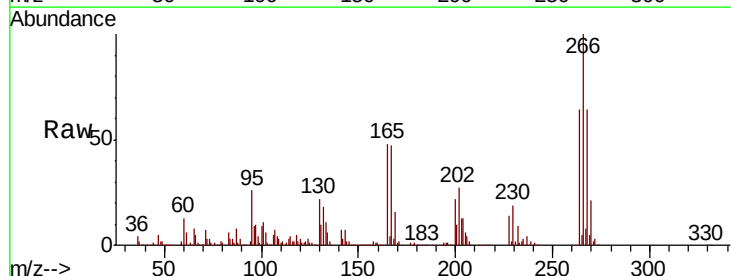
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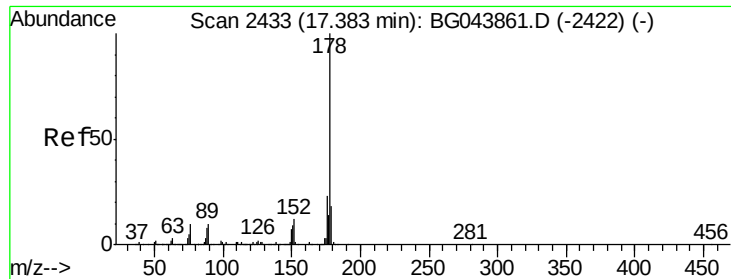
mohammad
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#70
 Pentachlorophenol
 Concen: 70.900 ng
 RT: 16.99 min Scan# 2365
 Delta R.T. -0.00 min
 Lab File: BG043952.D
 Acq: 7 Jan 2020 13:05

Tgt Ion:	266	Resp:	349562
Ion Ratio	Lower	Upper	
266	100		
268	64.5	52.6	79.0
264	64.2	50.8	76.2





#71

Phenanthrene

Concen: 38.767 ng

RT: 17.38 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

IDOC-W-03-CG

Tot Ion:178 Resp: 1372306

Ion Ratio Lower Upper

178 100

176 22.8 18.6 28.0

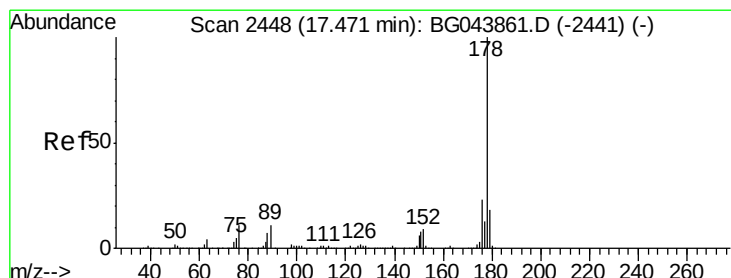
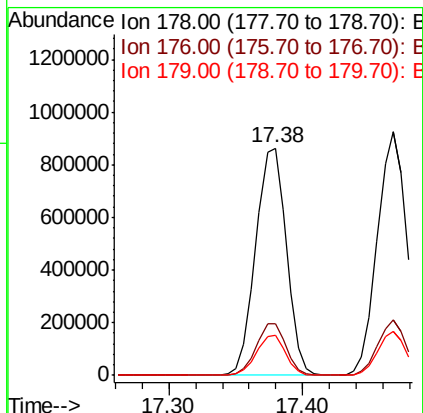
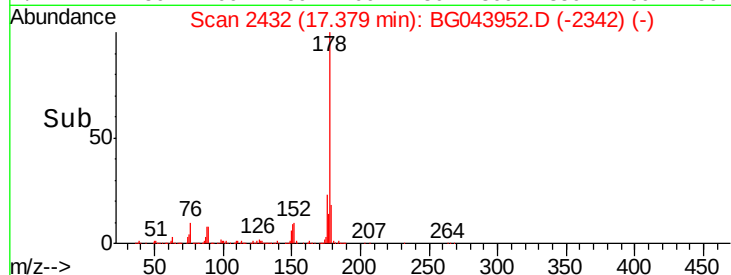
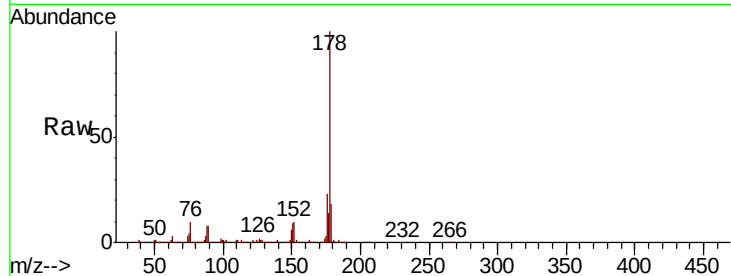
179 17.9 14.4 21.6

Manual Integrations

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#72

Anthracene

Concen: 40.286 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

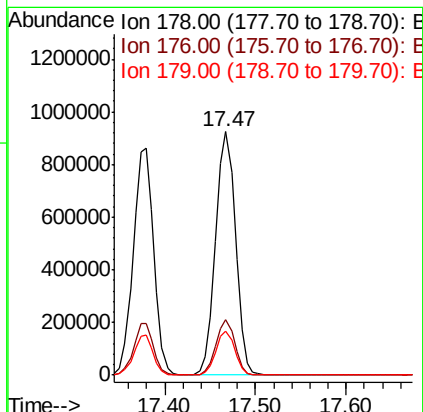
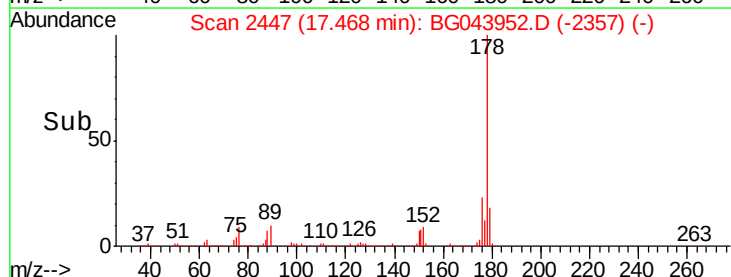
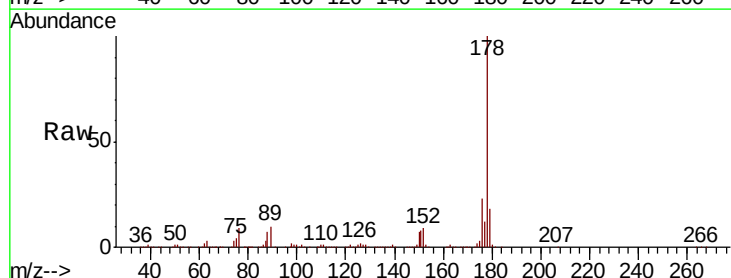
Tgt Ion:178 Resp: 1409373

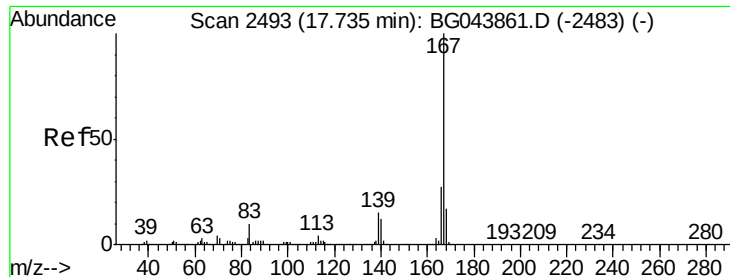
Ion Ratio Lower Upper

178 100

176 22.6 18.3 27.5

179 17.8 14.6 22.0





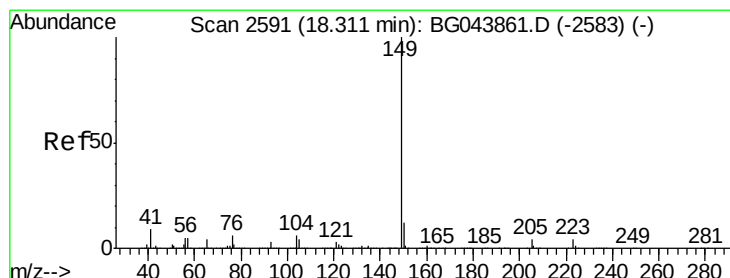
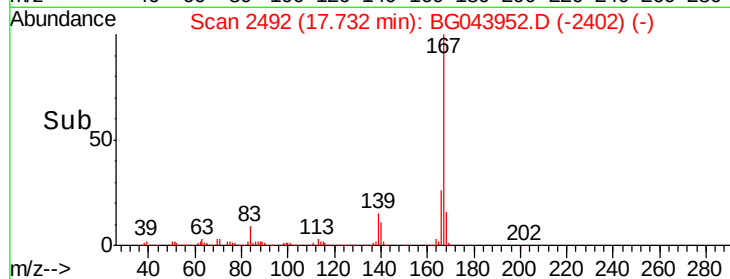
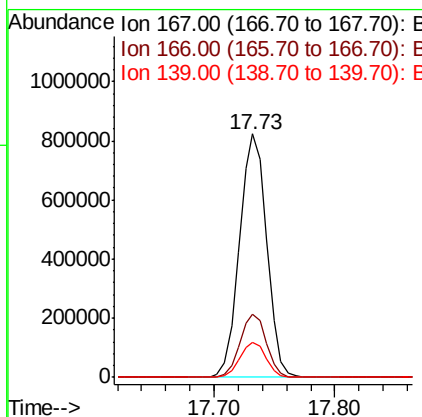
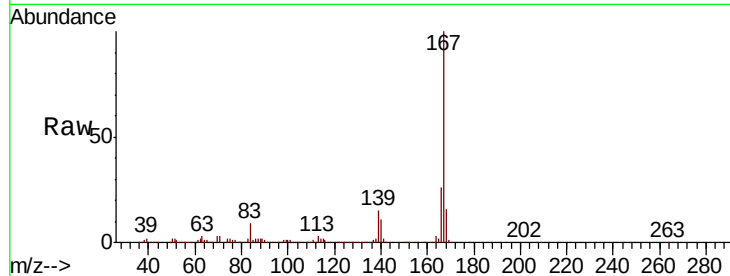
#73
 Carbazole
 Concen: 39.879 ng
 RT: 17.73 min Scan# 2492
 Delta R.T. -0.00 min
 Lab File: BG043952.D
 Acq: 7 Jan 2020 13:05

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	26.2	21.6	32.4
139	14.5	12.1	18.1

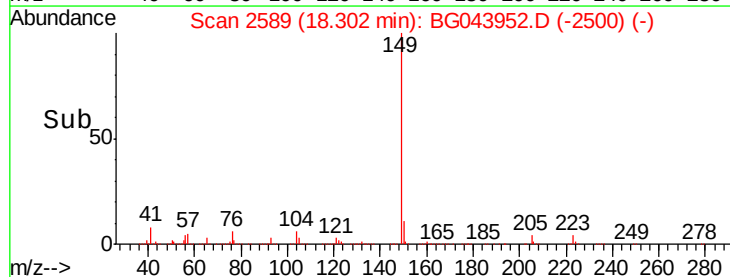
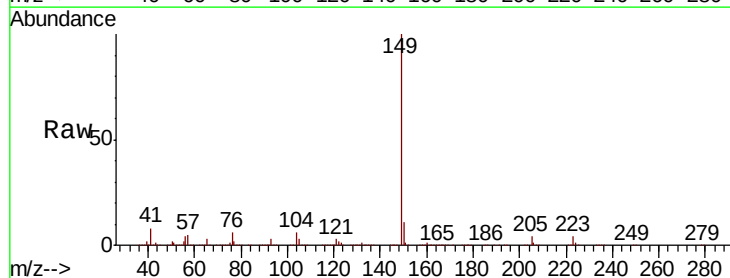
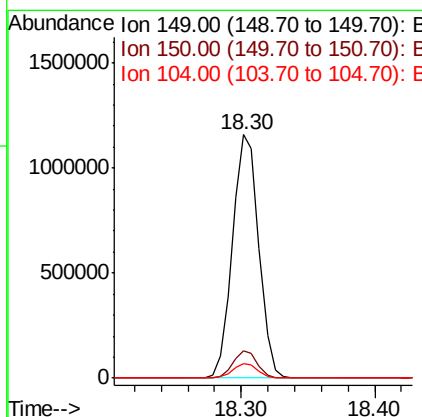
Manual Integrations
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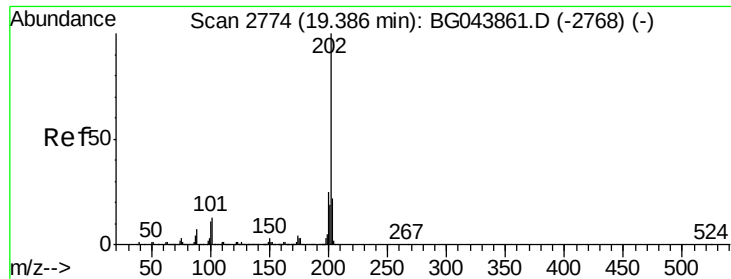
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#74
 Di-n-butylphthalate
 Concen: 38.389 ng
 RT: 18.30 min Scan# 2589
 Delta R.T. -0.01 min
 Lab File: BG043952.D
 Acq: 7 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.3	9.7	14.5
104	5.9	5.0	7.4





#75

Fluoranthene

Concen: 39.238 ng

RT: 19.38 min Scan# 2773

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

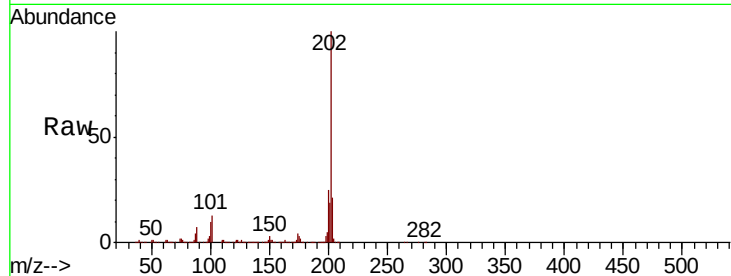
ClientSampleId :

IDOC-W-03-CG

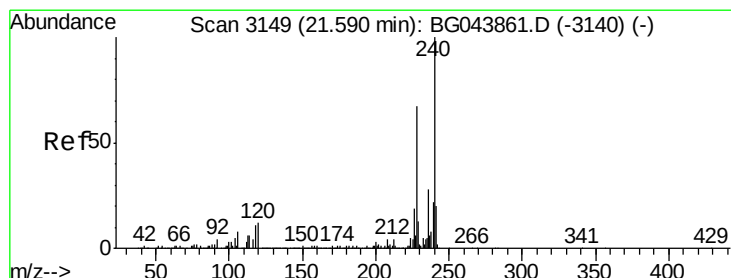
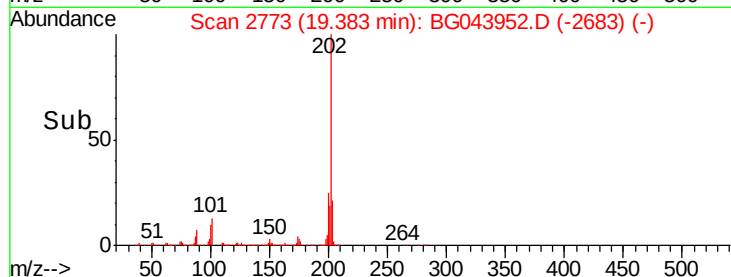
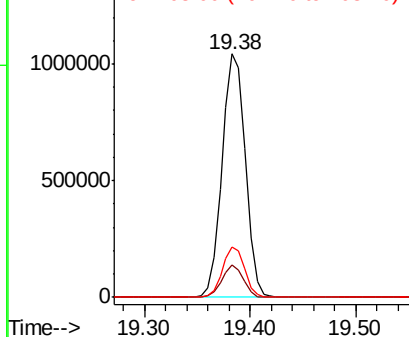
Tot Ion:	202	Resp:	1588502
Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.3
203	20.9	1.6	41.6

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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

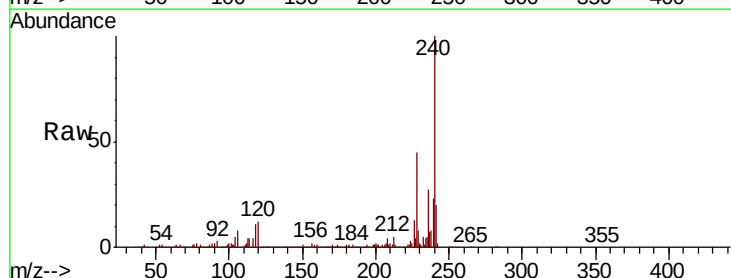
RT: 21.59 min Scan# 3148

Delta R.T. -0.00 min

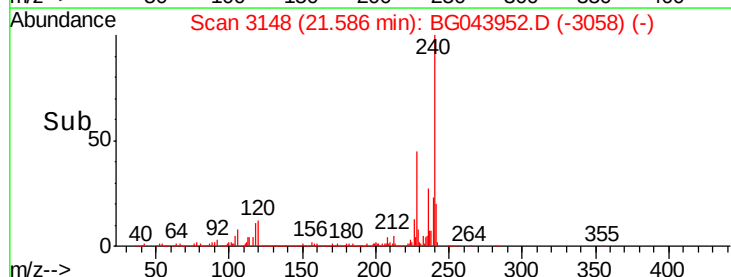
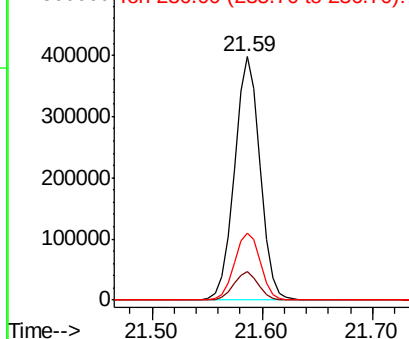
Lab File: BG043952.D

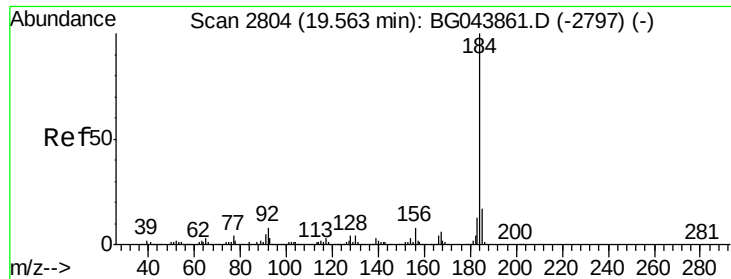
Acq: 7 Jan 2020 13:05

Tgt Ion:	240	Resp:	644882
Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.6	14.4
236	27.5	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: 44.170 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

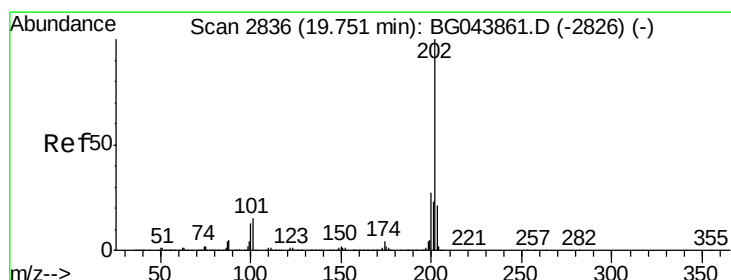
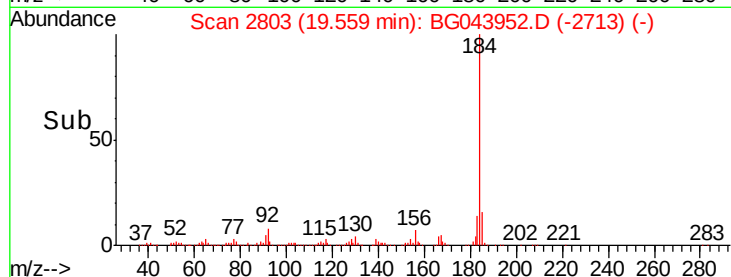
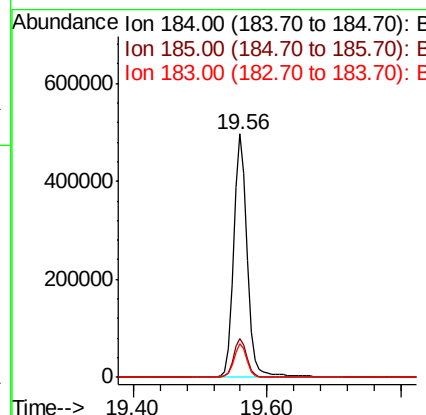
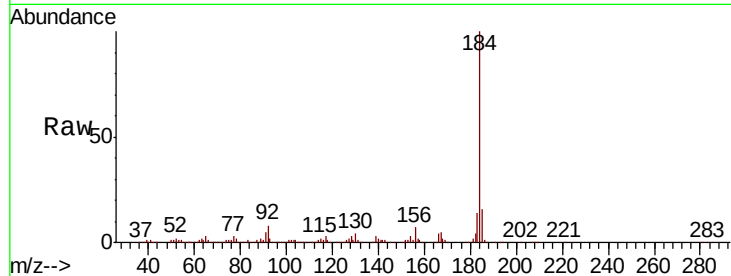
ClientSampleId :

IDOC-W-03-CG

Tot Ion:	184	Resp:	715977
Ion Ratio	Lower	Upper	
184	100		
185	16.1	13.4	20.0
183	13.9	10.6	15.8

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#78

Pyrene

Concen: 37.771 ng

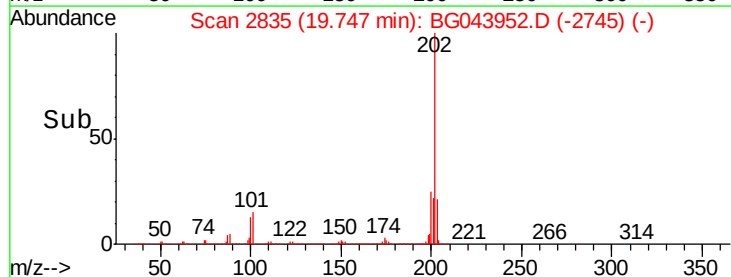
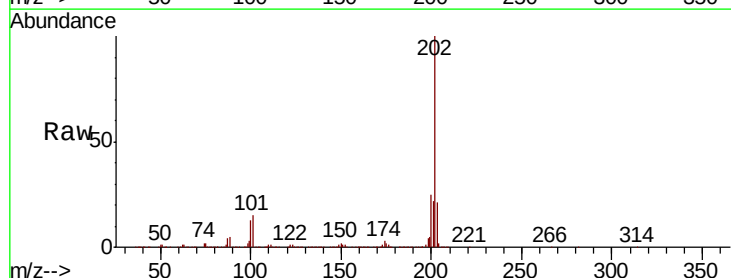
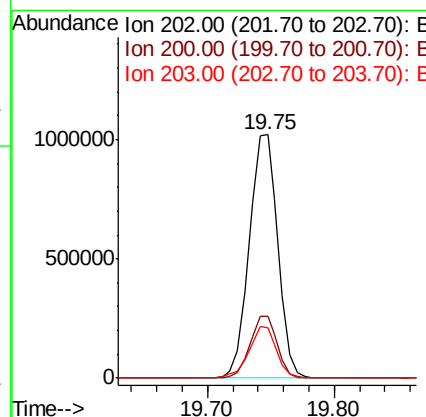
RT: 19.75 min Scan# 2835

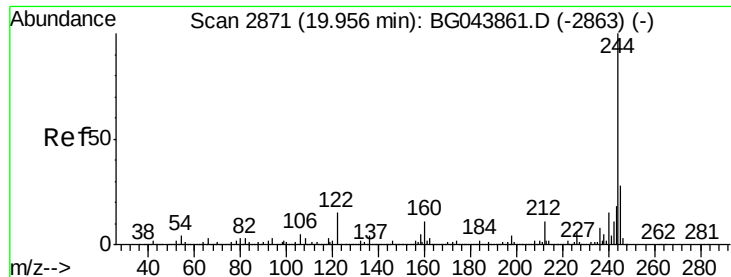
Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Tgt Ion:	202	Resp:	1589934
Ion Ratio	Lower	Upper	
202	100		
200	25.1	21.7	32.5
203	20.7	17.0	25.6





#79

Terphenyl-d14

Concen: 72.501 ng

RT: 19.95 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

IDOC-W-03-CG

Tot Ion:244 Resp: 2019509

Ion Ratio Lower Upper

244 100

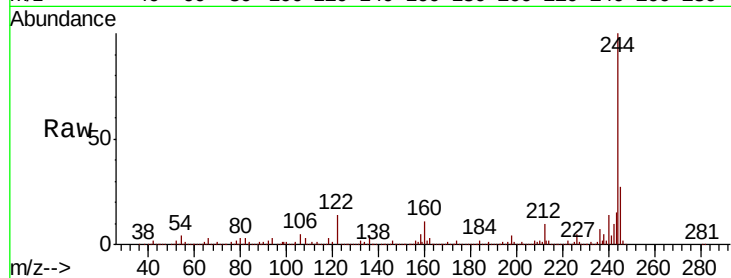
212 10.0 8.6 13.0

122 14.2 11.9 17.9

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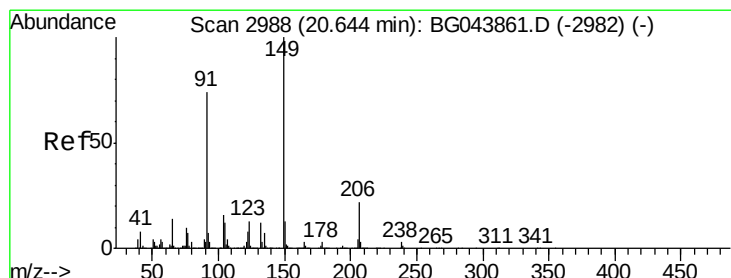
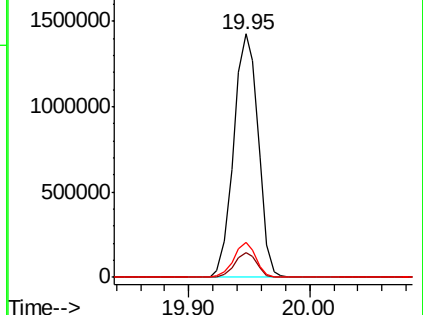
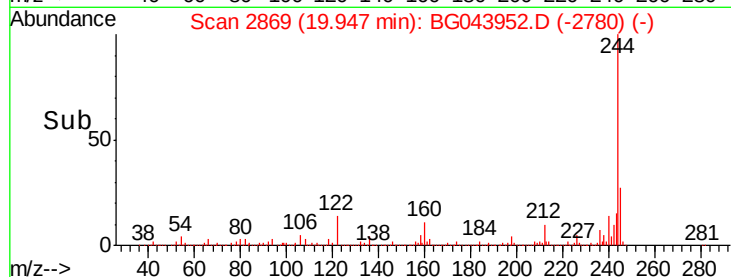
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.010 ng

RT: 20.64 min Scan# 2987

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

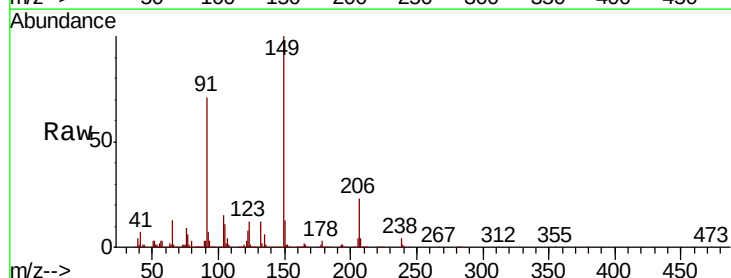
Tgt Ion:149 Resp: 741696

Ion Ratio Lower Upper

149 100

91 70.8 59.5 89.3

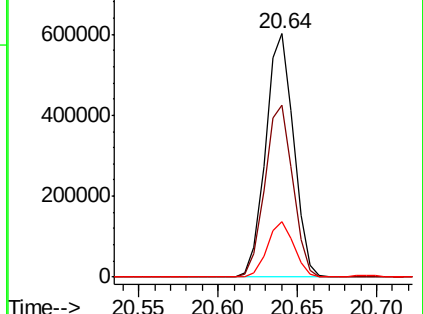
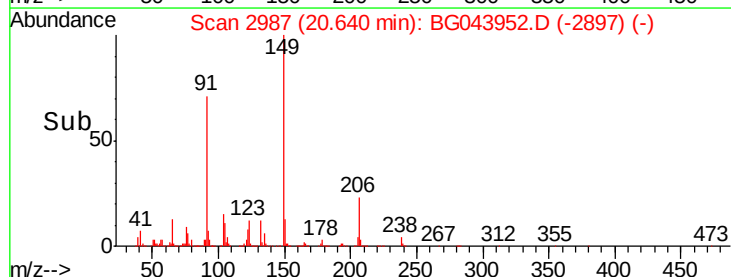
206 22.5 17.8 26.6

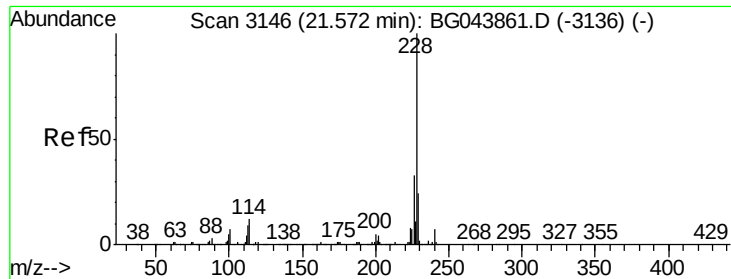


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.345 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

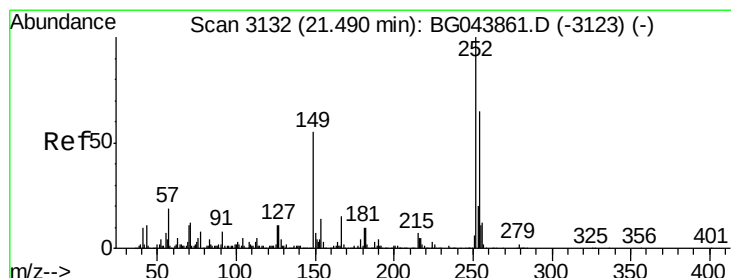
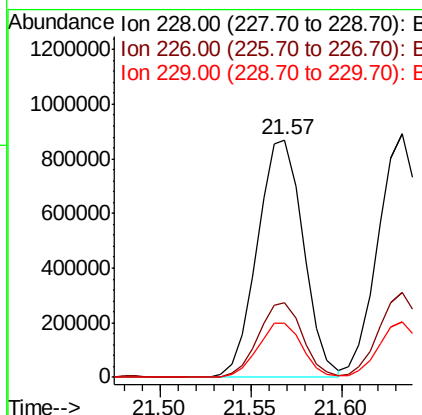
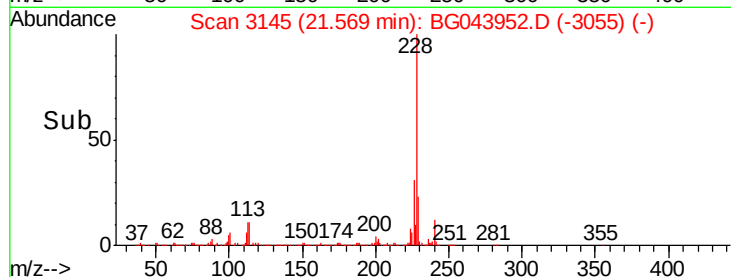
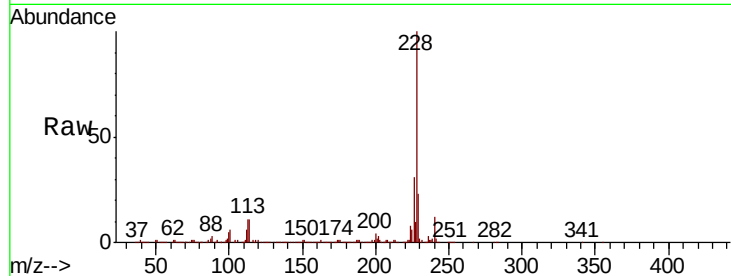
ClientSampleId :

IDOC-W-03-CG

Tot Ion:	228	Resp:	1533322
Ion	Ratio	Lower	Upper
228	100		
226	31.3	26.2	39.4
229	22.6	18.9	28.3

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 30.404 ng

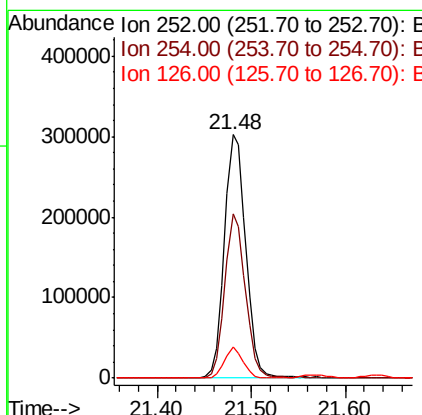
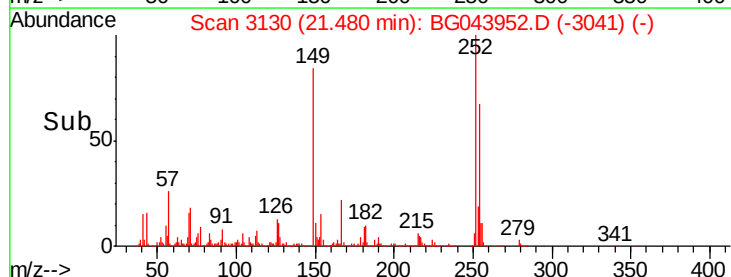
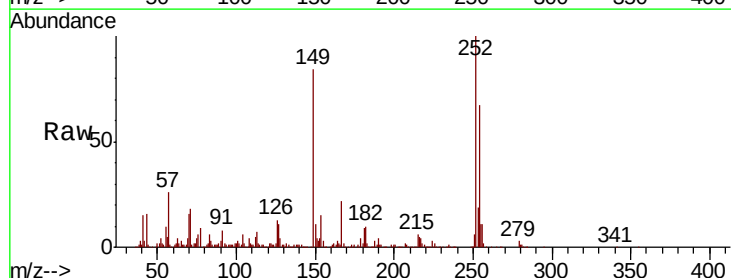
RT: 21.48 min Scan# 3130

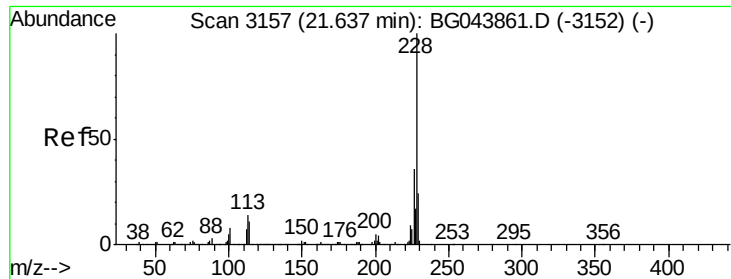
Delta R.T. -0.01 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Tgt Ion:	252	Resp:	480316
Ion	Ratio	Lower	Upper
252	100		
254	67.3	52.1	78.1
126	12.6	9.1	13.7





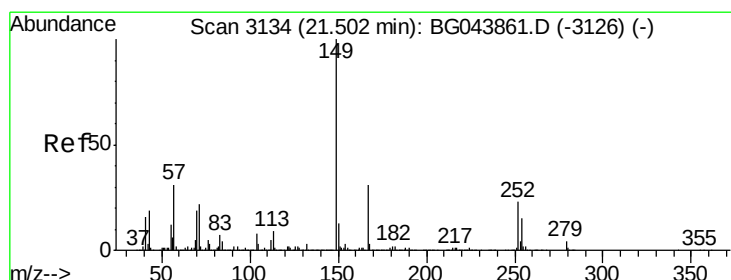
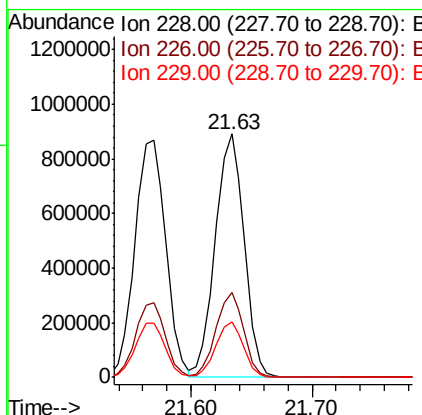
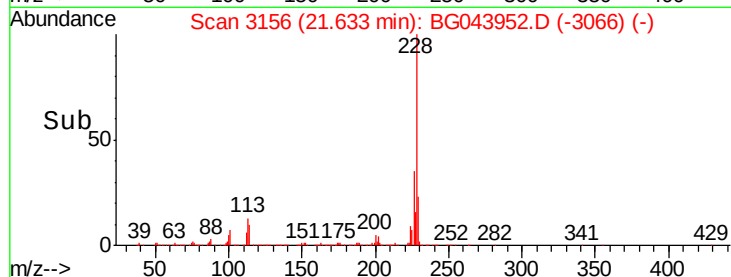
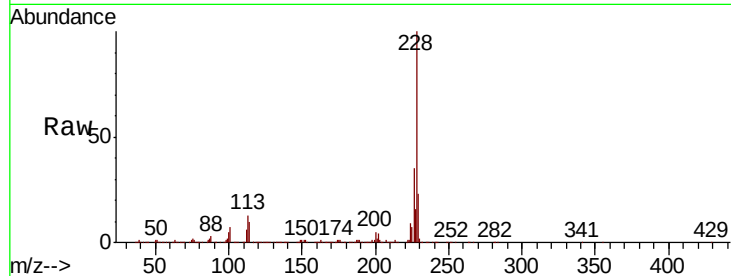
#83
Chrysene
Concen: 38.547 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.8	28.8	43.2
229	22.8	19.0	28.6

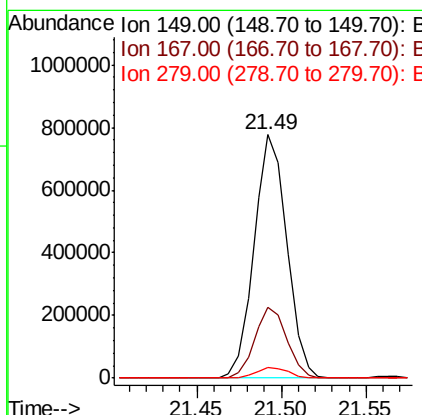
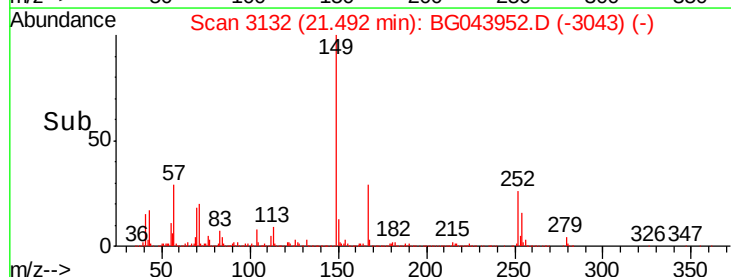
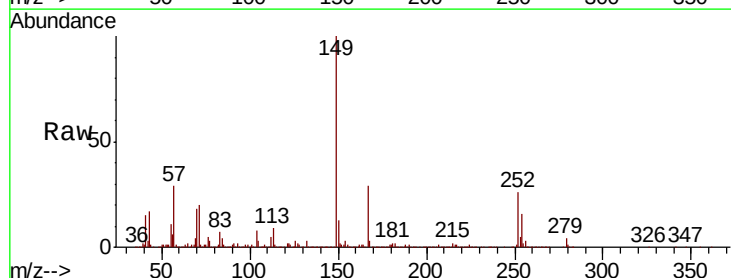
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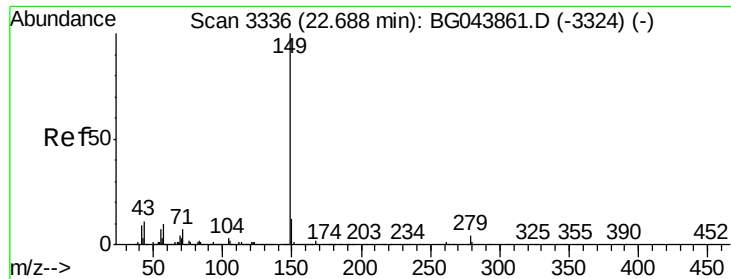
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#84
Bis(2-ethylhexyl)phthalate
Concen: 37.708 ng
RT: 21.49 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	24.7	37.1
279	4.3	3.3	4.9





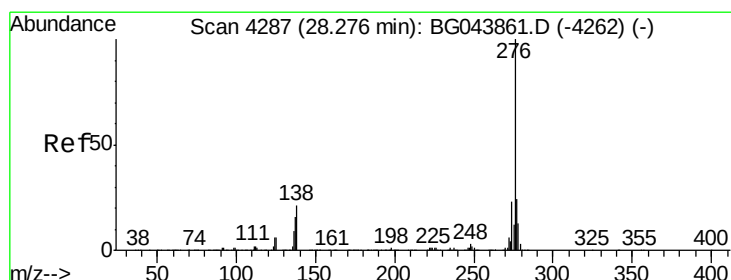
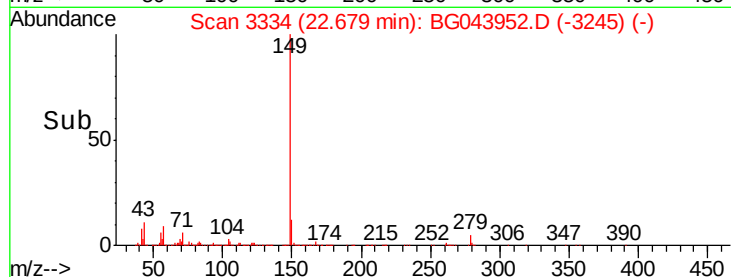
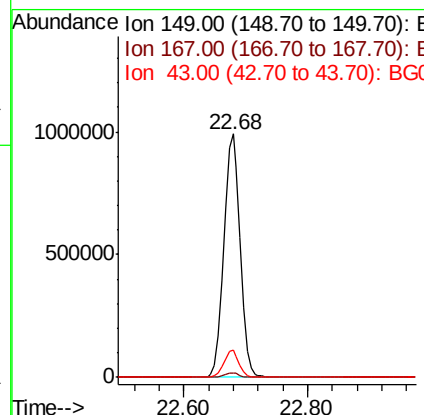
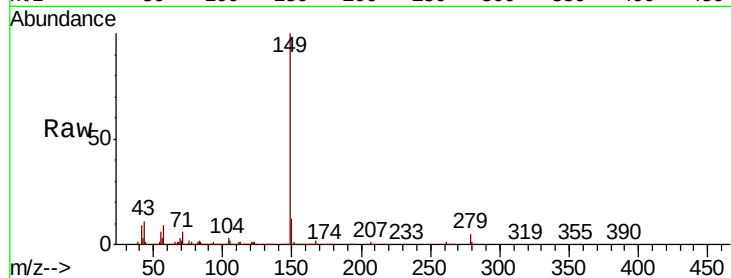
#85
Di-n-octyl phthalate
Concen: 39.041 ng
RT: 22.68 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

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

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.4	8.8	13.2

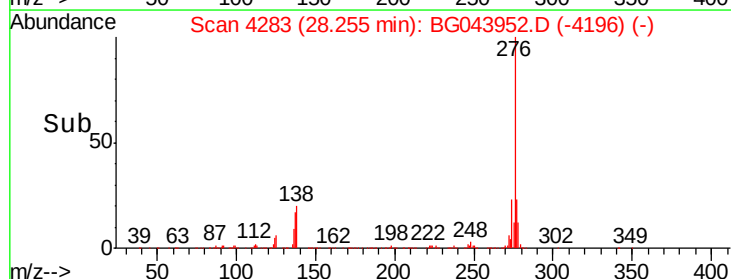
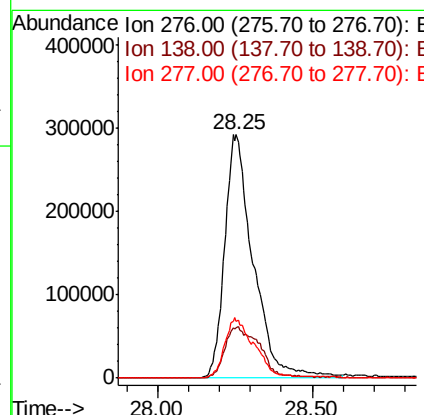
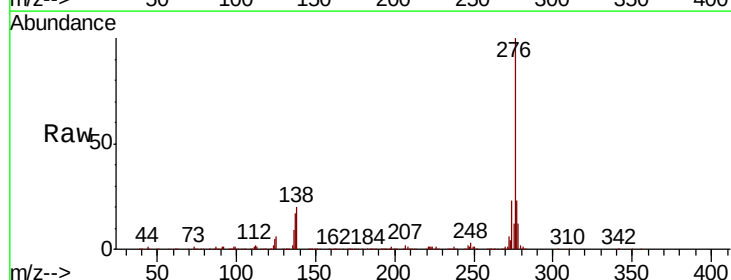
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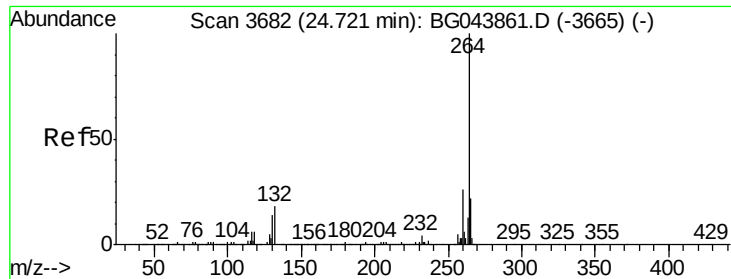
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#86
Indeno(1,2,3-cd)pyrene
Concen: 36.295 ng
RT: 28.25 min Scan# 4283
Delta R.T. -0.02 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	21.0	31.4
277	25.4	21.1	31.7





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.71 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

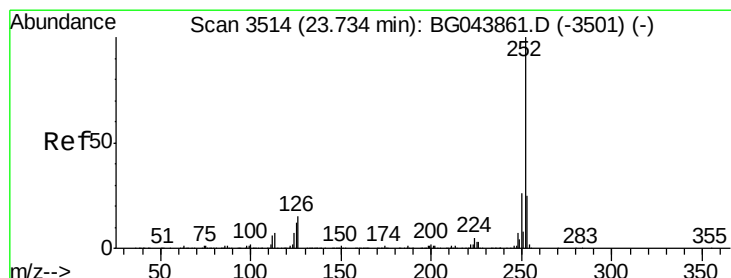
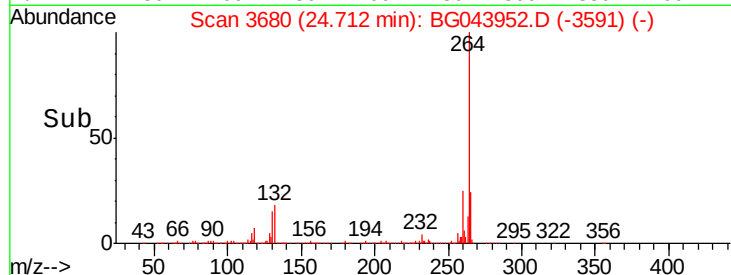
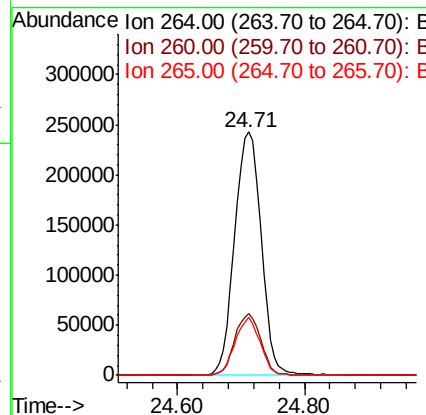
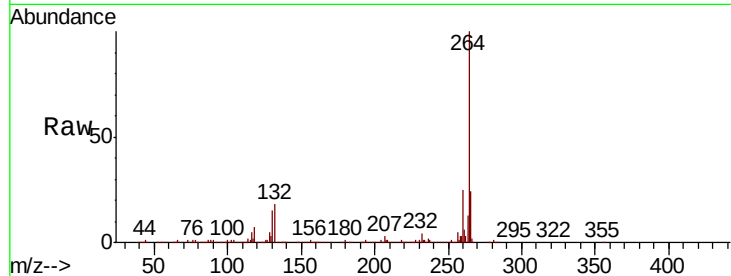
ClientSampleId :

IDOC-W-03-CG

Tot Ion:	264	Resp:	707148
Ion Ratio	Lower	Upper	
264	100		
260	25.5	20.4	30.6
265	23.7	17.4	26.2

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#88

Benzo(b)fluoranthene

Concen: 38.440 ng

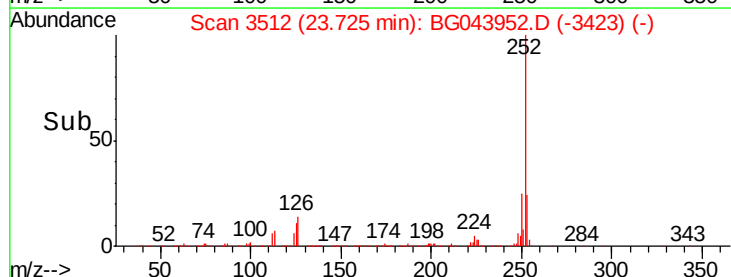
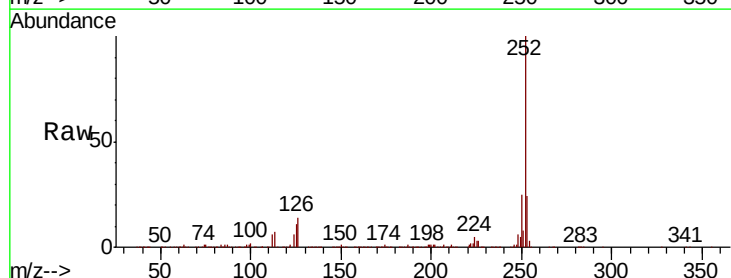
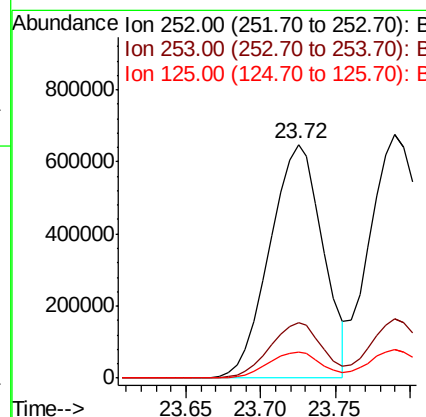
RT: 23.72 min Scan# 3512

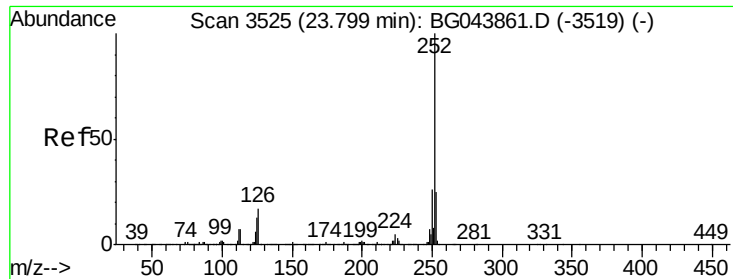
Delta R.T. -0.01 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Tgt Ion:	252	Resp:	1606988
Ion Ratio	Lower	Upper	
252	100		
253	23.9	19.7	29.5
125	11.4	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 40.643 ng

RT: 23.79 min Scan# 3523

Delta R.T. -0.01 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

Instrument :

BNA_G

ClientSampleId :

IDOC-W-03-CG

Tot Ion:252 Resp: 1615720

Ion Ratio Lower Upper

252 100

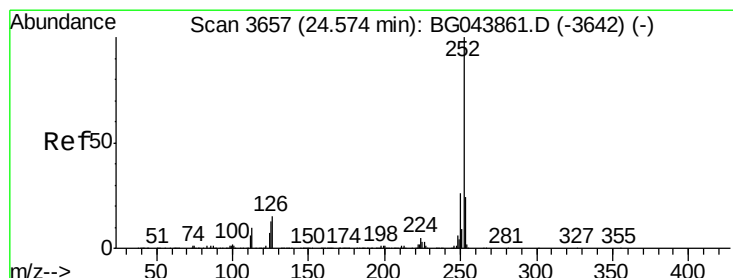
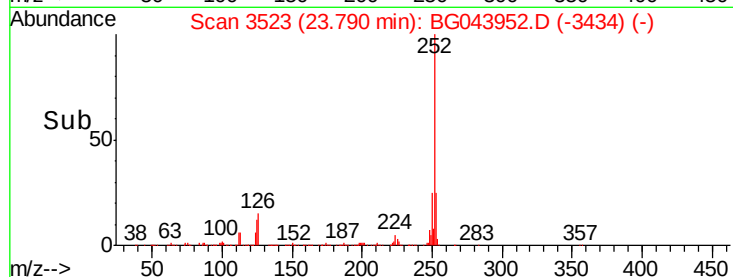
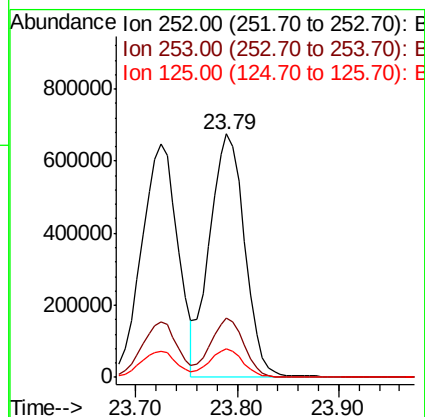
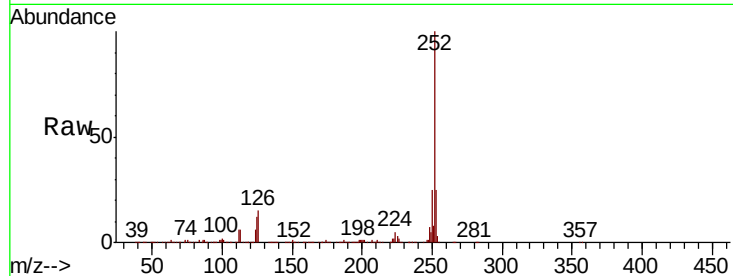
253 24.6 19.4 29.2

125 11.6 9.9 14.9

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#90

Benzo(a)pyrene

Concen: 38.384 ng

RT: 24.57 min Scan# 3655

Delta R.T. -0.01 min

Lab File: BG043952.D

Acq: 7 Jan 2020 13:05

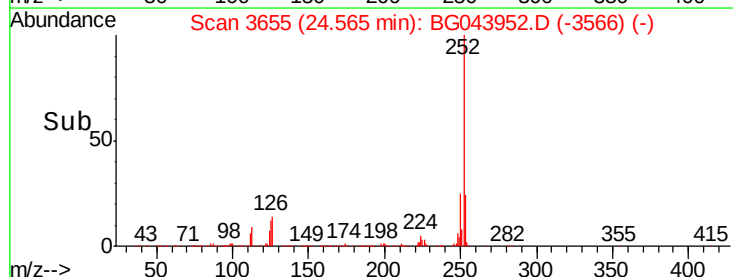
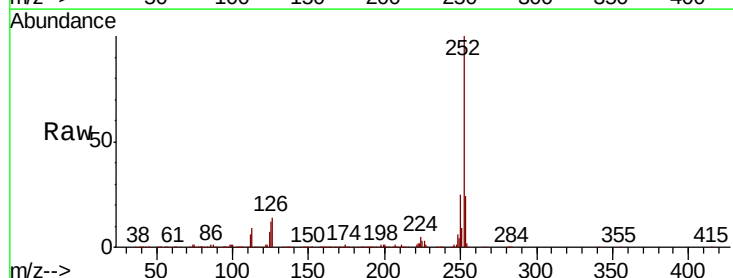
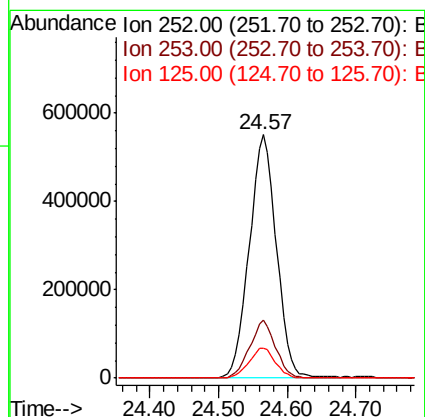
Tgt Ion:252 Resp: 1514501

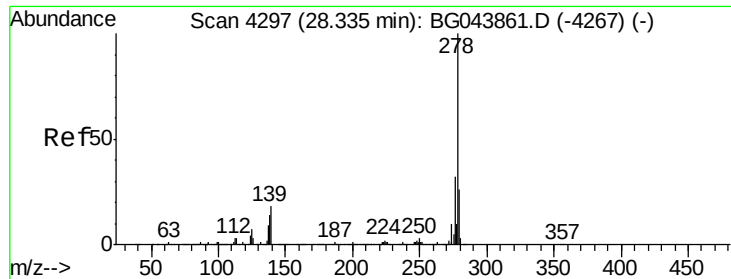
Ion Ratio Lower Upper

252 100

253 23.7 19.3 28.9

125 12.4 10.4 15.6





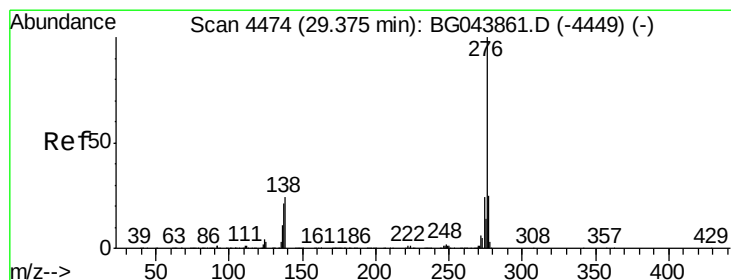
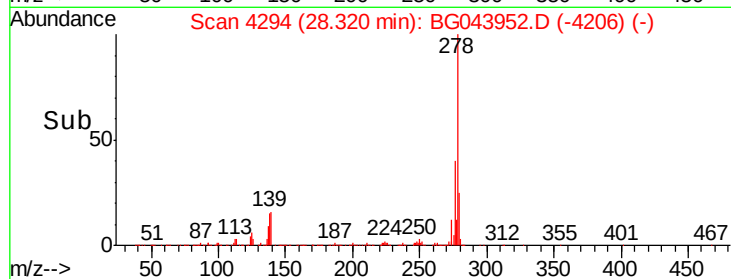
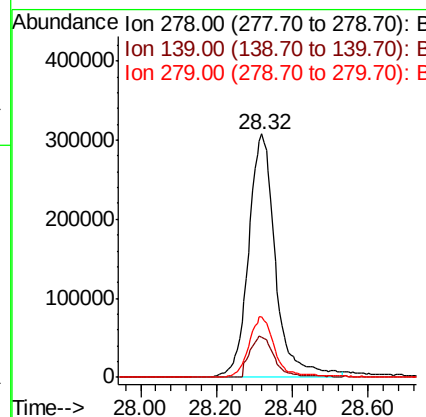
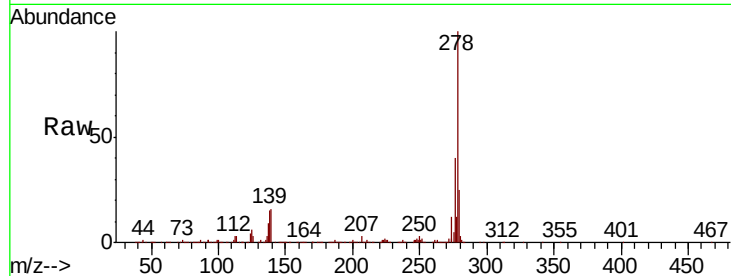
#91
Dibenzo(a,h)anthracene
Concen: 38.432 ng
RT: 28.32 min Scan# 4294
Delta R.T. -0.02 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	14.2	21.4
279	24.8	20.6	30.8

Manual Integrations
APPROVED

mohammad
1/8/2020 4:26:05 PM



#92
Benzo(g,h,i)perylene
Concen: 37.837 ng
RT: 29.35 min Scan# 4470
Delta R.T. -0.02 min
Lab File: BG043952.D
Acq: 7 Jan 2020 13:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	20.2	30.4
138	21.4	19.0	28.6

