

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010820\
 Data File : BG043982.D
 Acq On : 9 Jan 2020 1:54
 Operator : JU
 Sample : L1017-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-010620MSD

Manual Integrations
 APPROVED

mohammad
 1/9/2020 12:10:13 PM

Quant Time: Jan 09 07:21:02 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	7.95	152	119641	20.00	ng	-0.01
21) Naphthalene-d8	10.75	136	482907	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	312853	20.00	ng	-0.01
64) Phenanthrene-d10	17.33	188	658848	20.00	ng	0.00
76) Chrysene-d12	21.58	240	561390	20.00	ng	0.00
87) Perylene-d12	24.70	264	642293	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	999532	153.40	ng	0.00
7) Phenol-d6	7.12	99	1353992	148.66	ng	0.00
23) Nitrobenzene-d5	9.11	82	809757	89.70	ng	-0.01
42) 2,4,6-Tribromophenol	16.08	330	510434	155.91	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	1693188	98.05	ng	-0.01
79) Terphenyl-d14	19.94	244	2351319	108.15	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	122770	43.212	ng	# 44
3) Pyridine	3.85	79	291073	34.680	ng	96
4) n-Nitrosodimethylamine	3.75	42	165578	44.311	ng	90
6) Aniline	7.28	93	132172	11.048	ng	96
8) 2-Chlorophenol	7.52	128	391820	51.221	ng	98
9) Benzaldehyde	7.09	77	211711	36.318	ng	99
10) Phenol	7.15	94	480283	51.180	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	377518	46.604	ng	99
12) 1,3-Dichlorobenzene	7.85	146	375524	41.950	ng	99
13) 1,4-Dichlorobenzene	7.99	146	377689	42.762	ng	99
14) 1,2-Dichlorobenzene	8.31	146	365000	43.054	ng	98
15) Benzyl Alcohol	8.19	79	341387	47.492	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	508761	40.596	ng	98
17) 2-Methylphenol	8.40	107	343745	50.618	ng	99
18) Hexachloroethane	9.04	117	139791	40.675	ng	98
19) n-Nitroso-di-n-propylamine	8.76	70	296528	43.717	ng	97
20) 3+4-Methylphenols	8.73	107	473806	50.013	ng	98
22) Acetophenone	8.77	105	545318	45.422	ng	# 98
24) Nitrobenzene	9.15	77	413057	46.200	ng	100
25) Isophorone	9.68	82	813717	48.048	ng	98
26) 2-Nitrophenol	9.86	139	227854	53.867	ng	98
27) 2,4-Dimethylphenol	9.93	122	368192	57.825	ng	98
28) bis(2-Chloroethoxy)methane	10.16	93	512762	45.415	ng	98
29) 2,4-Dichlorophenol	10.40	162	395049	52.014	ng	97
30) 1,2,4-Trichlorobenzene	10.62	180	377013	44.271	ng	98
31) Naphthalene	10.81	128	1113886	47.666	ng	100
32) Benzoic acid	10.08	122	181363	36.676	ng	96
33) 4-Chloroaniline	10.92	127	23528	2.111	ng	# 95
34) Hexachlorobutadiene	11.10	225	215304	41.409	ng	98
35) Caprolactam	11.68	113	147788m	52.270	ng	
36) 4-Chloro-3-methylphenol	12.04	107	427622	52.888	ng	98
37) 2-Methylnaphthalene	12.41	142	840220	47.758	ng	98
38) 1-Methylnaphthalene	12.63	142	813778	48.804	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	399432	43.560	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	473470	99.595	nq	98
43) 2,4,6-Trichlorophenol	13.02	196	319070	50.570	nq	97
44) 2,4,5-Trichlorophenol	13.09	196	341909	52.541	nq	99
46) 1,1'-Biphenyl	13.42	154	1074838	47.917	nq	99
47) 2-Chloronaphthalene	13.46	162	835688	46.105	nq	99
48) 2-Nitroaniline	13.66	65	265847	45.596	nq	95
49) Acenaphthylene	14.31	152	1322941	50.781	nq	99
50) Dimethylphthalate	14.05	163	1106479	49.810	nq	99
51) 2,6-Dinitrotoluene	14.16	165	257526	51.291	nq	96
52) Acenaphthene	14.65	154	851998	46.634	nq	98
53) 3-Nitroaniline	14.49	138	56994	9.996	nq	99
54) 2,4-Dinitrophenol	14.69	184	224529	87.246	nq	97
55) Dibenzofuran	14.99	168	1263186	50.225	nq	99
56) 4-Nitrophenol	14.80	139	481454	110.194	nq	97
57) 2,4-Dinitrotoluene	14.94	165	356220	52.141	nq	99
58) Fluorene	15.64	166	999745	50.152	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.21	232	296803	53.041	nq	97
60) Diethylphthalate	15.41	149	1113315	50.108	nq	100
61) 4-Chlorophenyl-phenylether	15.63	204	524444	48.450	nq	99
62) 4-Nitroaniline	15.65	138	244631	43.448	nq	95
63) Azobenzene	15.92	77	1023772	49.686	nq	100
65) 4,6-Dinitro-2-methylphenol	15.71	198	186032	54.181	nq	97
66) n-Nitrosodiphenylamine	15.84	169	953844	49.162	nq	99
67) 4-Bromophenyl-phenylether	16.52	248	344702	46.518	nq	95
68) Hexachlorobenzene	16.64	284	370647	46.421	nq	97
69) Atrazine	16.79	200	357821	56.736	nq	98
70) Pentachlorophenol	16.98	266	432558	98.276	nq	99
71) Phenanthrene	17.37	178	1572186	49.750	nq	99
72) Anthracene	17.46	178	1620974	51.902	nq	100
73) Carbazole	17.73	167	1503945	52.131	nq	99
74) Di-n-butylphthalate	18.30	149	1813183	49.227	nq	100
75) Fluoranthene	19.38	202	1806932	49.997	nq	100
77) Benzidine	19.57	184	204805	14.514	nq	96
78) Pyrene	19.74	202	1828925	49.910	nq	99
80) Butylbenzylphthalate	20.63	149	873308	50.058	nq	98
81) Benzo(a)anthracene	21.56	228	1754821	50.411	nq	99
82) 3,3'-Dichlorobenzidine	21.48	252	280839	20.421	nq	99
83) Chrysene	21.62	228	1674174	50.615	nq	99
84) Bis(2-ethylhexyl)phthalate	21.48	149	1208493	50.203	nq	99
85) Di-n-octyl phthalate	22.66	149	2087605	51.585	nq	99
86) Indeno(1,2,3-cd)pyrene	28.24	276	2193201	48.791	nq	99
88) Benzo(b)fluoranthene	23.72	252	1836274	48.360	nq	99
89) Benzo(k)fluoranthene	23.78	252	1835146	50.824	nq	99
90) Benzo(a)pyrene	24.56	252	1720763	48.015	nq	98
91) Dibenzo(a,h)anthracene	28.30	278	1791419	49.773	nq	99
92) Benzo(g,h,i)perylene	29.35	276	1822106	50.967	nq	99

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

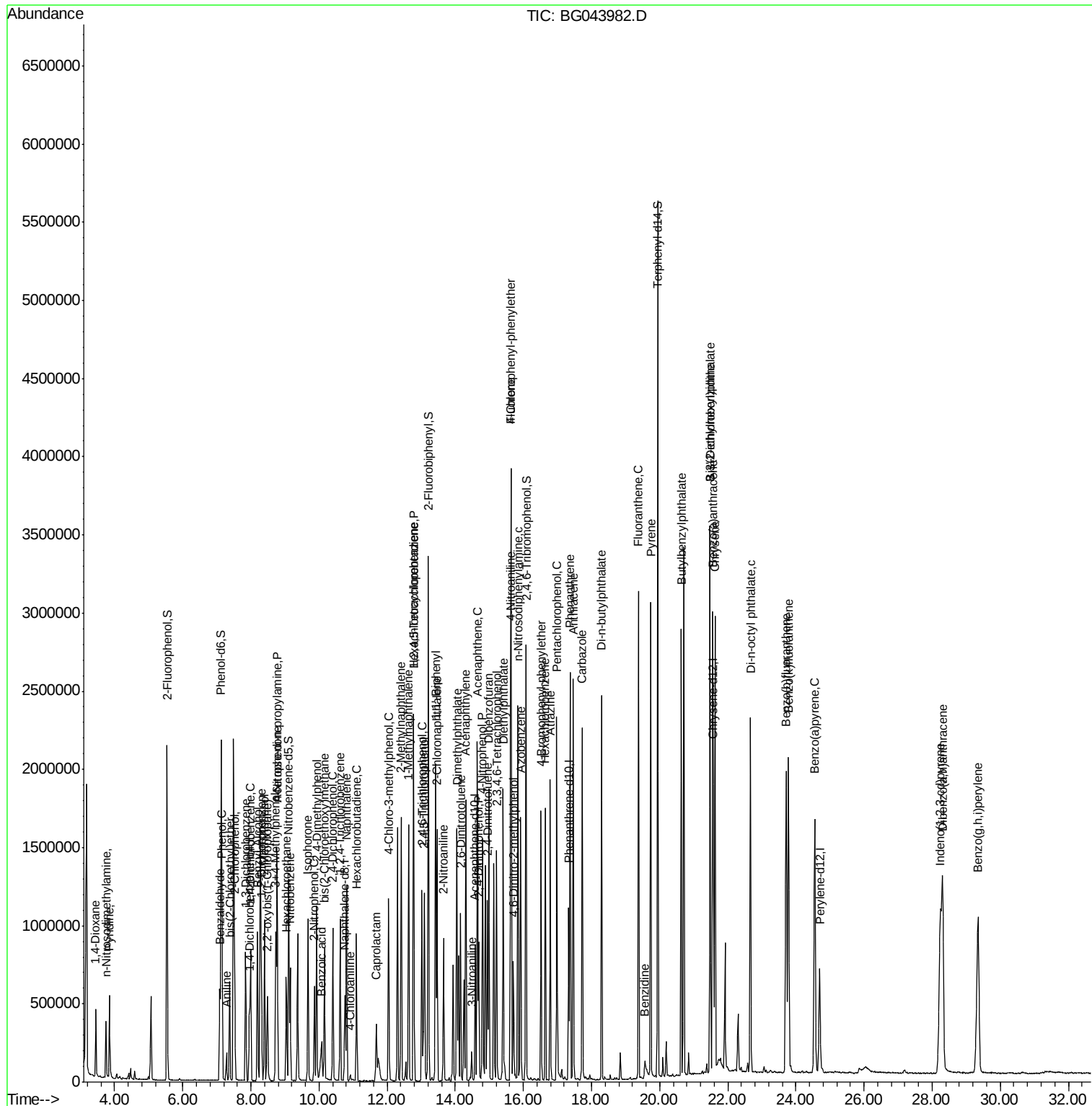
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010820\
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#1

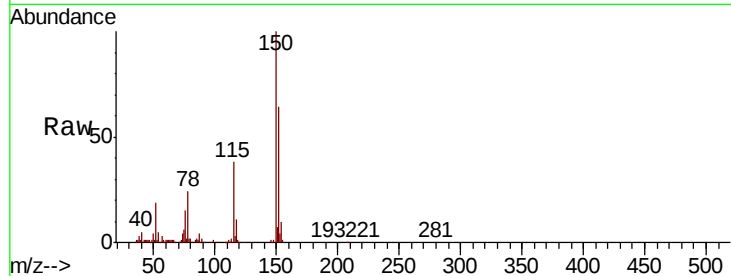
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	127.0	190.4
115	60.2	47.8	71.8

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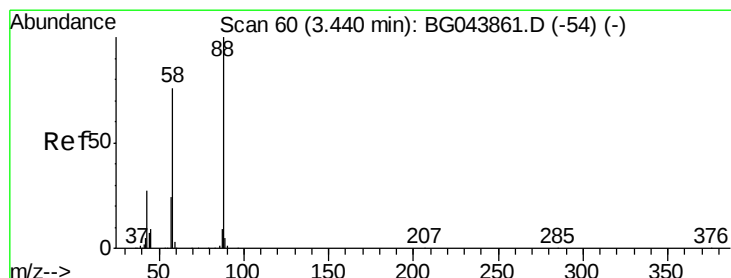
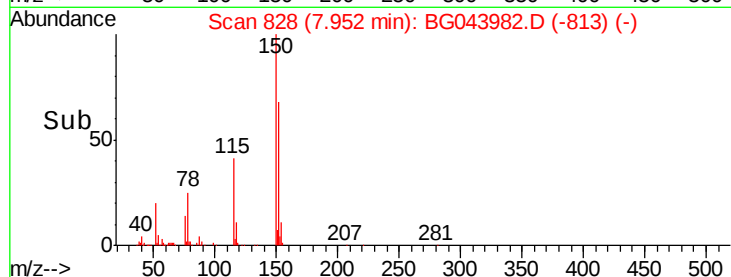
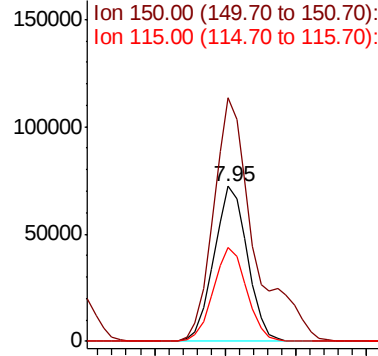


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

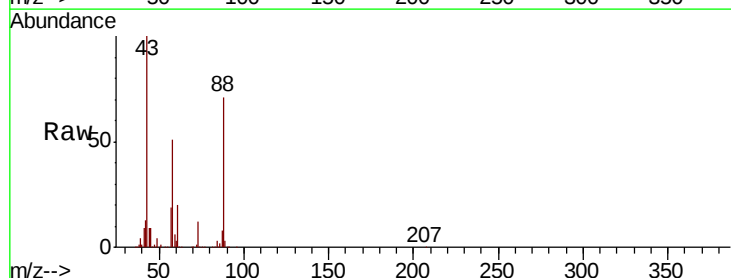
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 43.212 ng
RT: 3.45 min Scan# 61
Delta R.T. 0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.3	59.8	89.8
43	132.7	22.9	34.3#

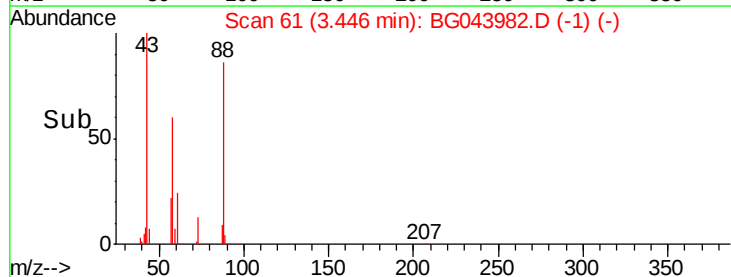
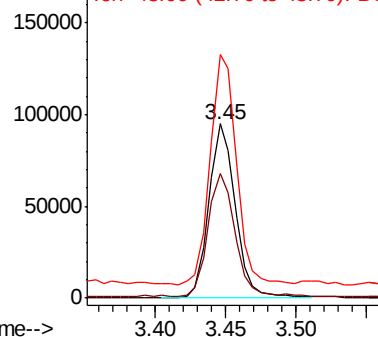


Abundance

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: 34.680 ng

RT: 3.85 min Scan# 129

Delta R.T. 0.02 min

Lab File: BG043982.D

Acq: 9 Jan 2020 1:54

Instrument :

BNA_G

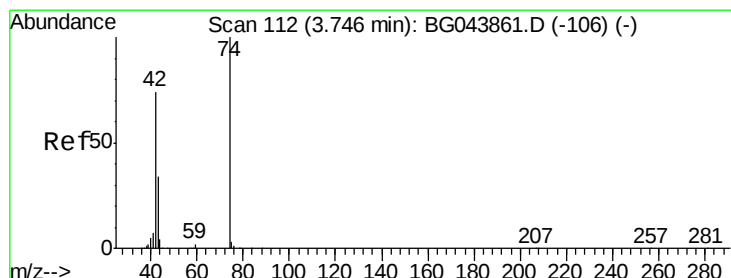
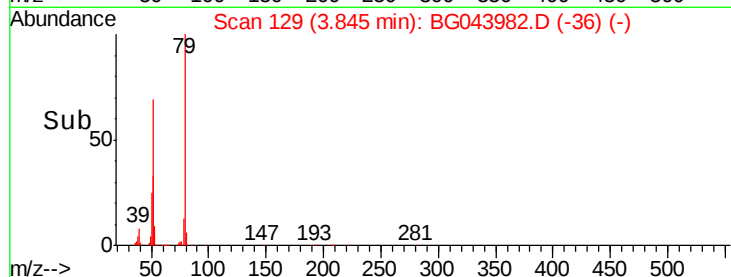
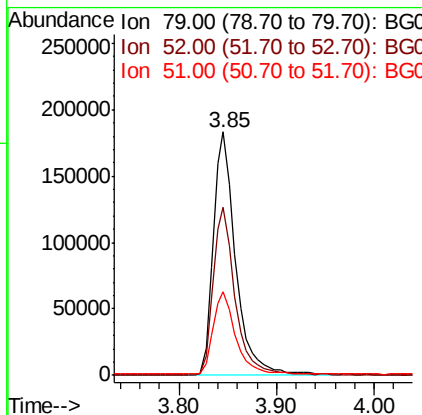
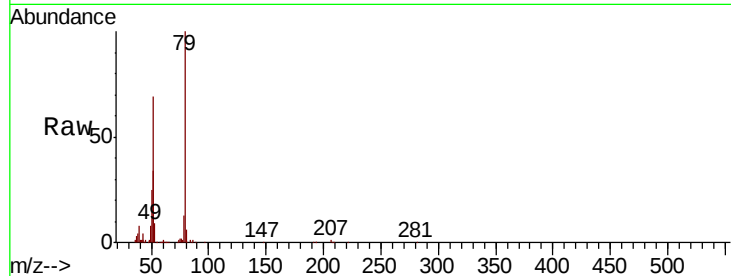
ClientSampleId :

TR-04-010620MSD

Tot Ion:	79	Resp:	291073
Ion Ratio	Lower	Upper	
79	100		
52	69.1	58.9	88.3
51	34.4	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 44.311 ng

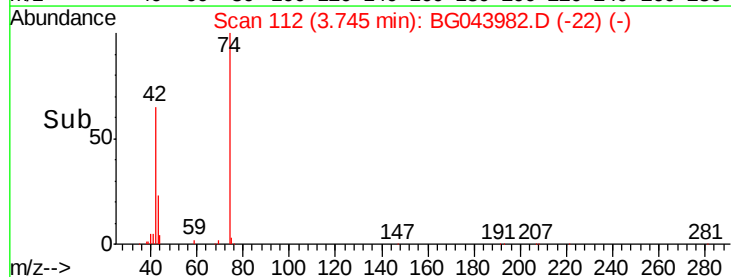
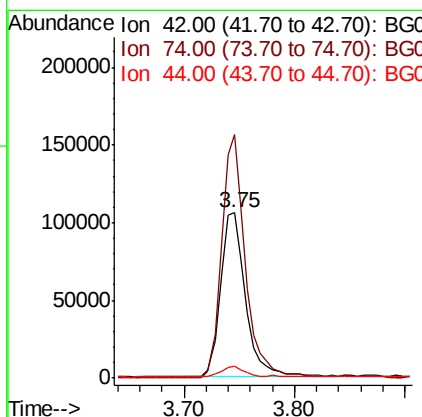
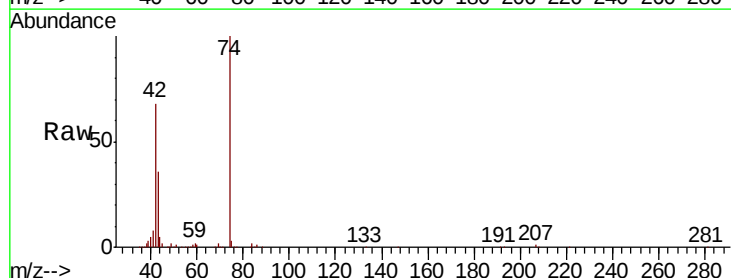
RT: 3.75 min Scan# 112

Delta R.T. -0.00 min

Lab File: BG043982.D

Acq: 9 Jan 2020 1:54

Tgt Ion:	42	Resp:	165578
Ion Ratio	Lower	Upper	
42	100		
74	147.5	108.6	162.8
44	7.0	5.0	7.6





#5

2-Fluorophenol

Concen: 153.397 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG043982.D

Acq: 9 Jan 2020 1:54

Instrument :

BNA_G

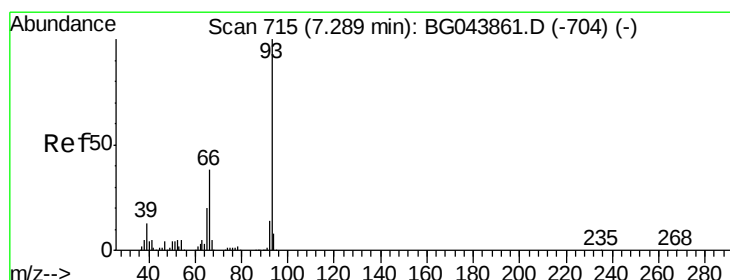
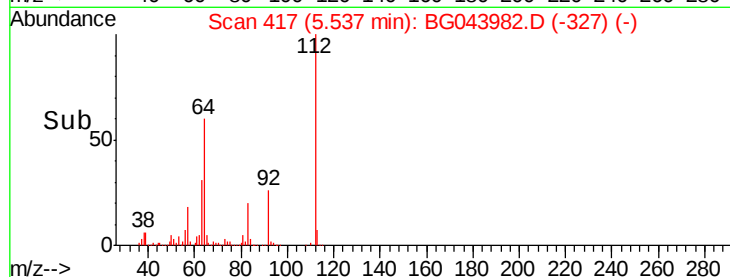
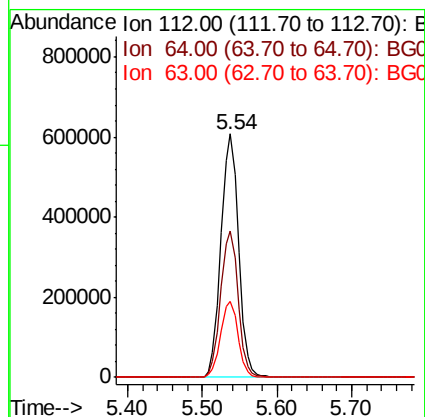
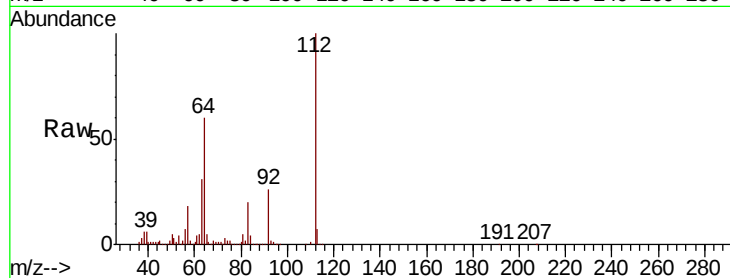
ClientSampleId :

TR-04-010620MSD

Tot Ion:	112	Resp:	999532
Ion Ratio	Lower	Upper	
112	100		
64	60.4	47.8	71.6
63	31.1	24.3	36.5

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#6

Aniline

Concen: 11.048 ng

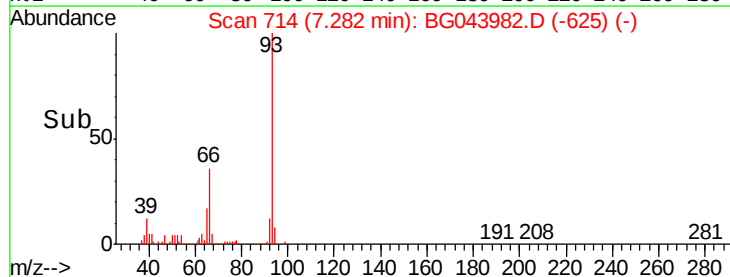
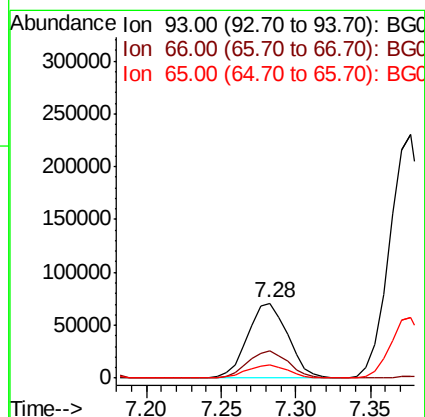
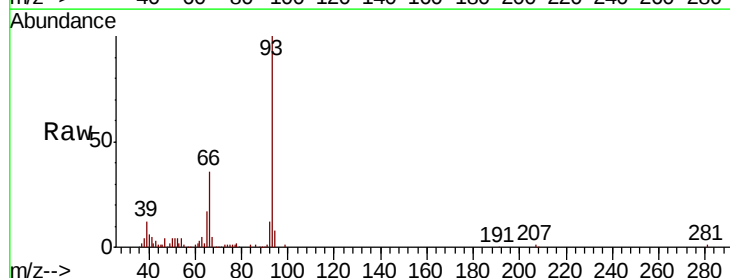
RT: 7.28 min Scan# 714

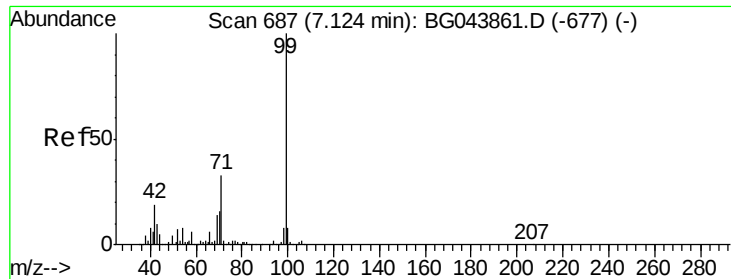
Delta R.T. -0.01 min

Lab File: BG043982.D

Acq: 9 Jan 2020 1:54

Tgt Ion:	93	Resp:	132172
Ion Ratio	Lower	Upper	
93	100		
66	36.2	30.8	46.2
65	17.5	16.0	24.0





#7

Phenol-d6

Concen: 148.657 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG043982.D

Acq: 9 Jan 2020 1:54

Instrument :

BNA_G

ClientSampleId :

TR-04-010620MSD

Tot Ion: 99 Resp: 1353992

Ion Ratio Lower Upper

99 100

42 19.4 14.9 22.3

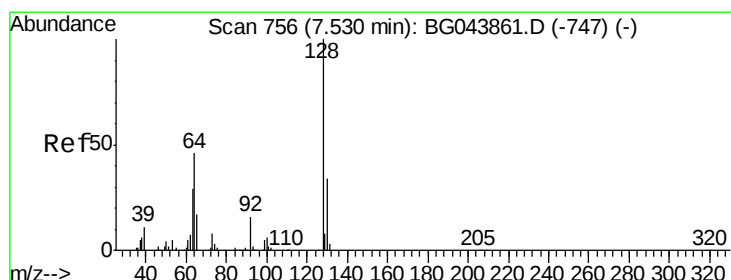
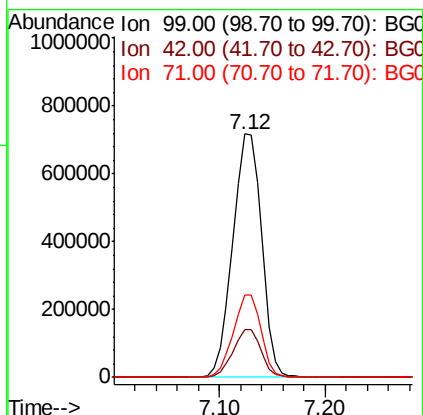
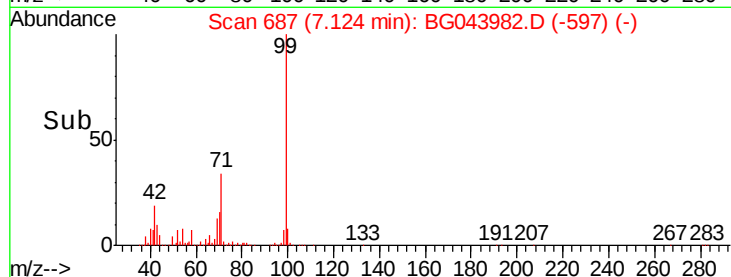
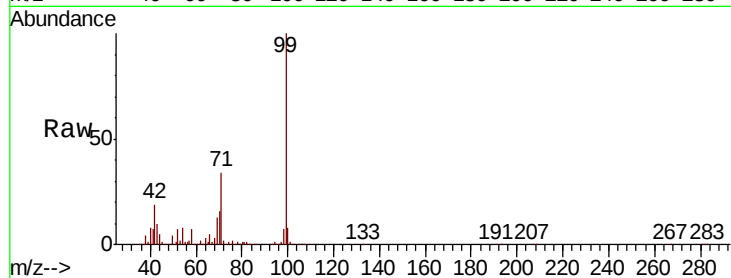
71 33.7 26.4 39.6

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#8

2-Chlorophenol

Concen: 51.221 ng

RT: 7.52 min Scan# 755

Delta R.T. -0.01 min

Lab File: BG043982.D

Acq: 9 Jan 2020 1:54

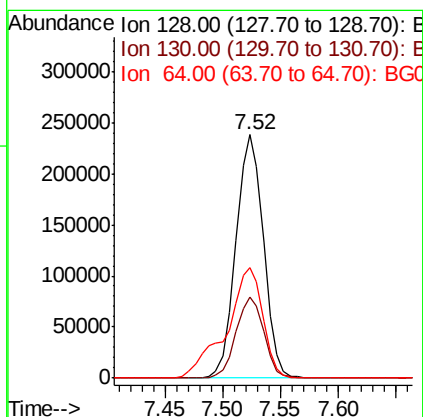
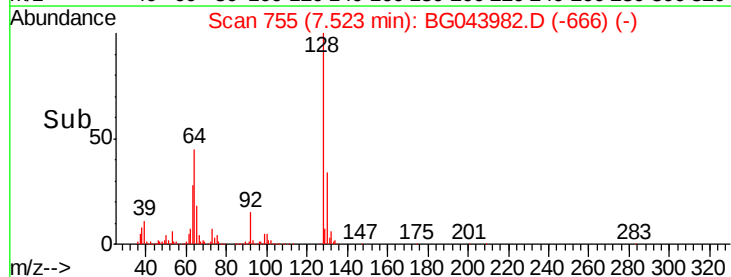
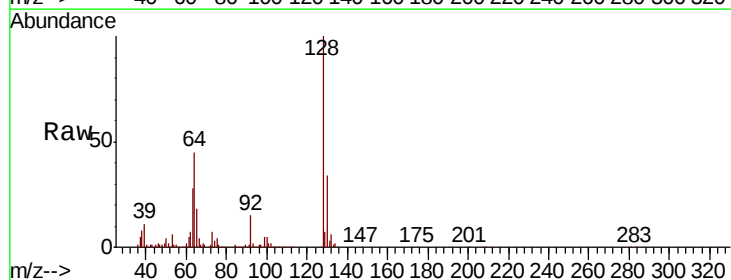
Tgt Ion: 128 Resp: 391820

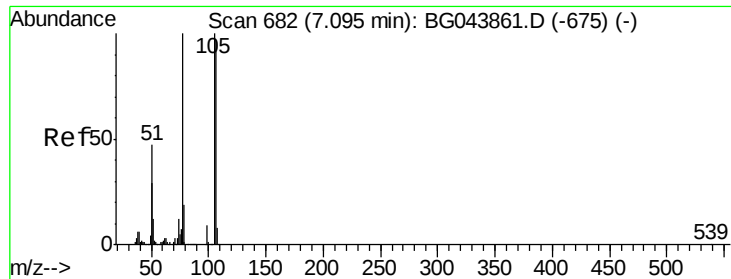
Ion Ratio Lower Upper

128 100

130 33.5 13.8 53.8

64 45.2 27.6 67.6





#9

Benzaldehyde

Concen: 36.318 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG043982.D

Acq: 9 Jan 2020 1:54

Instrument :

BNA_G

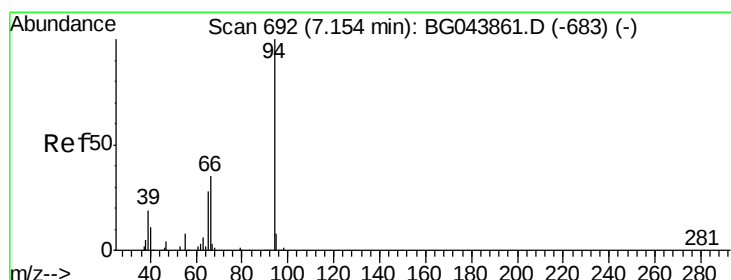
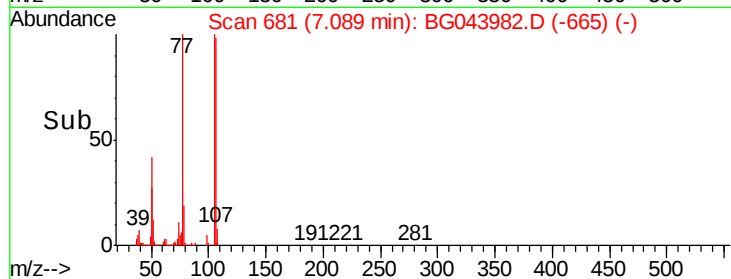
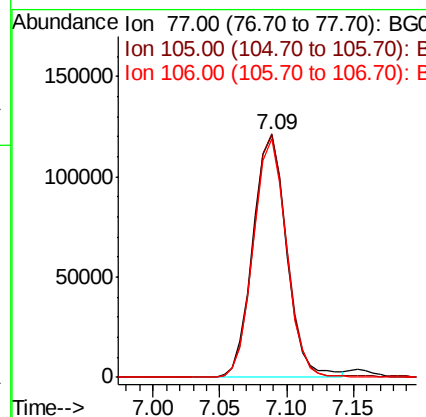
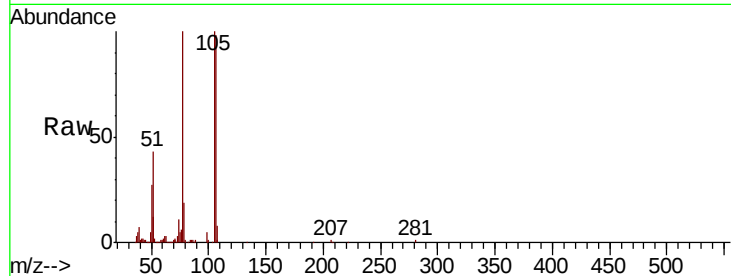
ClientSampleId :

TR-04-010620MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.3	80.2	120.2
106	98.3	77.2	117.2

Manual Integrations
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#10

Phenol

Concen: 51.180 ng

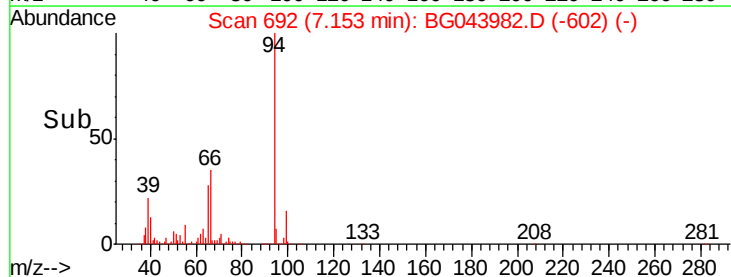
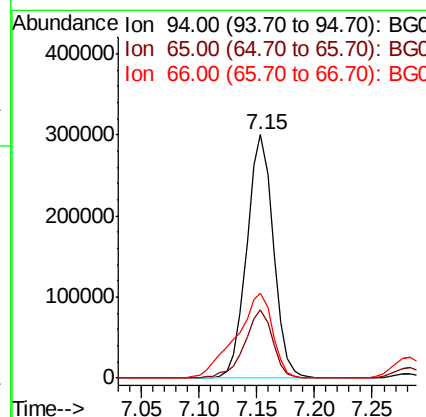
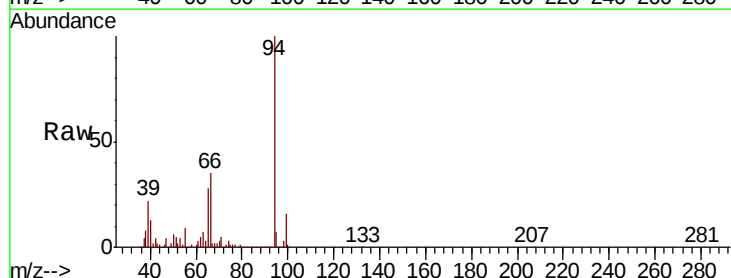
RT: 7.15 min Scan# 692

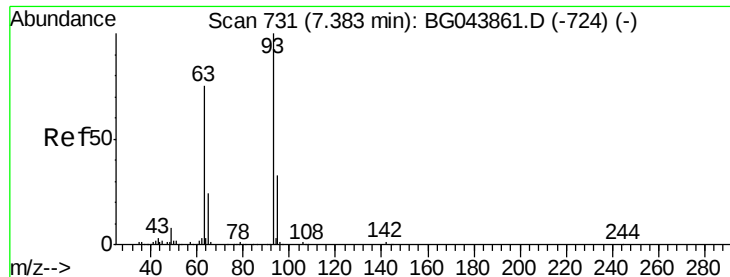
Delta R.T. -0.00 min

Lab File: BG043982.D

Acq: 9 Jan 2020 1:54

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.8	8.1	48.1
66	35.1	15.6	55.6





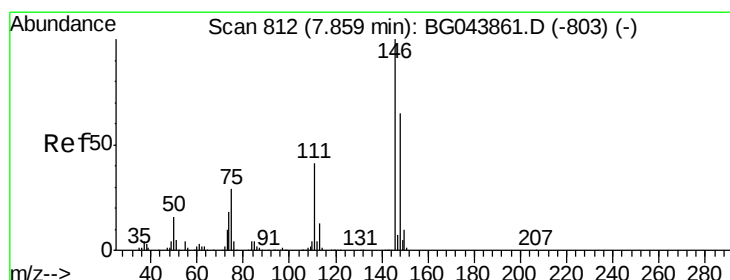
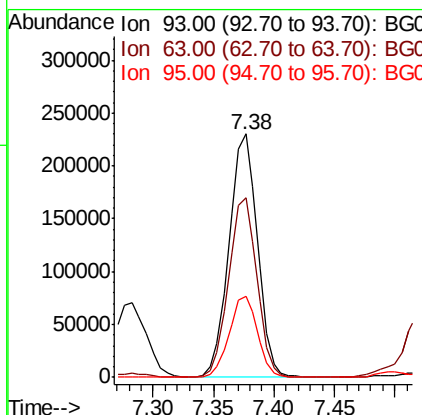
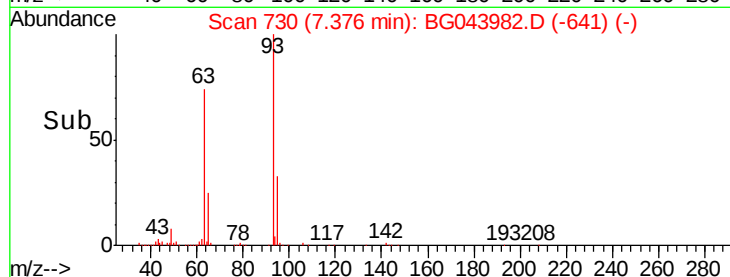
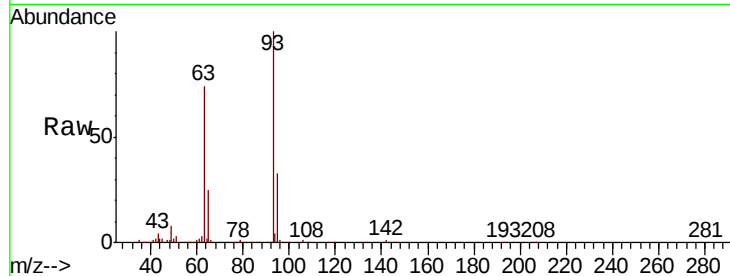
#11
bis(2-Chloroethyl)ether
Concen: 46.604 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	377518		
63	73.9	55.0	95.0	
95	33.4	13.3	53.3	

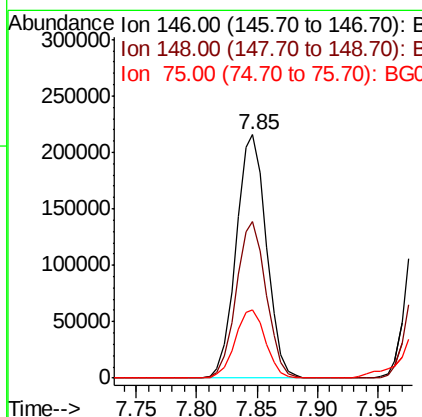
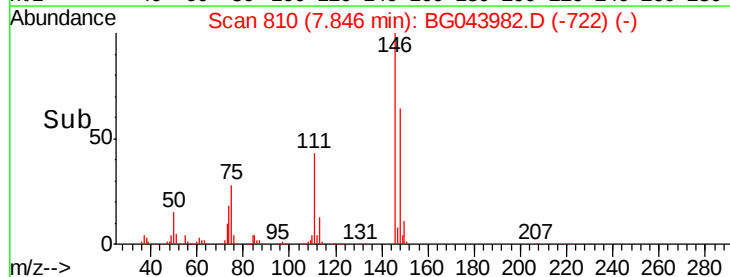
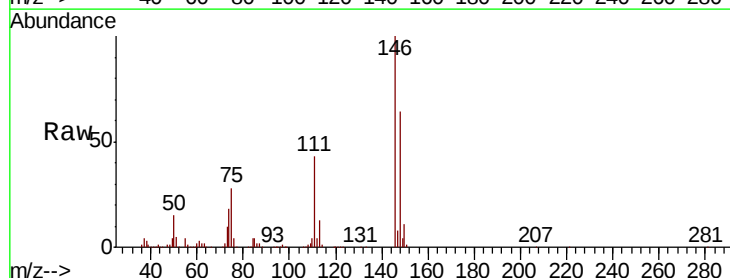
Manual Integrations
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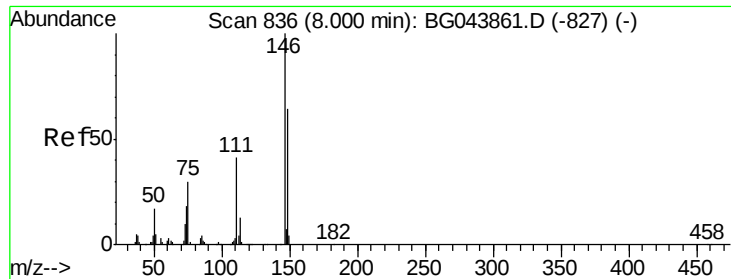
mohammad
1/9/2020 12:10:13 PM



#12
1,3-Dichlorobenzene
Concen: 41.950 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	375524		
148	64.3	52.1	78.1	
75	27.9	23.0	34.4	





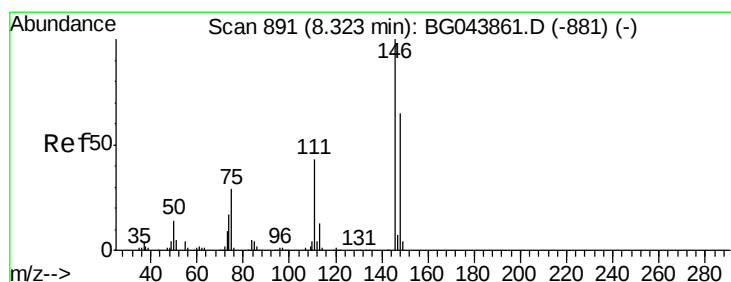
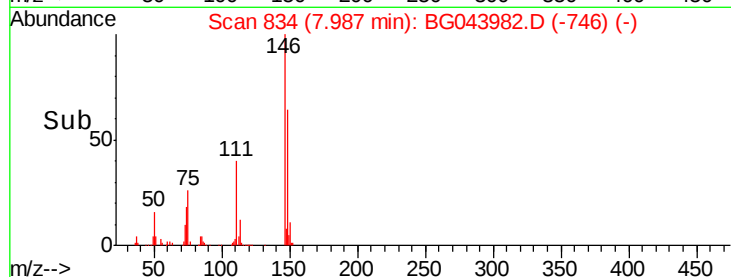
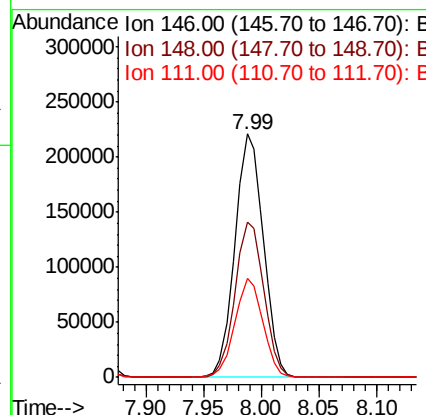
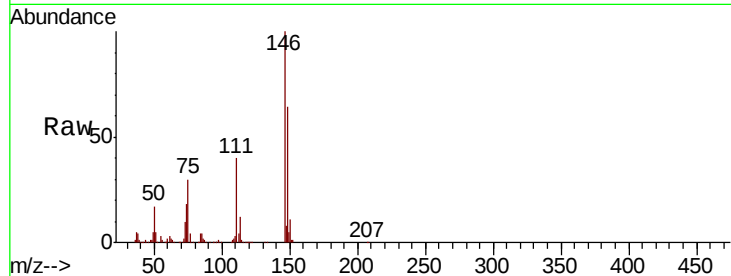
#13
1,4-Dichlorobenzene
Concen: 42.762 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.2	76.8
111	40.4	33.1	49.7

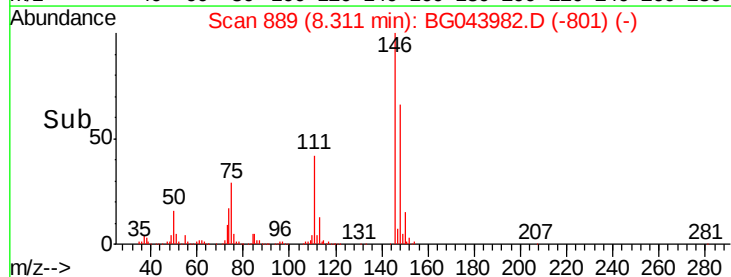
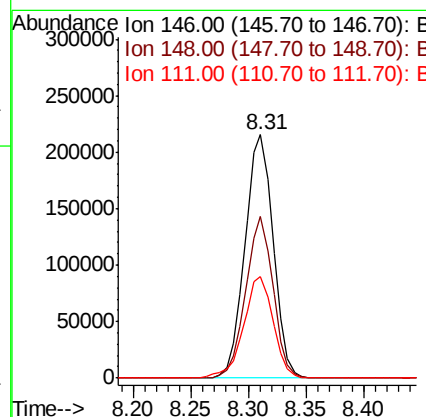
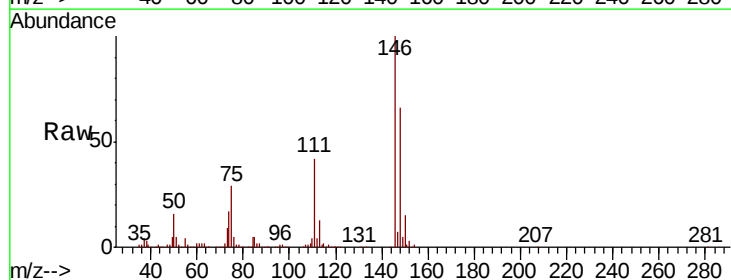
Manual Integrations
APPROVED

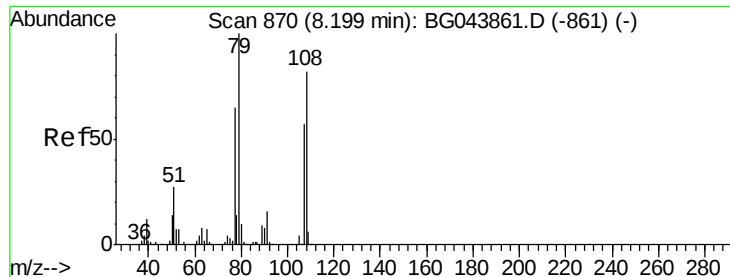
mohammad
1/9/2020 12:10:13 PM



#14
1,2-Dichlorobenzene
Concen: 43.054 ng
RT: 8.31 min Scan# 889
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.7	77.5
111	41.8	34.4	51.6





#15

Benzyl Alcohol

Concen: 47.492 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG043982.D

Acq: 9 Jan 2020 1:54

Instrument :

BNA_G

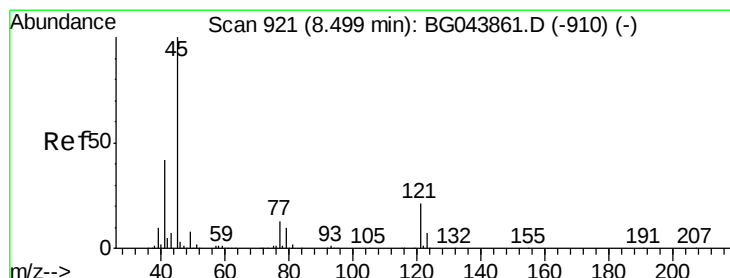
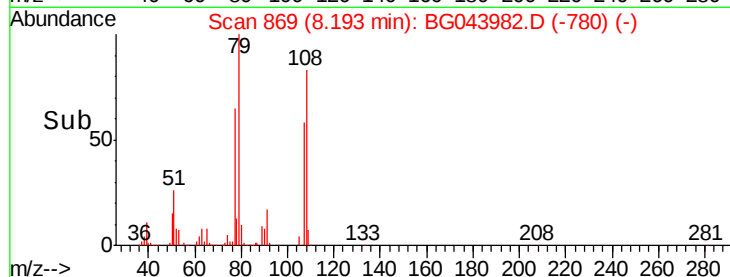
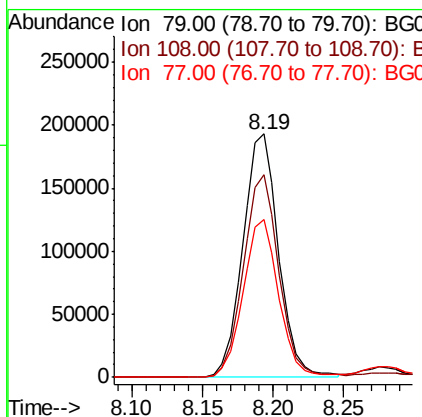
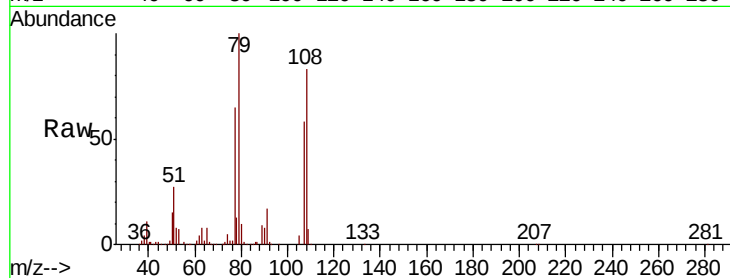
ClientSampleId :

TR-04-010620MSD

Tot Ion:	79	Resp:	341387
Ion Ratio	Lower	Upper	
79	100		
108	83.3	65.6	98.4
77	65.1	52.0	78.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.596 ng

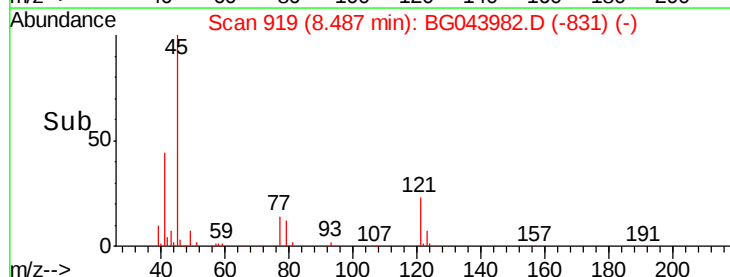
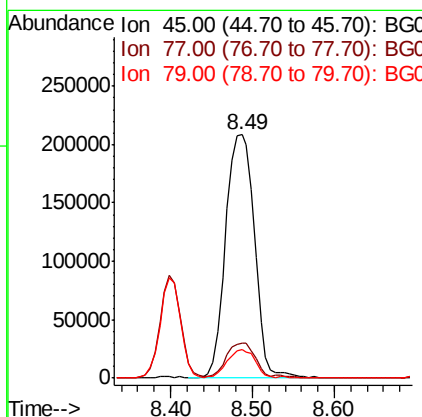
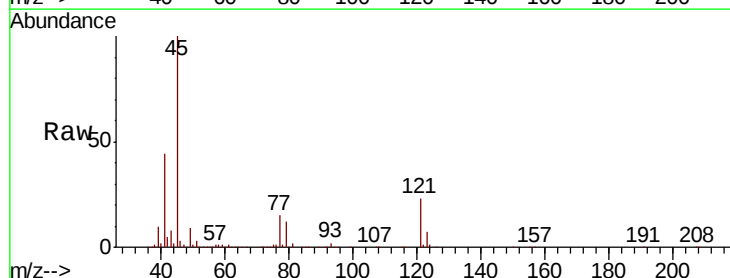
RT: 8.49 min Scan# 919

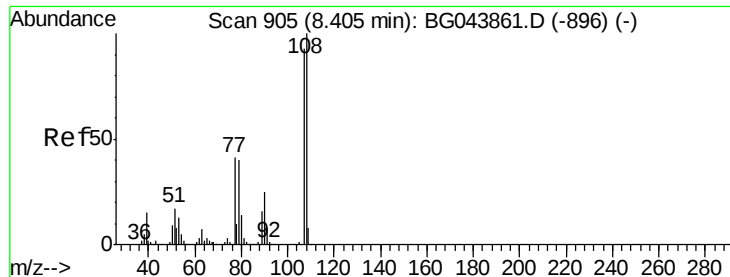
Delta R.T. -0.01 min

Lab File: BG043982.D

Acq: 9 Jan 2020 1:54

Tgt Ion:	45	Resp:	508761
Ion Ratio	Lower	Upper	
45	100		
77	14.6	0.0	33.8
79	11.9	0.0	31.0





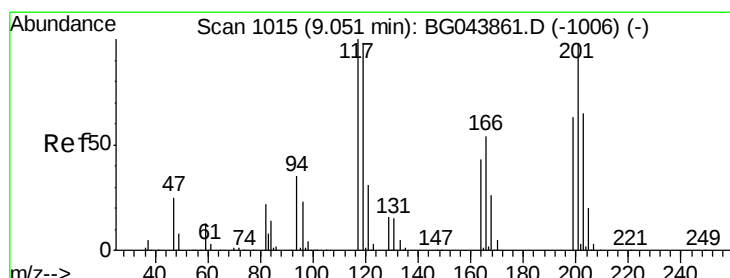
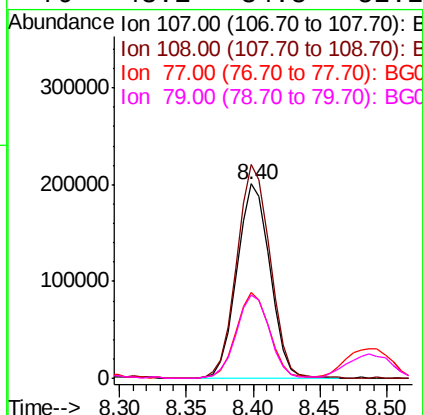
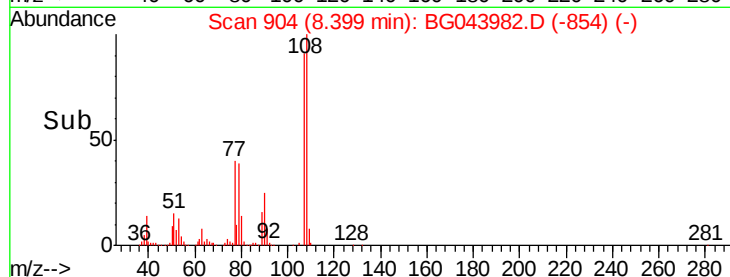
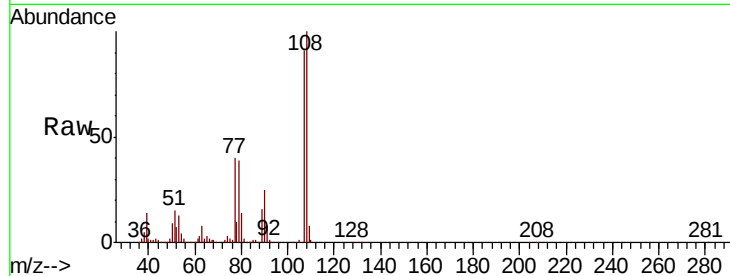
#17
2-Methylphenol
Concen: 50.618 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.0	86.1	129.1	
77	44.0	35.4	53.0	
79	43.1	34.8	52.2	

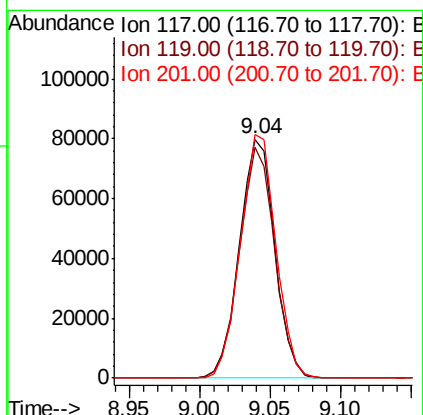
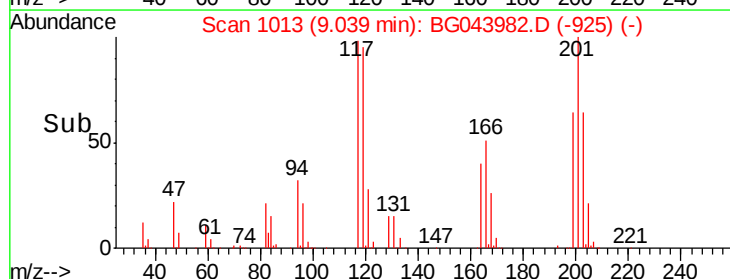
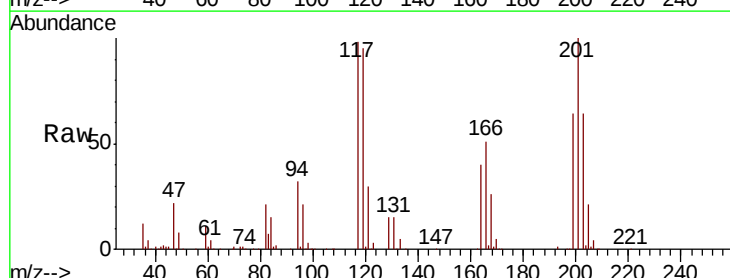
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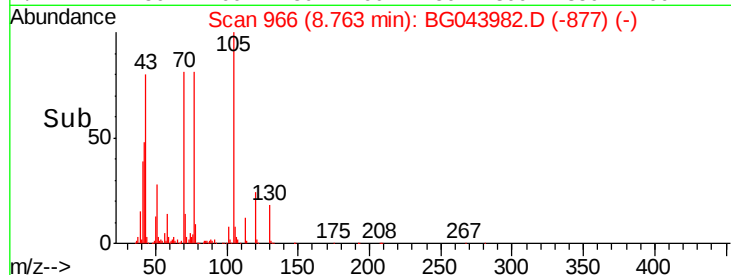
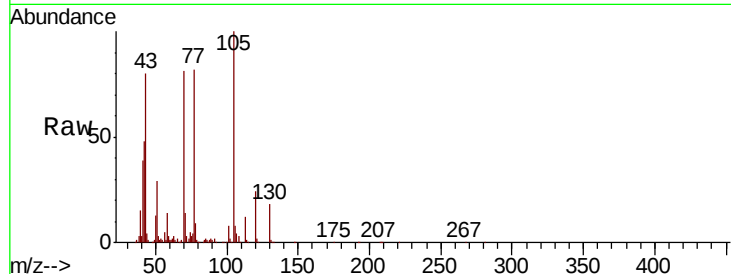
mohammad
1/9/2020 12:10:13 PM



#18
Hexachloroethane
Concen: 40.675 ng
RT: 9.04 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	78.1	117.1	
201	101.9	78.6	117.8	





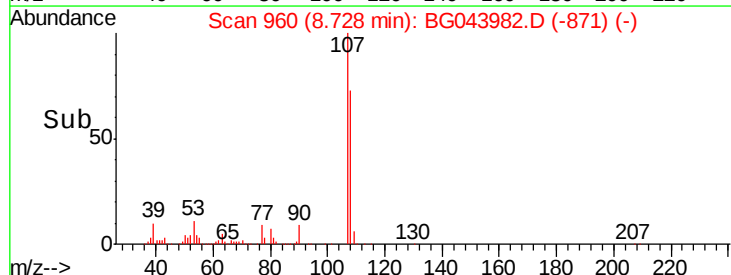
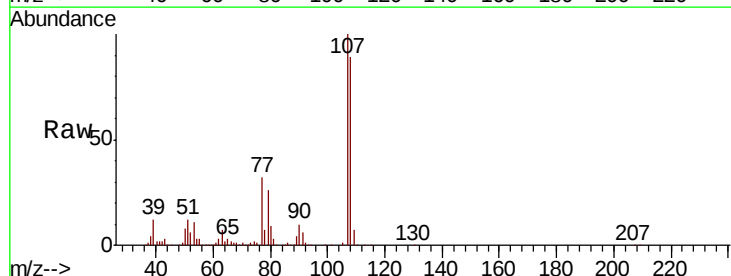
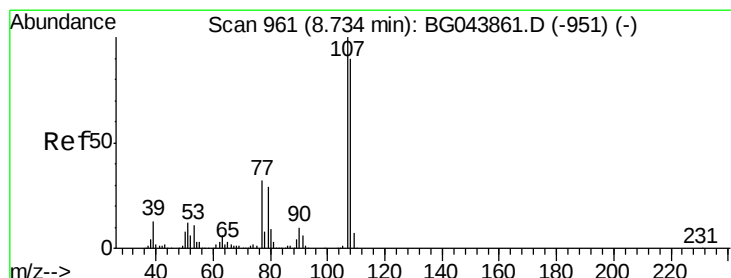
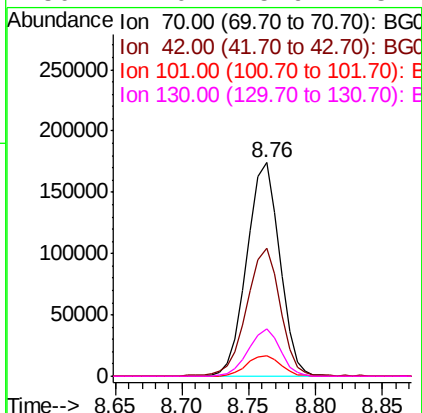
#19
n-Nitroso-di-n-propylamine
Concen: 43.717 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.0	47.0	70.4	
101	9.7	7.2	10.8	
130	22.0	15.6	23.4	

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MSD

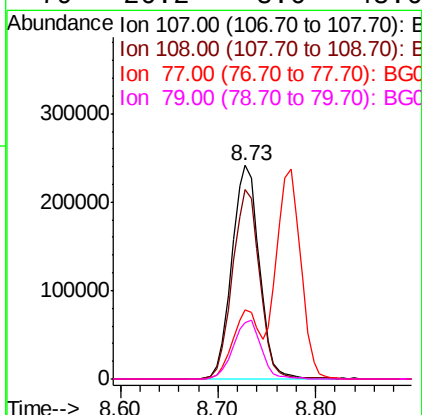
Manual Integrations
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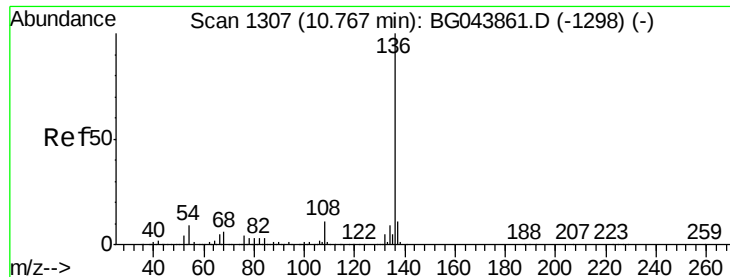
mohammad
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#20
3+4-Methylphenols
Concen: 50.013 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.9	70.3	110.3	
77	32.3	12.4	52.4	
79	26.2	8.6	48.6	





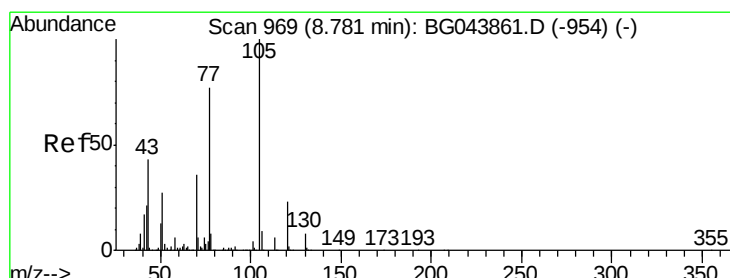
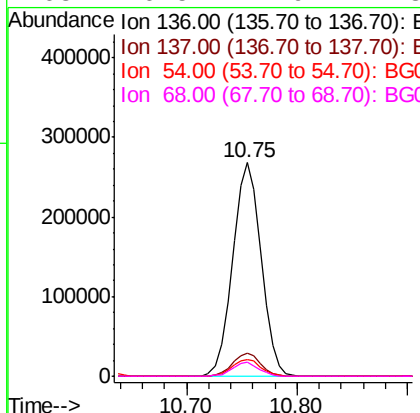
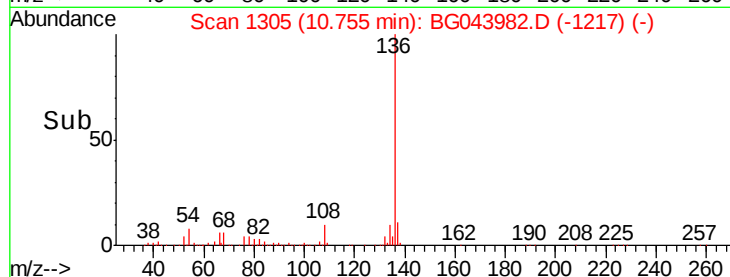
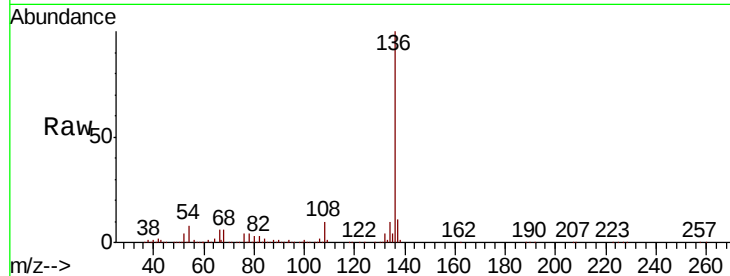
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		482907		
137	11.0	8.8	13.2		
54	7.5	7.0	10.4		
68	6.5	4.9	7.3		

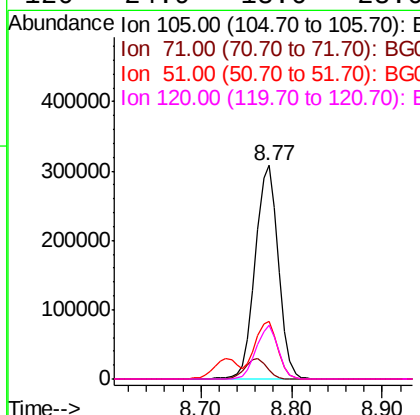
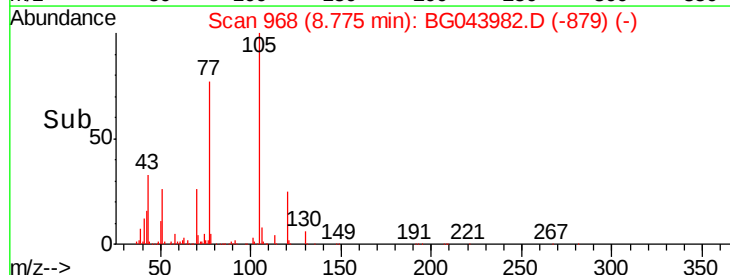
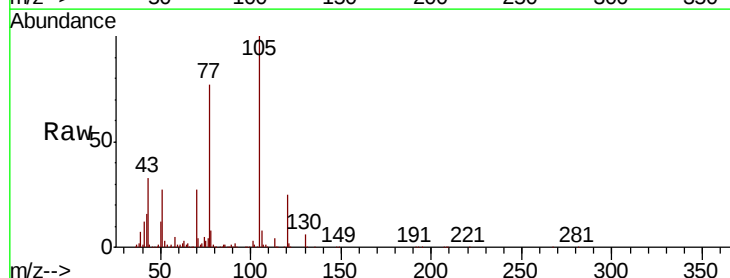
Manual Integrations
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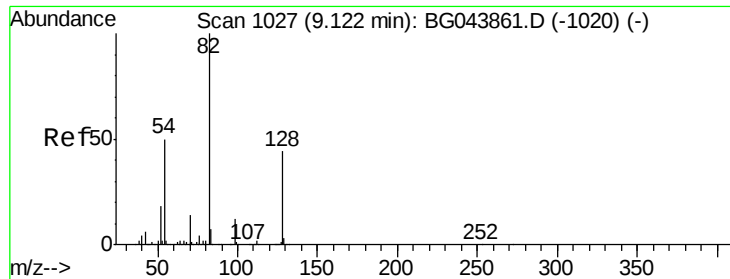
mohammad
1/9/2020 12:10:13 PM



#22
Acetophenone
Concen: 45.422 ng
RT: 8.77 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		545318		
71	4.5	4.8	7.2#		
51	26.8	21.4	32.0		
120	24.9	18.6	28.0		





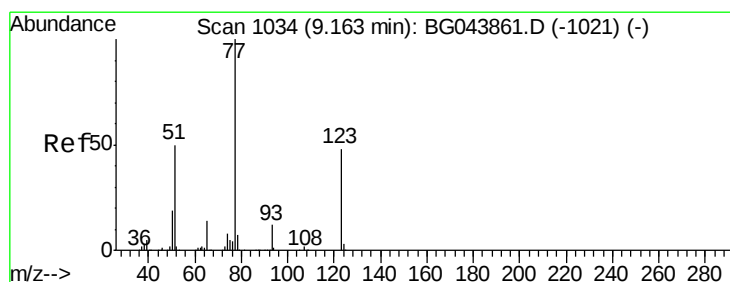
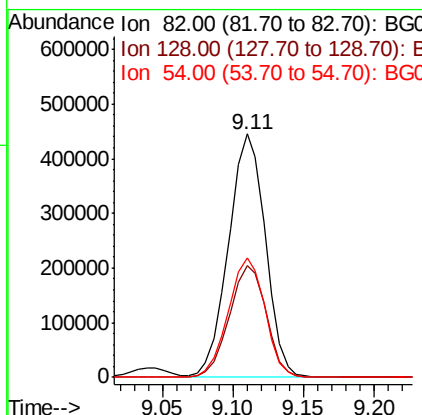
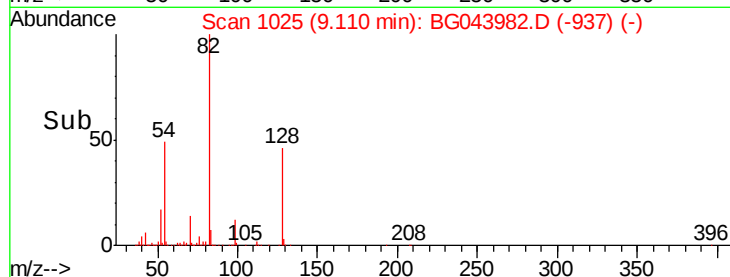
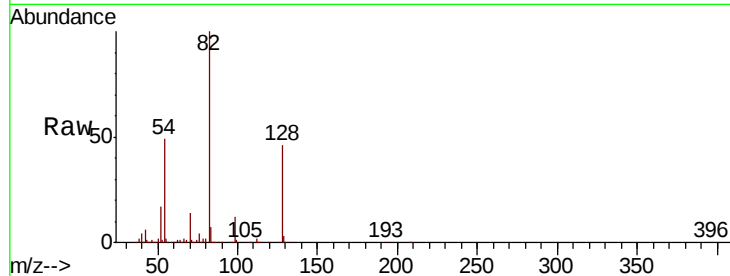
#23
 Nitrobenzene-d5
 Concen: 89.704 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG043982.D
 Acq: 9 Jan 2020 1:54

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-010620MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	35.1	52.7
54	49.2	40.1	60.1

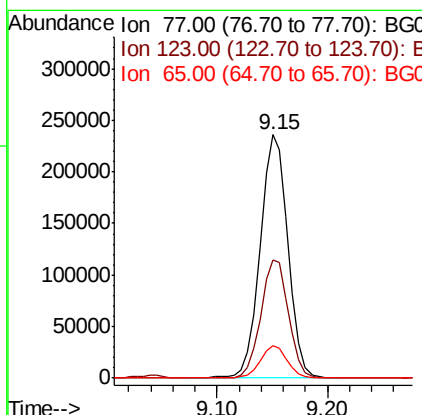
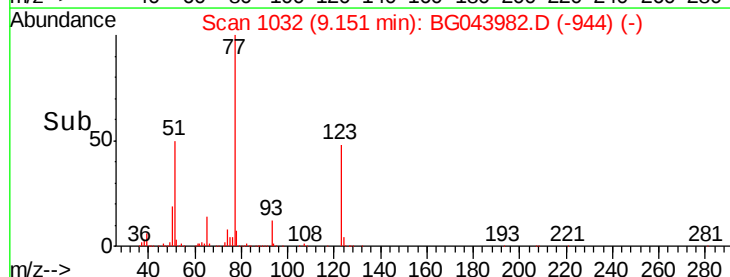
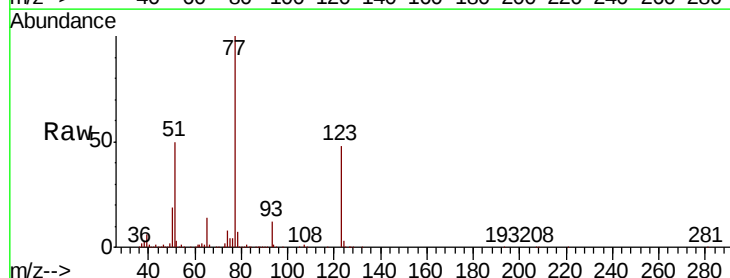
Manual Integrations
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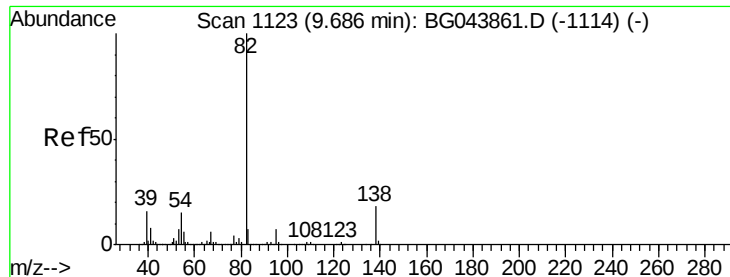
mohammad
 1/9/2020 12:10:13 PM



#24
 Nitrobenzene
 Concen: 46.200 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BG043982.D
 Acq: 9 Jan 2020 1:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.3	38.7	58.1
65	13.6	11.1	16.7





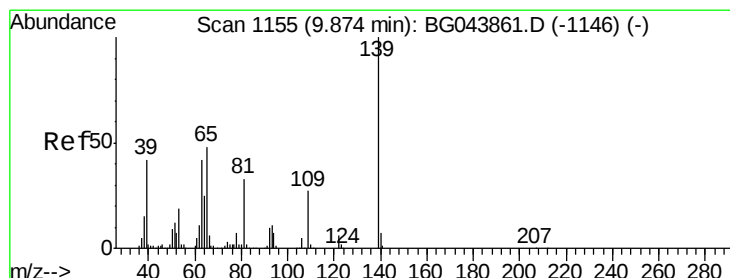
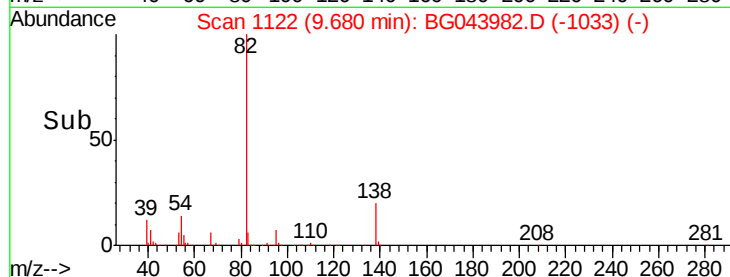
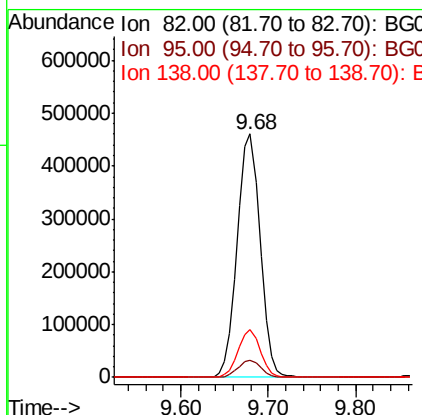
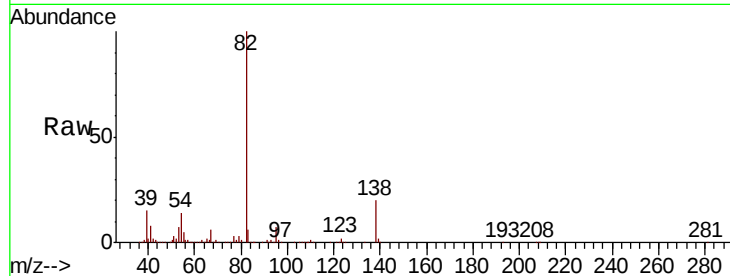
#25
Isophorone
Concen: 48.048 ng
RT: 9.68 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.8	8.6
138	19.6	14.6	22.0

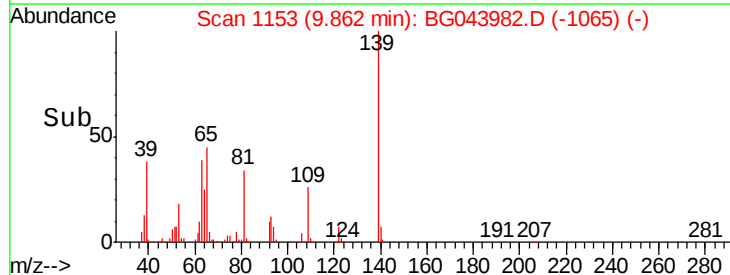
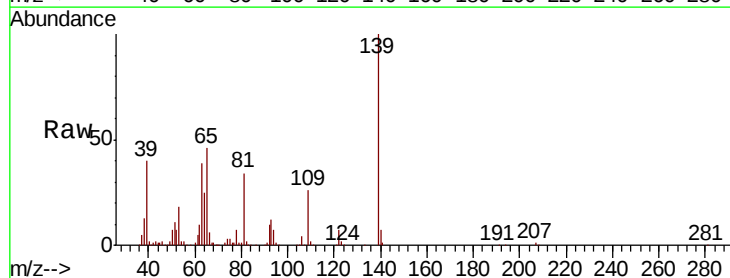
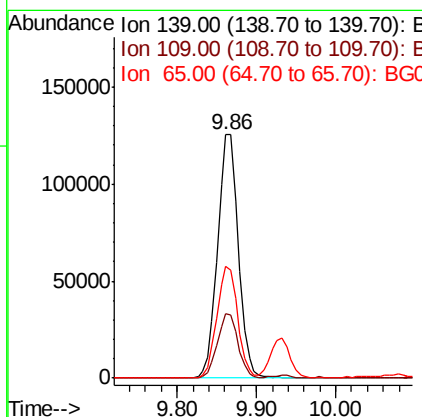
Manual Integrations
APPROVED

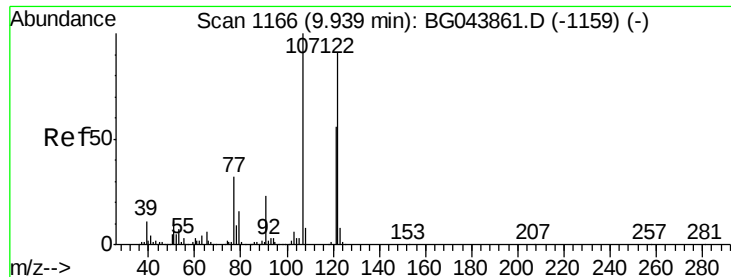
mohammad
1/9/2020 12:10:13 PM



#26
2-Nitrophenol
Concen: 53.867 ng
RT: 9.86 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	26.2	21.3	31.9
65	45.9	38.6	57.8





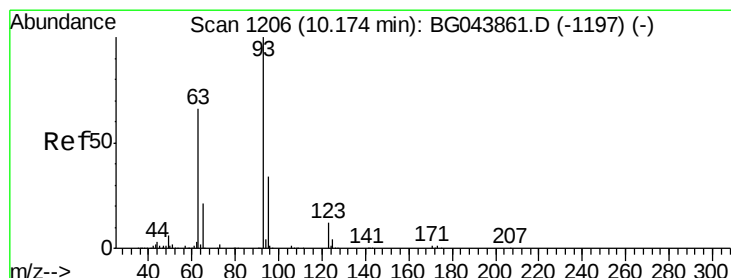
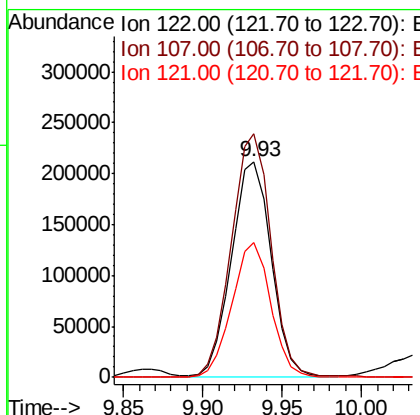
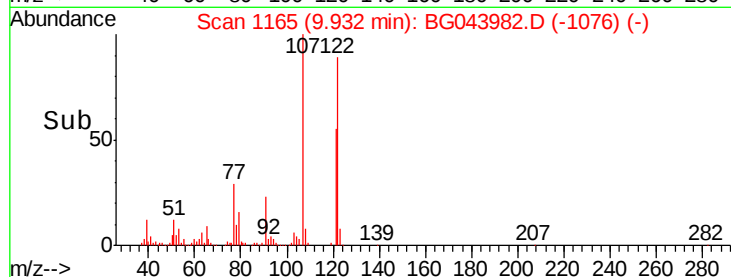
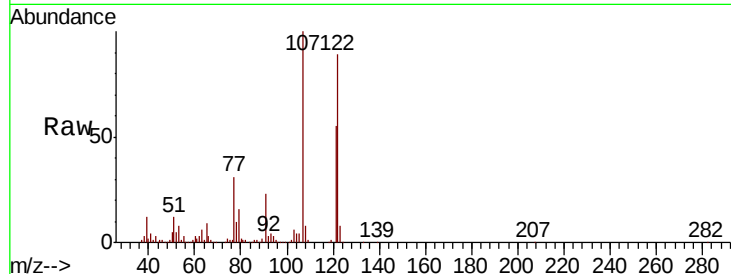
#27
2,4-Dimethylphenol
Concen: 57.825 ng
RT: 9.93 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	368192		
107	112.9	88.0	132.0	
121	62.5	49.0	73.4	

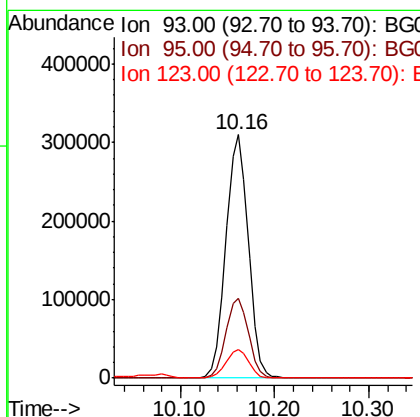
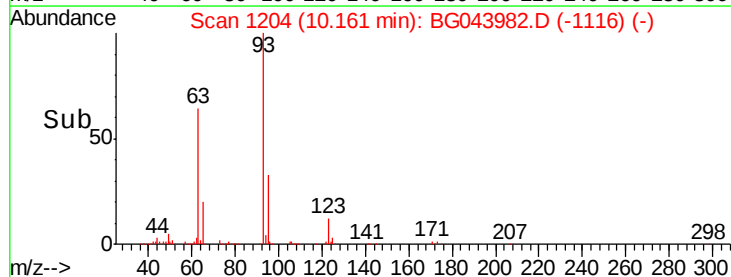
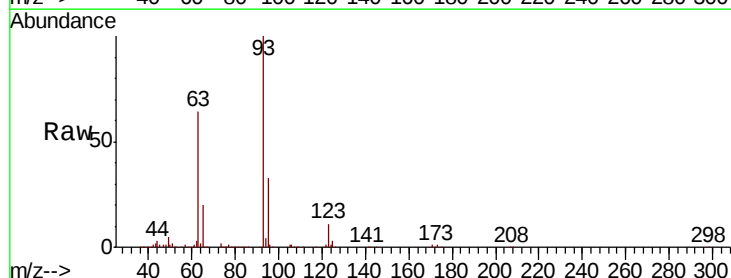
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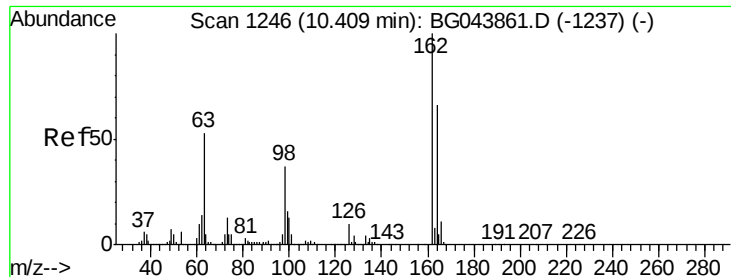
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 45.415 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	512762		
95	32.9	27.2	40.8	
123	11.5	9.7	14.5	





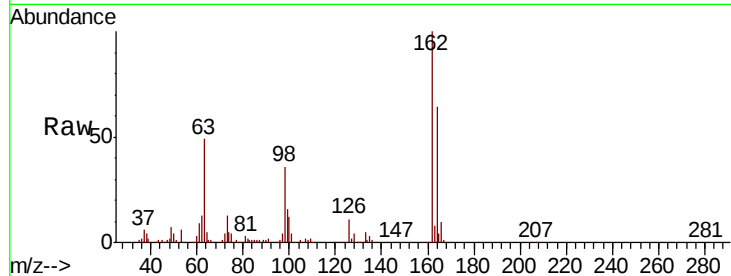
#29
 2,4-Dichlorophenol
 Concen: 52.014 ng
 RT: 10.40 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BG043982.D
 Acq: 9 Jan 2020 1:54

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-010620MSD

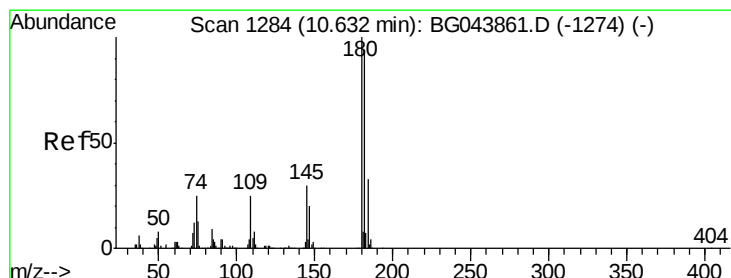
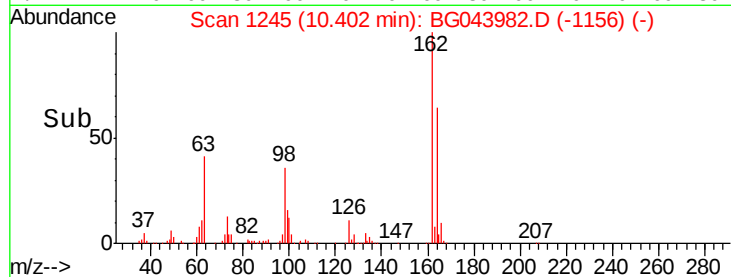
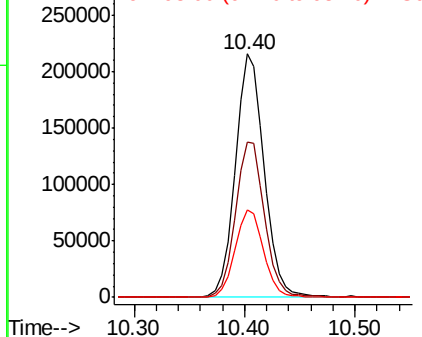
Tot Ion:	162	Resp:	395049
Ion Ratio	Lower	Upper	
162	100		
164	63.7	46.3	86.3
98	36.0	17.3	57.3

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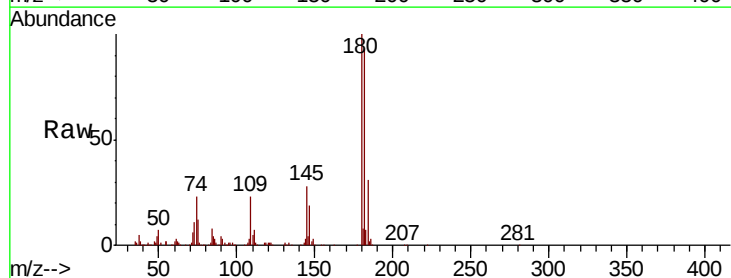


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

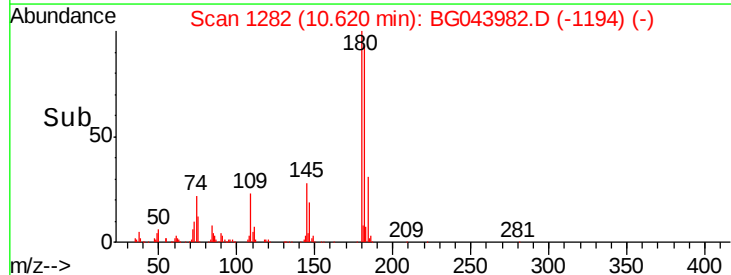
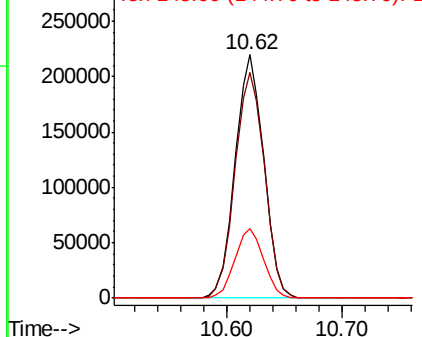


#30
 1,2,4-Trichlorobenzene
 Concen: 44.271 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BG043982.D
 Acq: 9 Jan 2020 1:54

Tgt Ion:	180	Resp:	377013
Ion Ratio	Lower	Upper	
180	100		
182	92.7	75.0	112.4
145	28.3	24.2	36.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





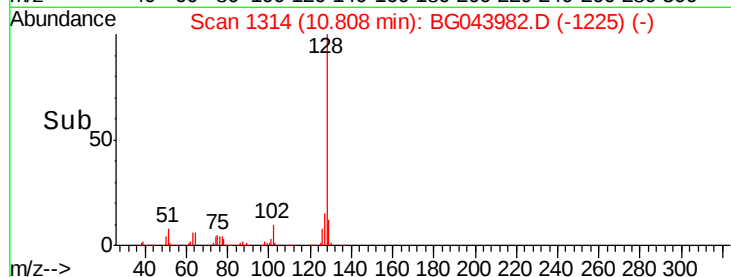
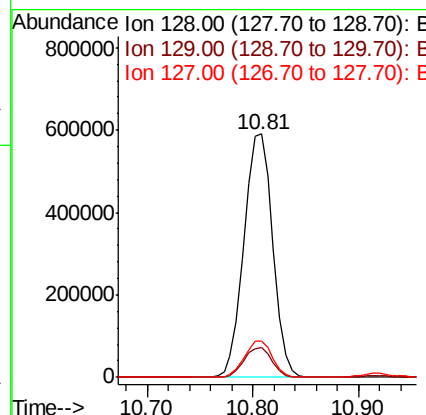
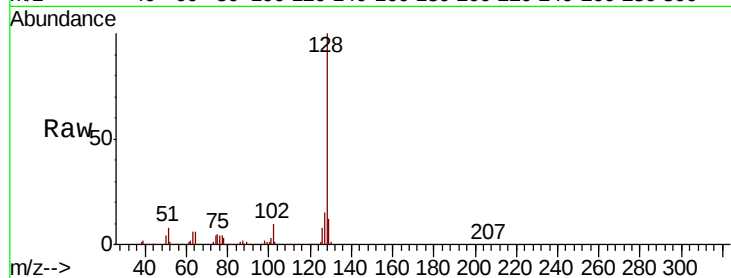
#31
Naphthalene
Concen: 47.666 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.8	14.6
127	15.0	12.0	18.0

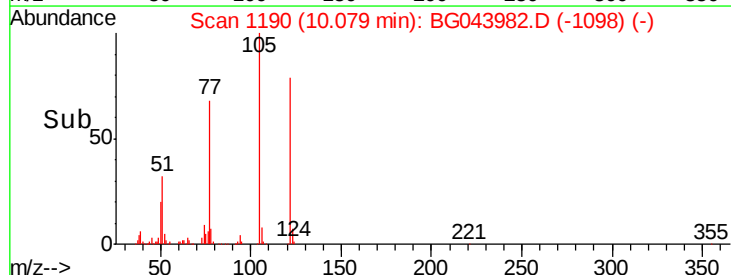
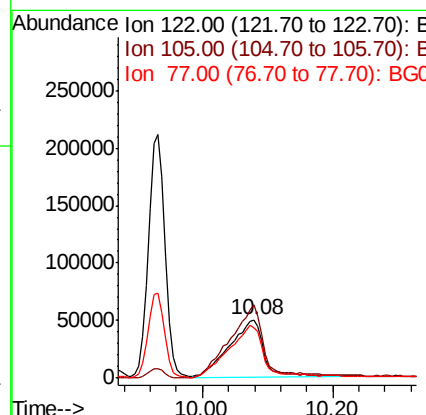
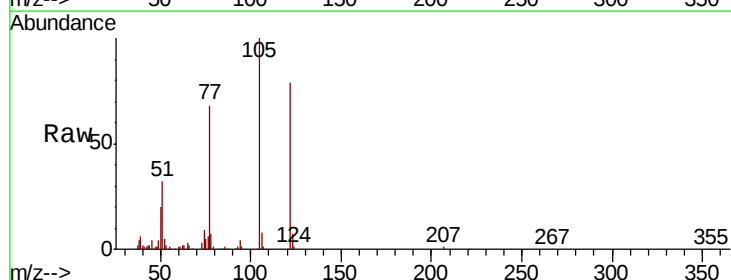
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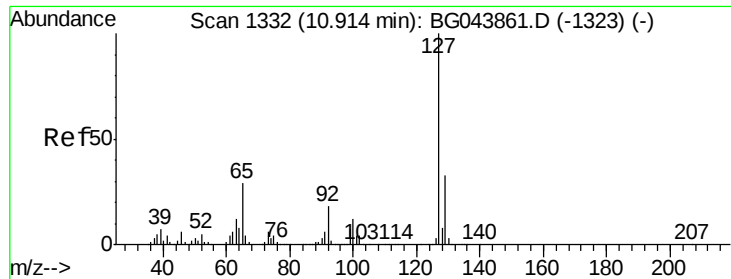
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#32
Benzoic acid
Concen: 36.676 ng
RT: 10.08 min Scan# 1190
Delta R.T. 0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.9	106.4	146.4
77	85.8	74.6	114.6





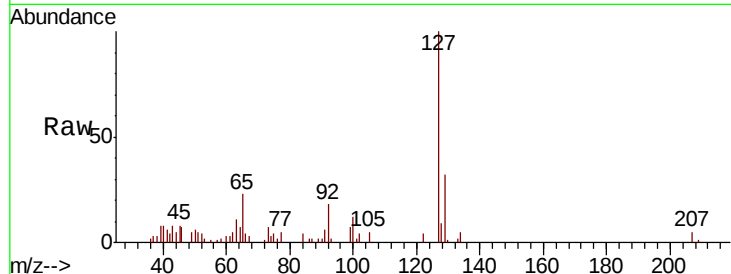
#33
4-Chloroaniline
Concen: 2.111 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MSD

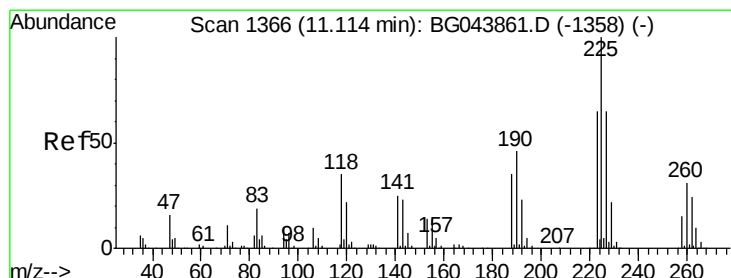
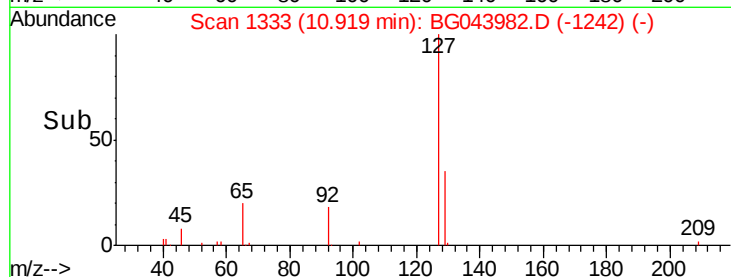
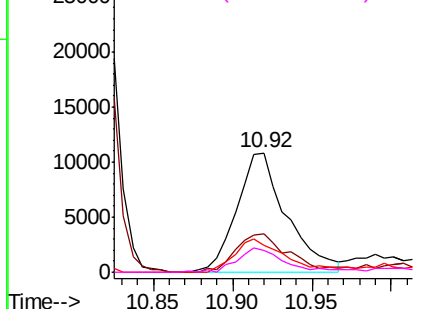
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.6	40.0
65	22.9	23.3	34.9
92	17.9	14.7	22.1

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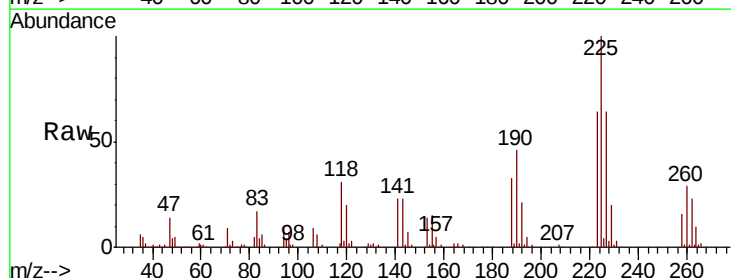


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

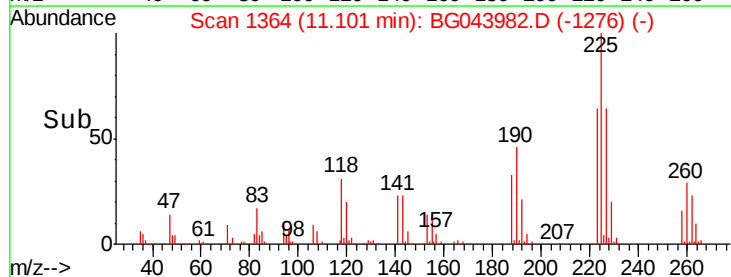
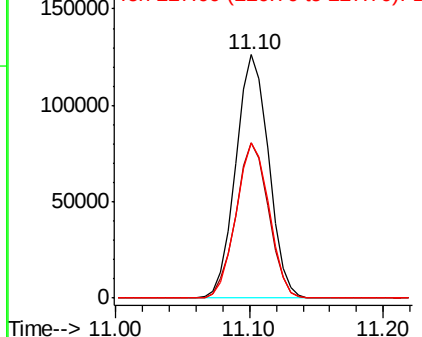


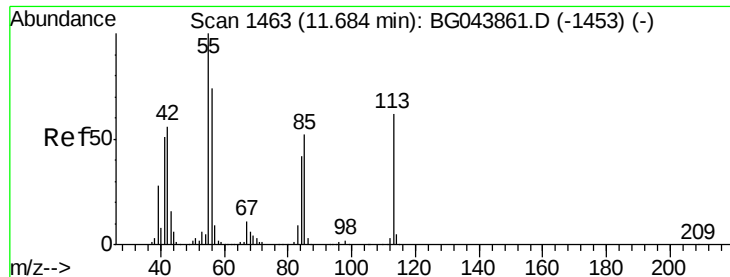
#34
Hexachlorobutadiene
Concen: 41.409 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	52.2	78.4
227	63.8	52.1	78.1



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





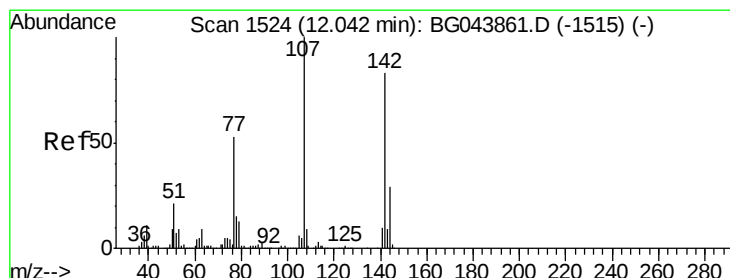
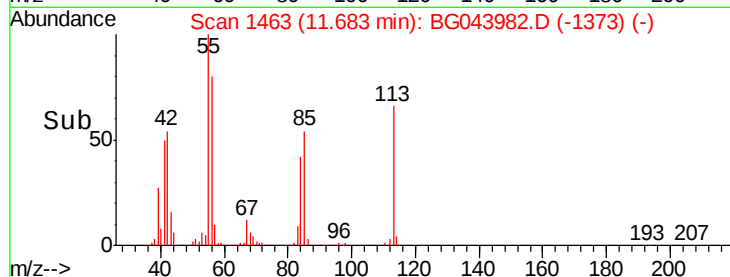
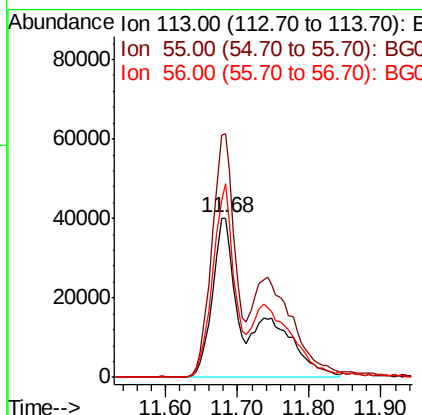
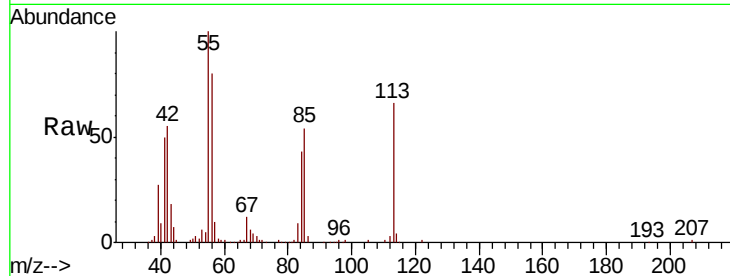
#35
 Caprolactam
 Concen: 52.270 ng/ml
 RT: 11.68 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: BG043982.D
 Acq: 9 Jan 2020 1:54

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-010620MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	152.5	142.5	182.5
56	121.7	101.4	141.4

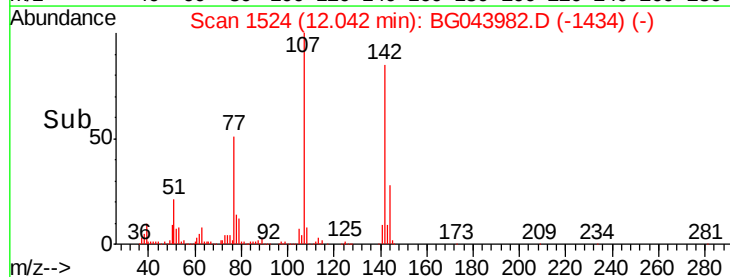
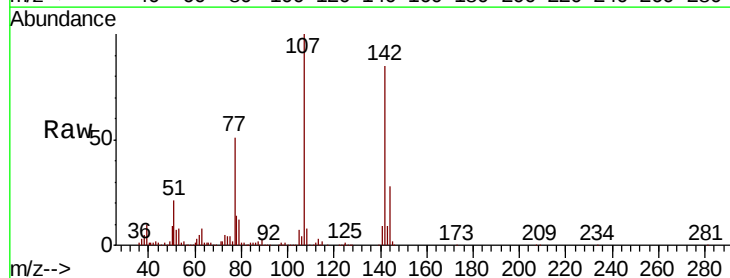
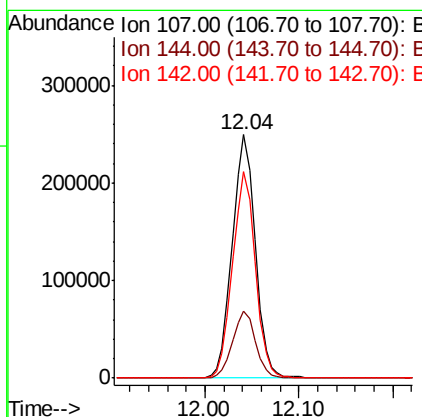
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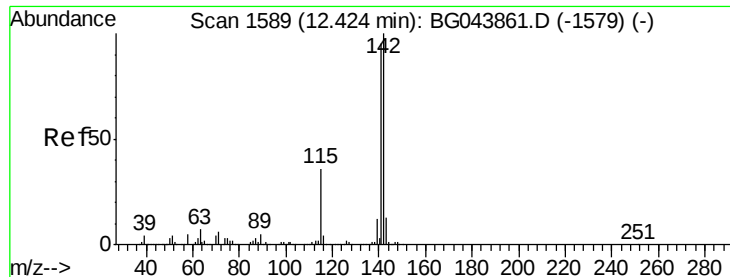
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#36
 4-Chloro-3-methylphenol
 Concen: 52.888 ng/ml
 RT: 12.04 min Scan# 1524
 Delta R.T. -0.00 min
 Lab File: BG043982.D
 Acq: 9 Jan 2020 1:54

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.5	23.4	35.2
142	84.8	66.3	99.5





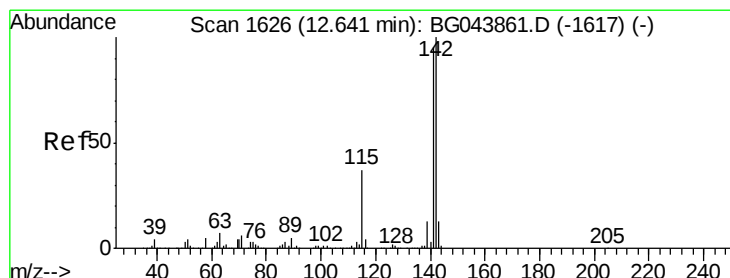
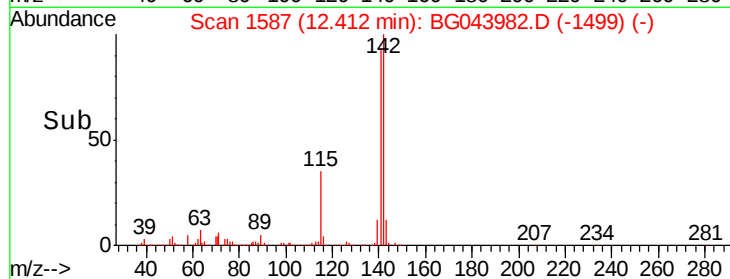
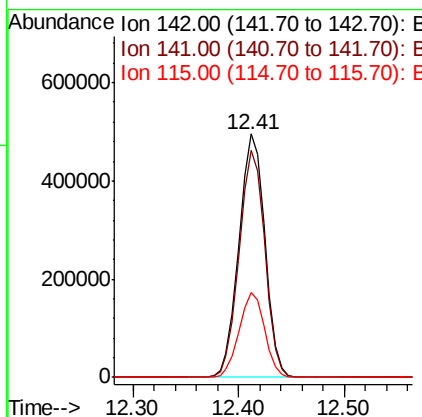
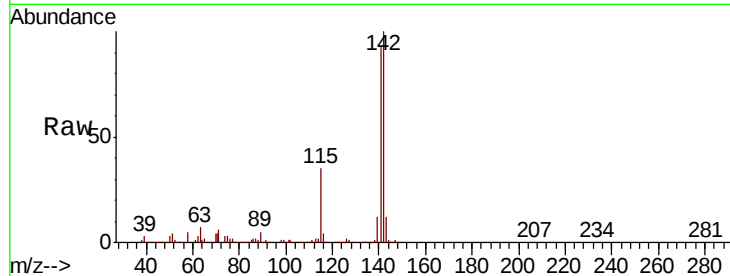
#37
2-Methylnaphthalene
Concen: 47.758 ng
RT: 12.41 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.1	75.8	113.8
115	34.8	28.6	42.8

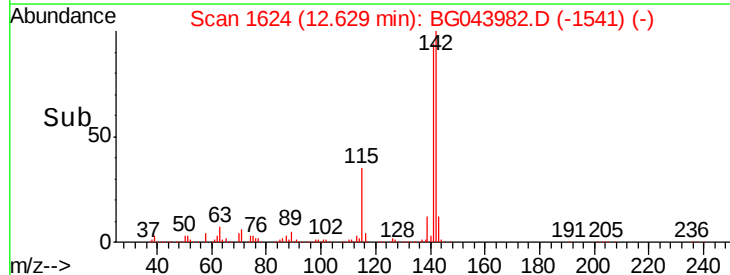
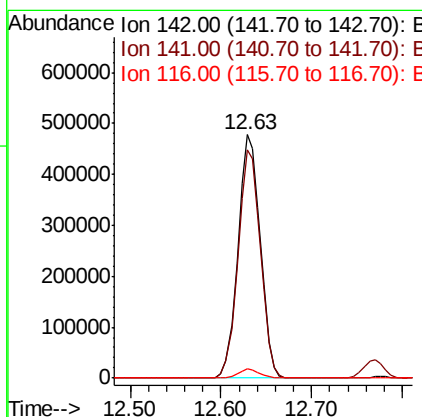
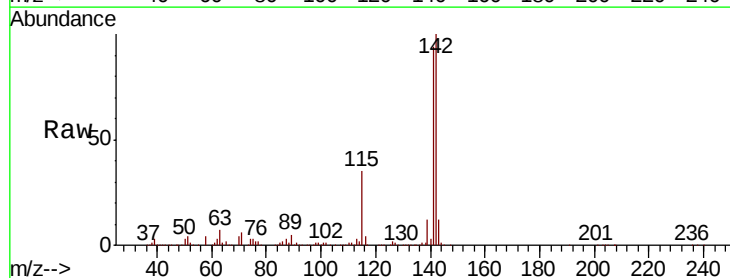
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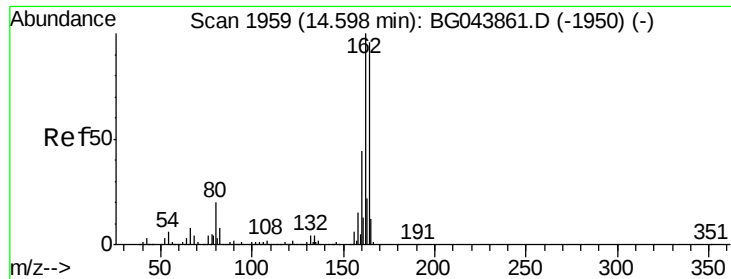
mohammad
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#38
1-Methylnaphthalene
Concen: 48.804 ng
RT: 12.63 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	76.0	114.0
116	4.0	3.1	4.7





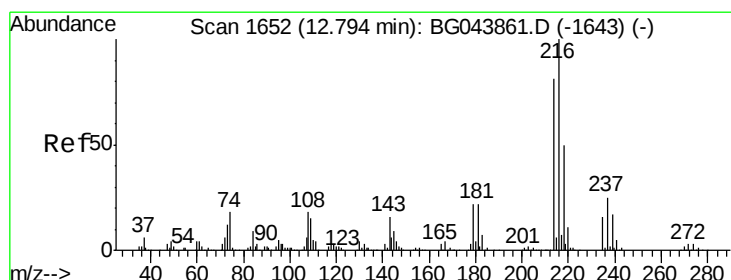
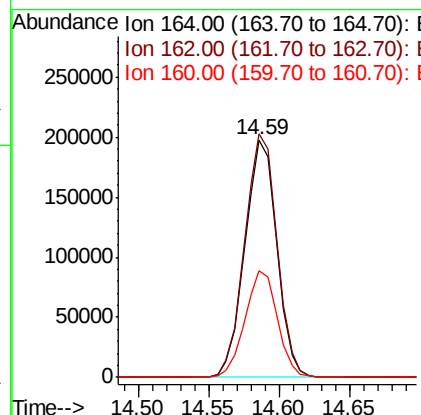
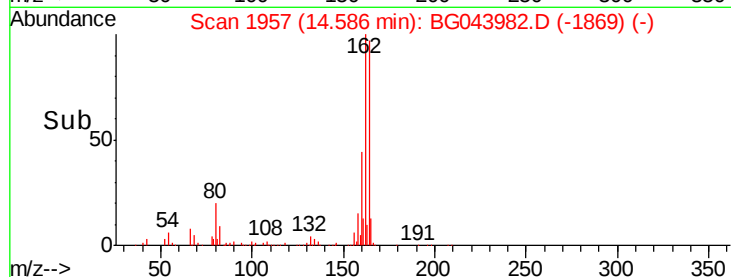
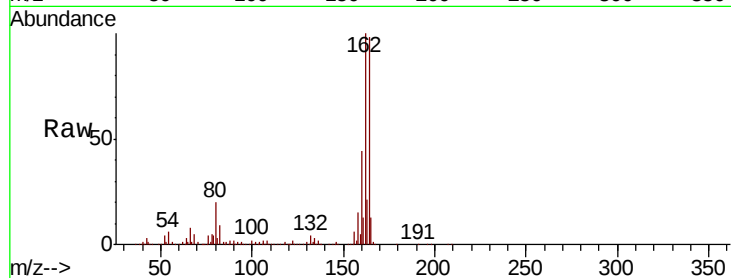
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.4	83.0	124.4	
160	44.7	36.1	54.1	

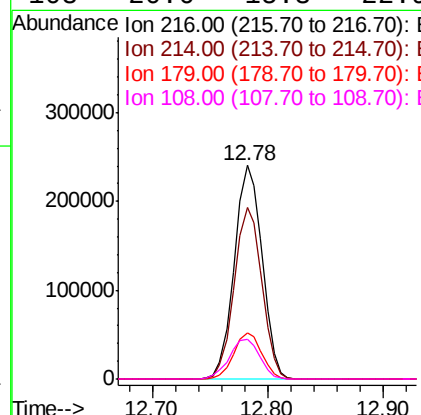
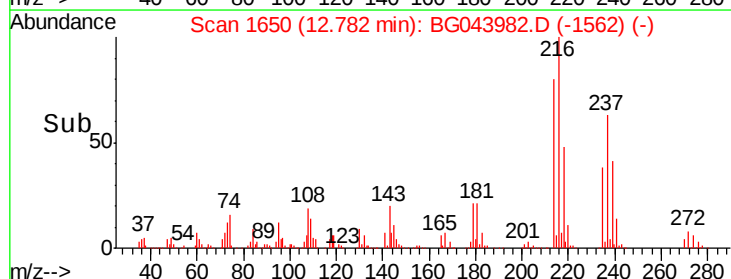
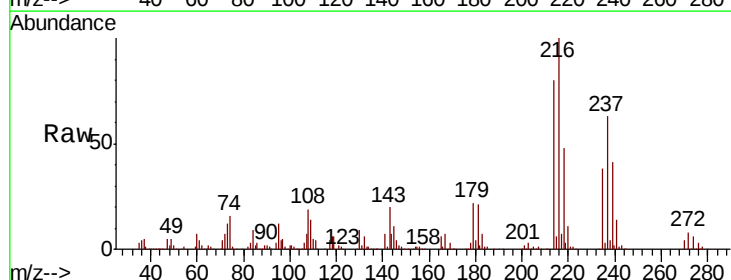
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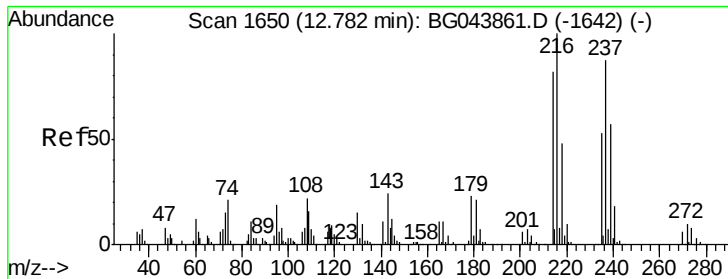
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.560 ng
RT: 12.78 min Scan# 1650
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.0	63.8	95.8	
179	21.5	17.3	25.9	
108	20.6	15.3	22.9	





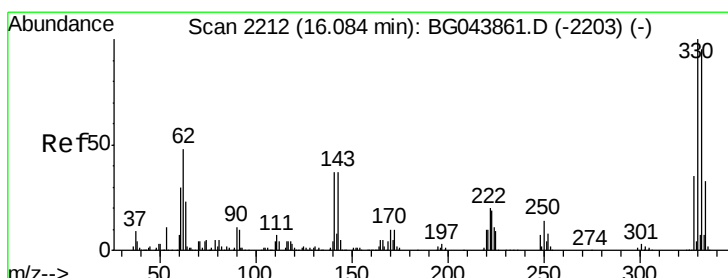
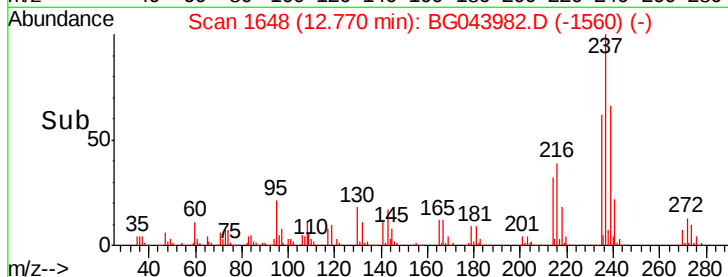
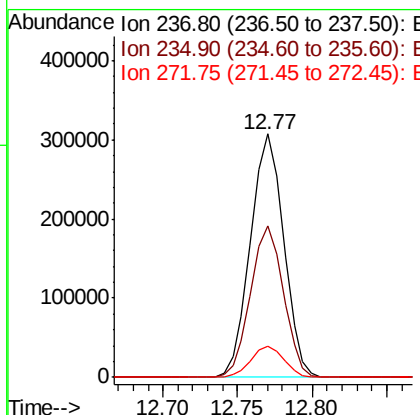
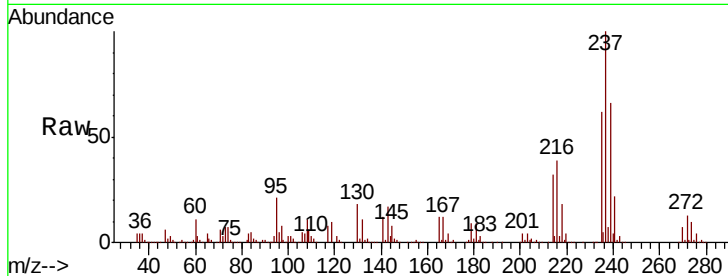
#41
Hexachlorocyclopentadiene
Concen: 99.595 ng
RT: 12.77 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100	473470		
235	62.5	41.1	81.1	
272	13.0	0.0	31.7	

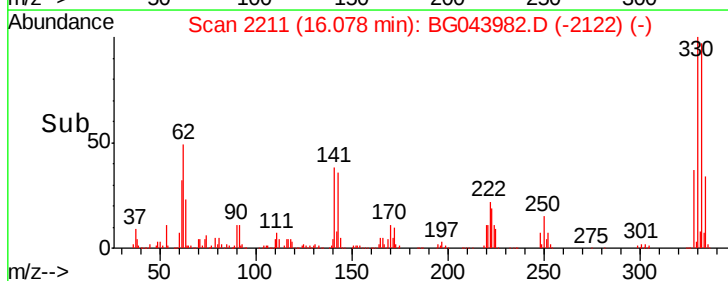
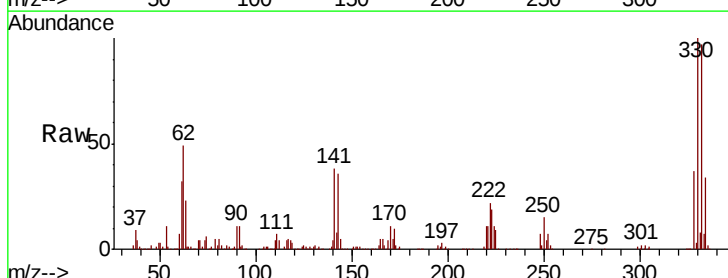
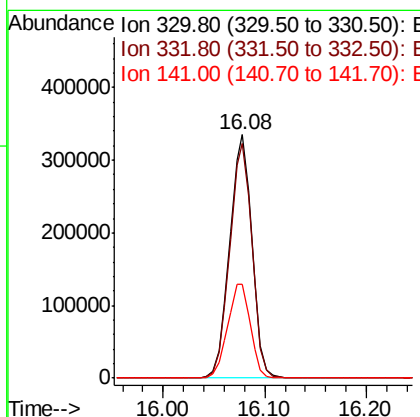
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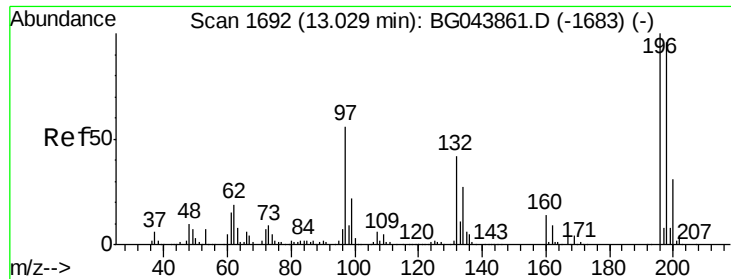
mohammad
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#42
2,4,6-Tribromophenol
Concen: 155.908 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	510434		
332	96.4	77.2	115.8	
141	39.6	33.1	49.7	





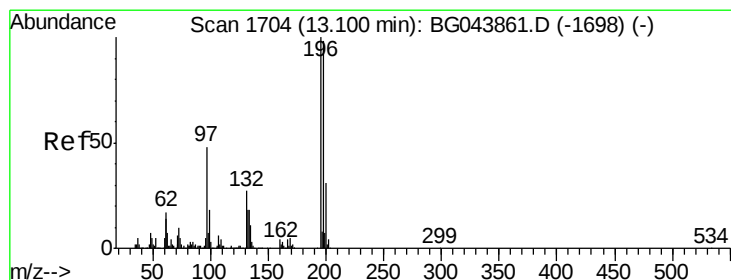
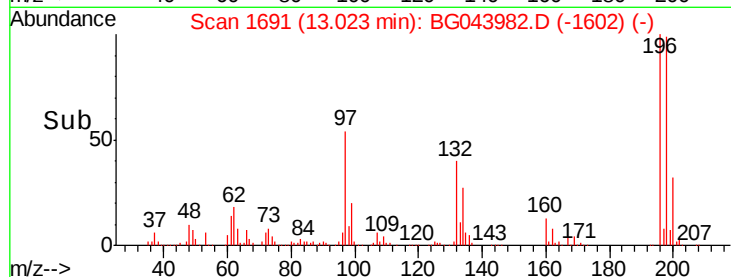
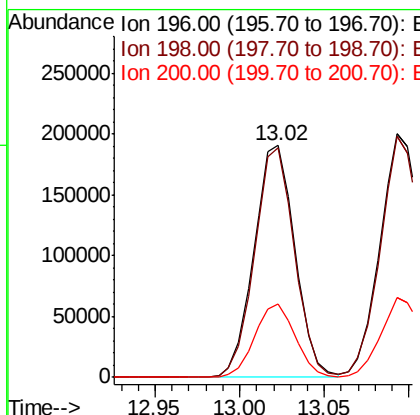
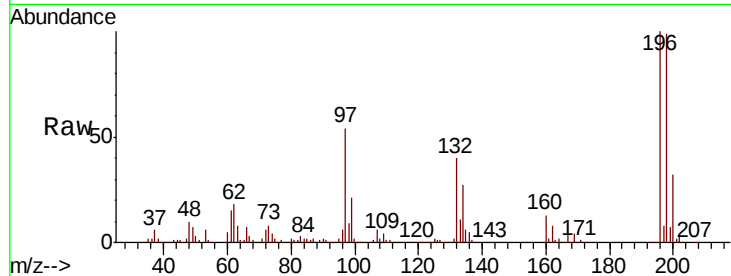
#43
 2,4,6-Trichlorophenol
 Concen: 50.570 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG043982.D
 Acq: 9 Jan 2020 1:54

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-010620MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.4	76.6	115.0
200	31.9	24.6	37.0

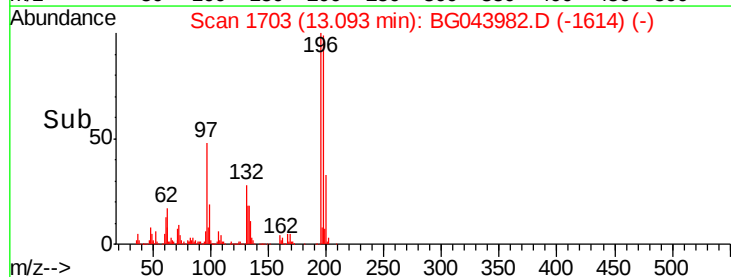
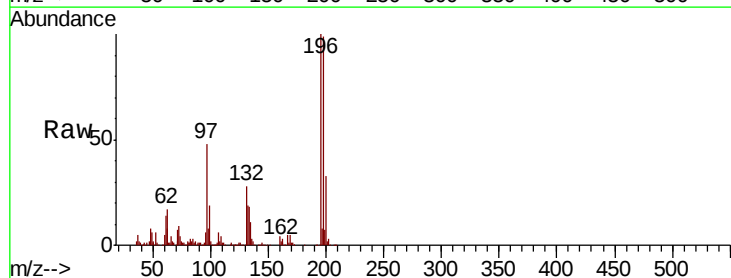
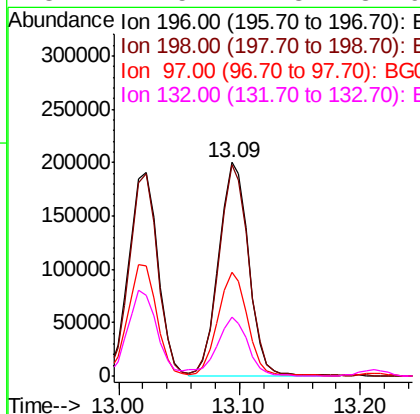
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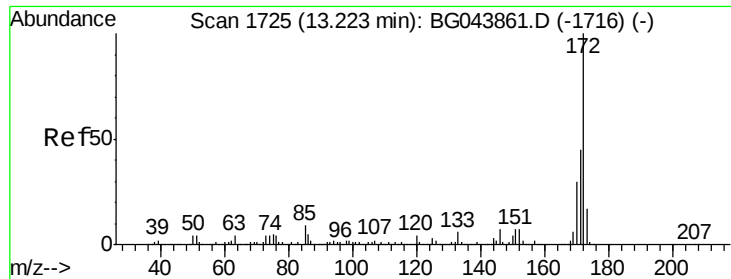
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 52.541 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG043982.D
 Acq: 9 Jan 2020 1:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.0	78.3	117.5
97	48.4	38.8	58.2
132	27.5	21.3	31.9





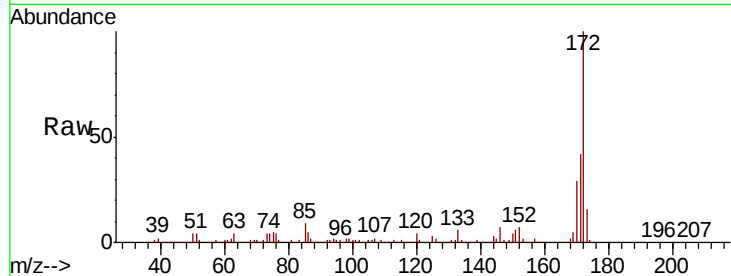
#45
2-Fluorobiphenyl
Concen: 98.055 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	42.3	35.8	53.8
170	29.0	24.2	36.4

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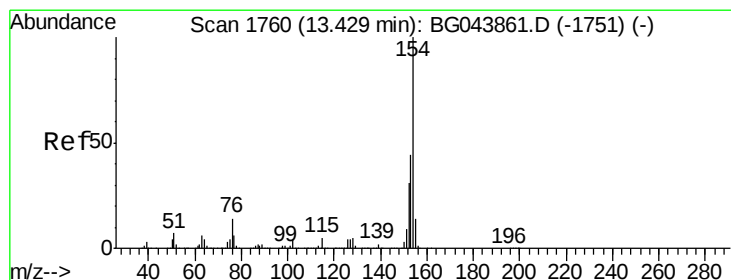
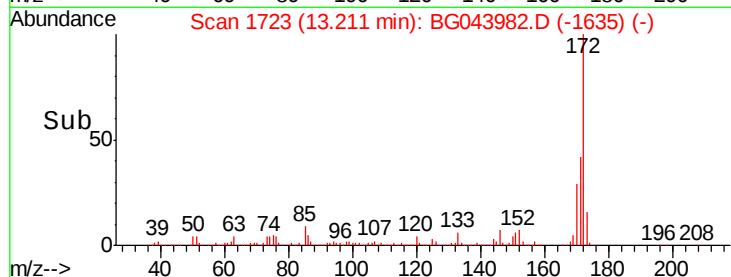
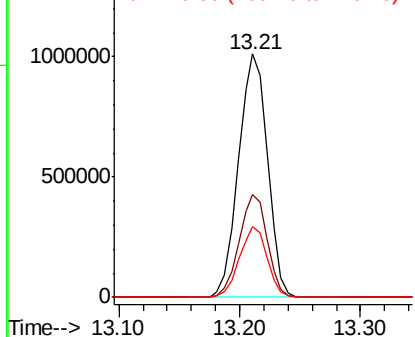


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 47.917 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

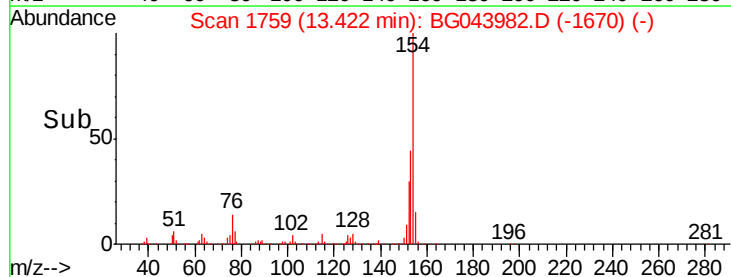
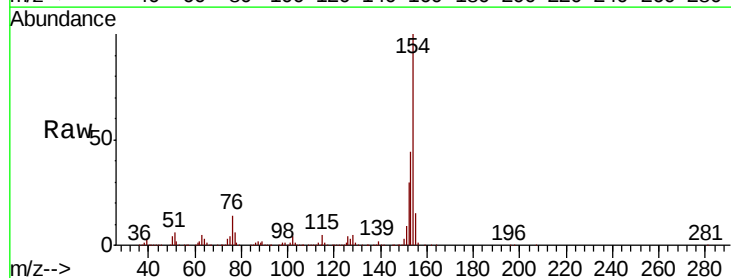
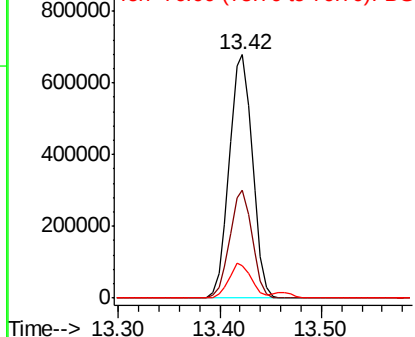
Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.4	23.6	63.6
76	13.5	0.0	34.4

Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC





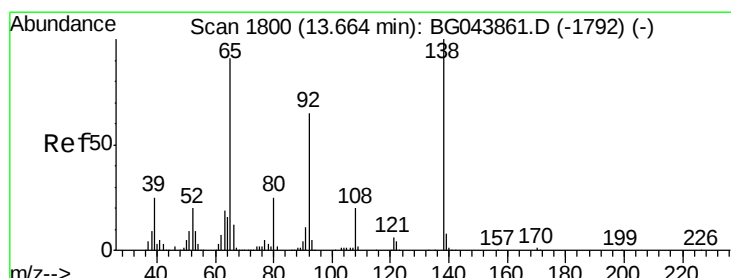
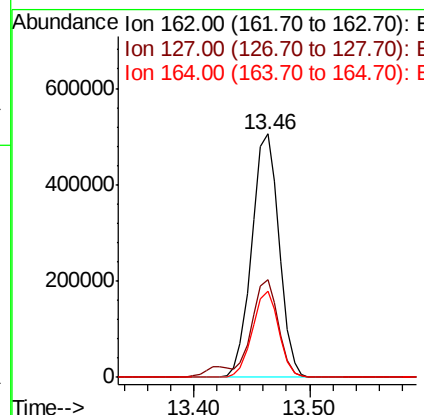
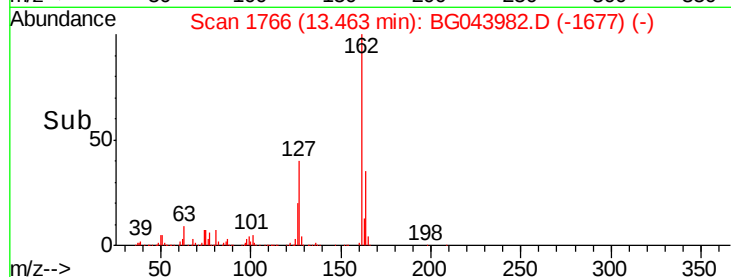
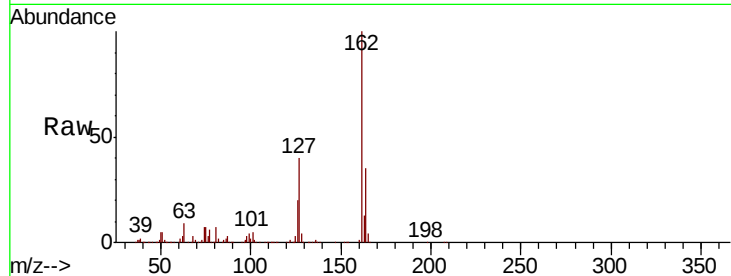
#47
2-Chloronaphthalene
Concen: 46.105 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.9	32.1	48.1	
164	35.5	27.5	41.3	

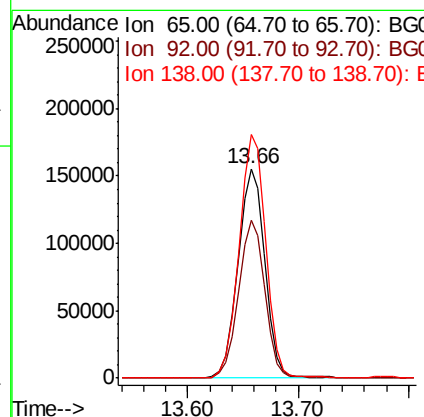
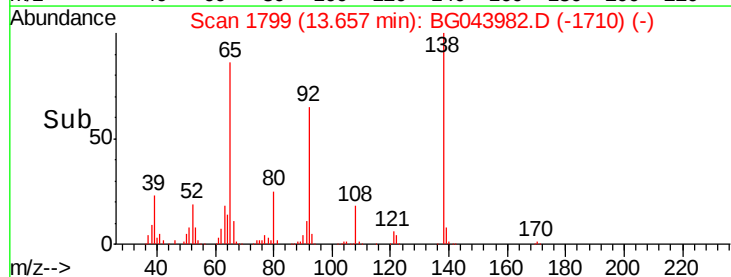
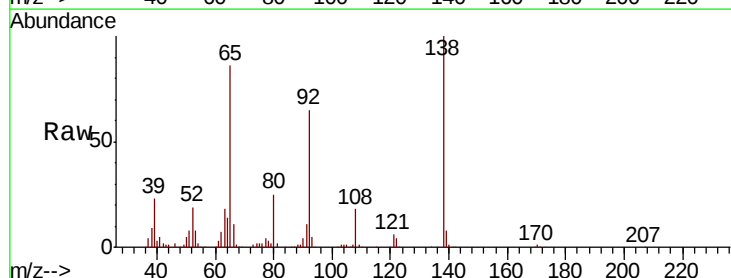
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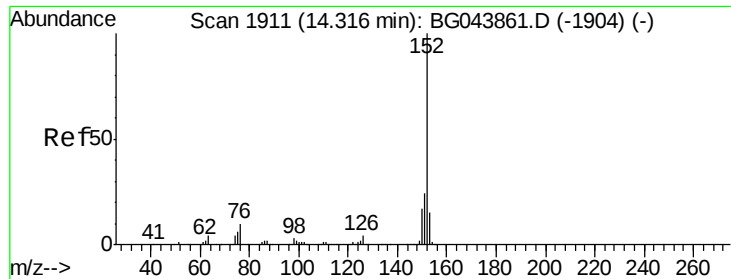
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#48
2-Nitroaniline
Concen: 45.596 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	75.5	57.4	86.2	
138	116.5	88.2	132.4	





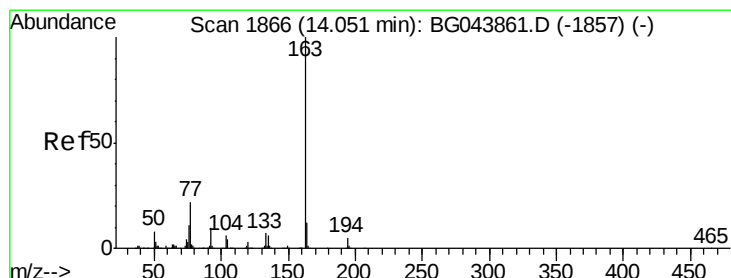
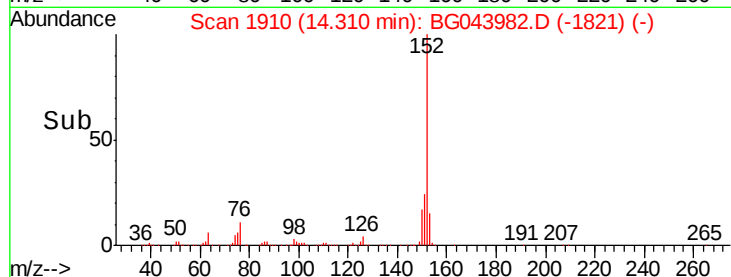
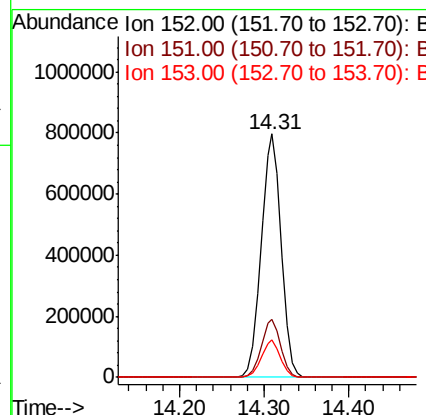
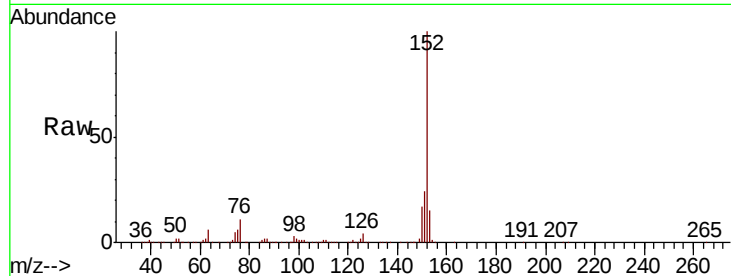
#49
Acenaphthylene
Concen: 50.781 ng
RT: 14.31 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	24.0	19.4	29.2
153	15.2	12.0	18.0

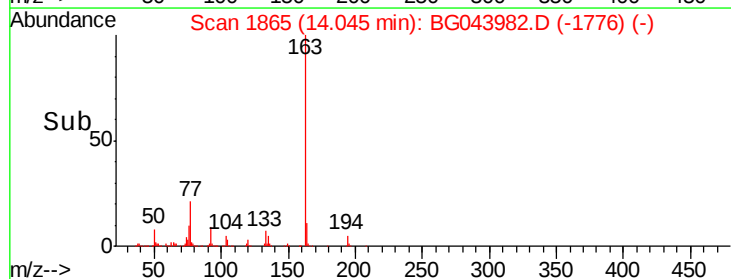
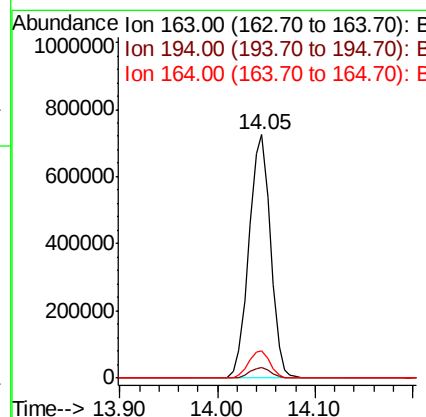
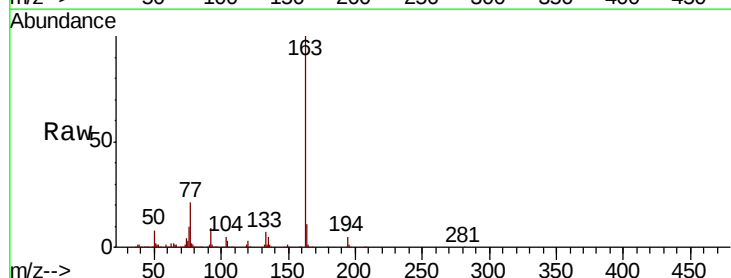
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#50
Dimethylphthalate
Concen: 49.810 ng
RT: 14.05 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.7	5.5
164	11.1	9.3	13.9





#51

2,6-Dinitrotoluene

Concen: 51.291 ng

RT: 14.16 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BG043982.D

Acq: 9 Jan 2020 1:54

Instrument :

BNA_G

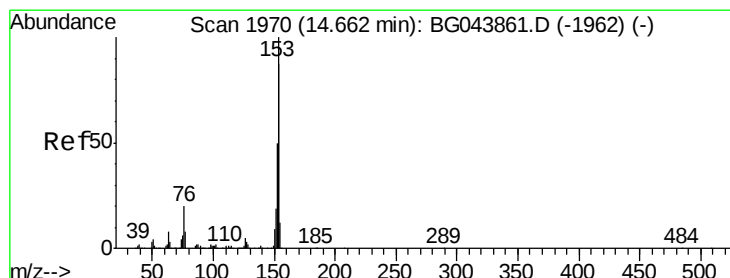
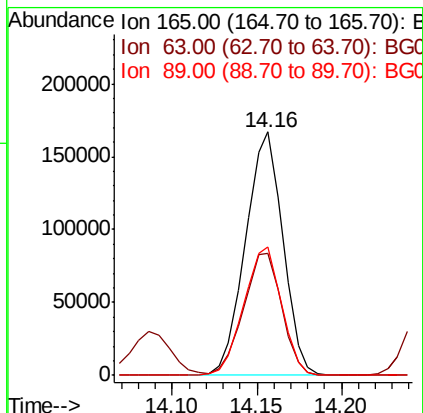
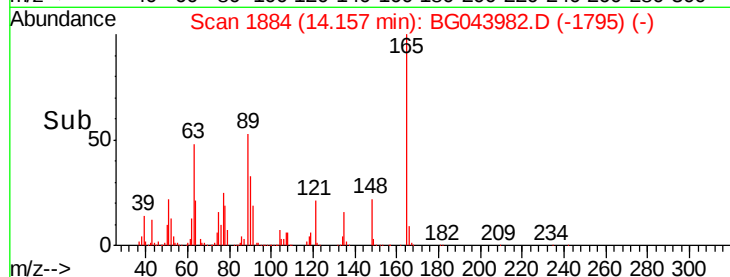
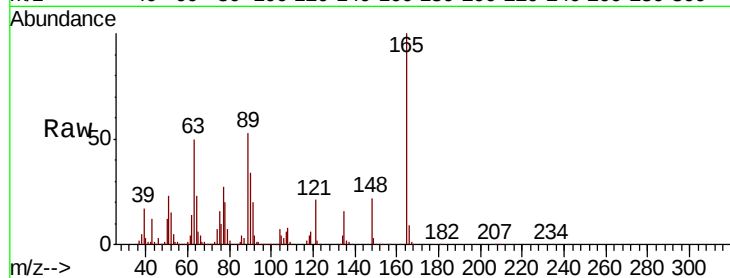
ClientSampleId :

TR-04-010620MSD

Tot Ion:	165	Resp:	257526
Ion Ratio	Lower	Upper	
165	100		
63	50.1	43.1	64.7
89	52.6	43.8	65.6

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#52

Acenaphthene

Concen: 46.634 ng

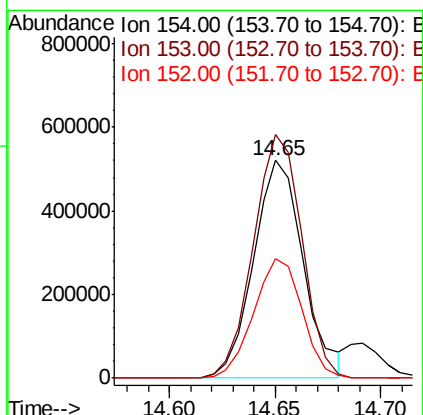
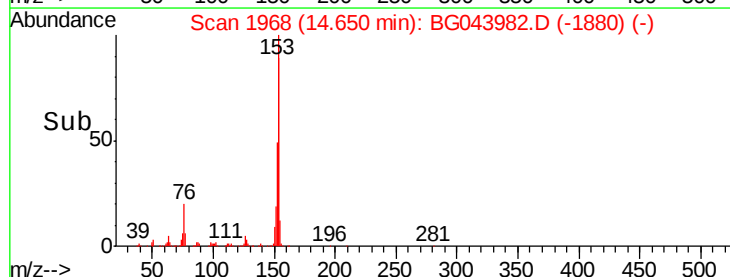
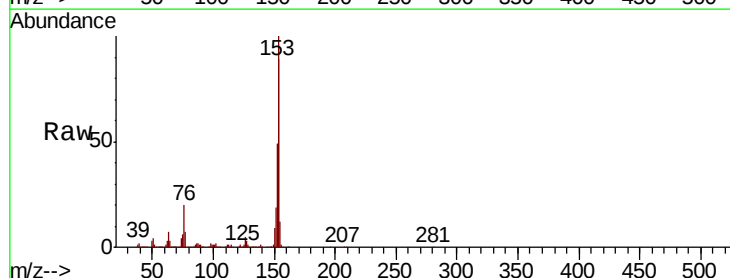
RT: 14.65 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BG043982.D

Acq: 9 Jan 2020 1:54

Tgt Ion:	154	Resp:	851998
Ion Ratio	Lower	Upper	
154	100		
153	111.9	91.6	137.4
152	54.8	45.4	68.0





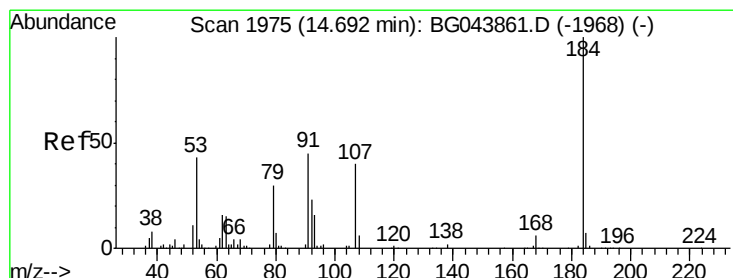
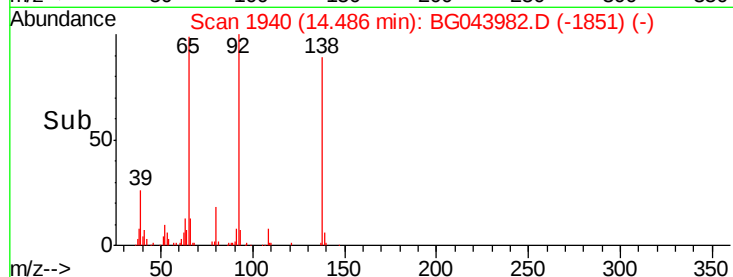
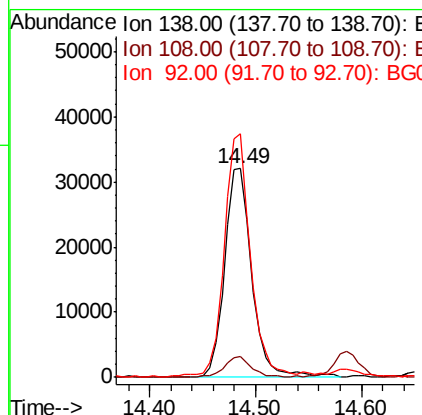
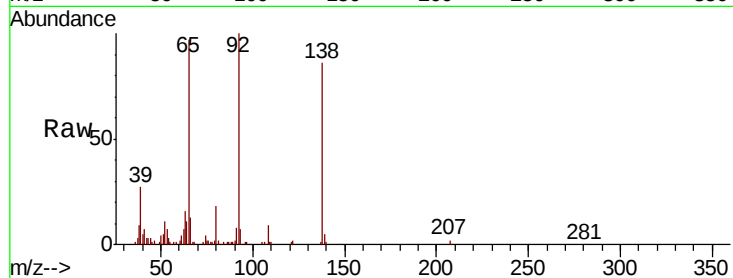
#53
3-Nitroaniline
Concen: 9.996 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	7.4	11.2
92	116.5	92.1	138.1

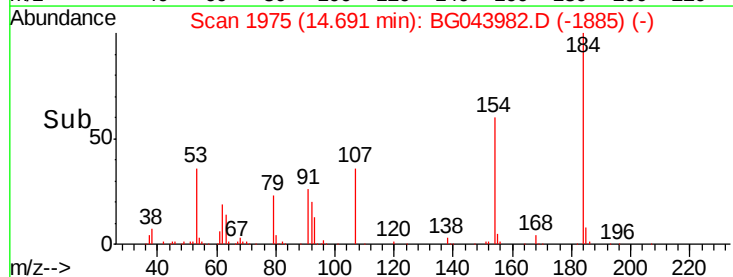
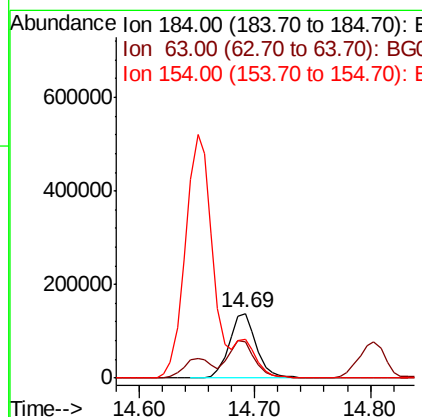
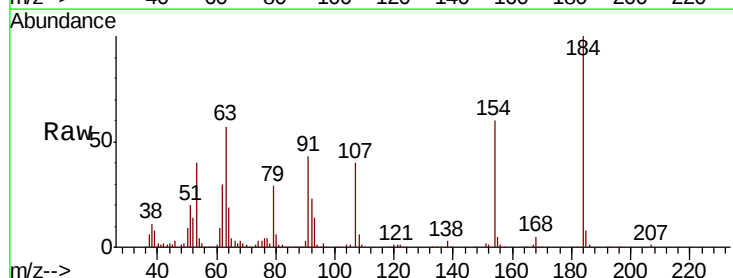
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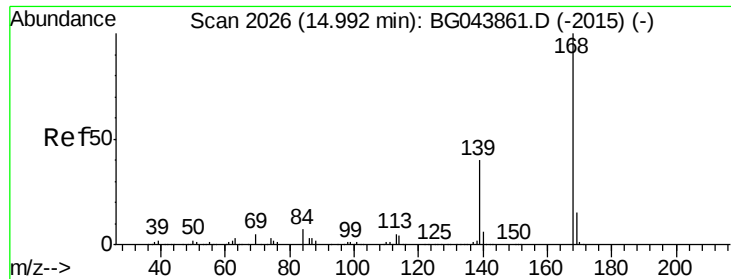
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#54
2,4-Dinitrophenol
Concen: 87.246 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.6	46.6	70.0
154	60.3	50.2	75.4





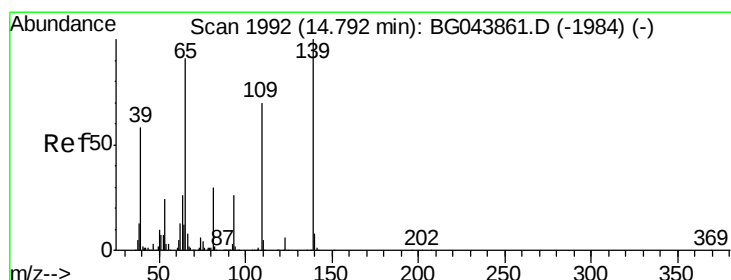
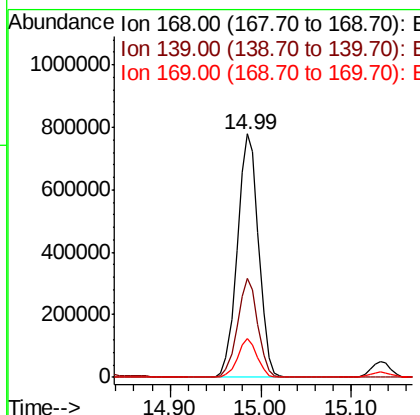
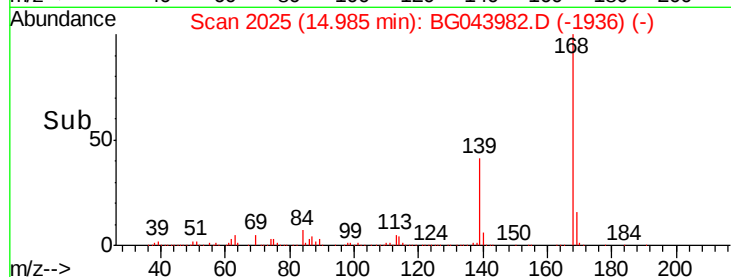
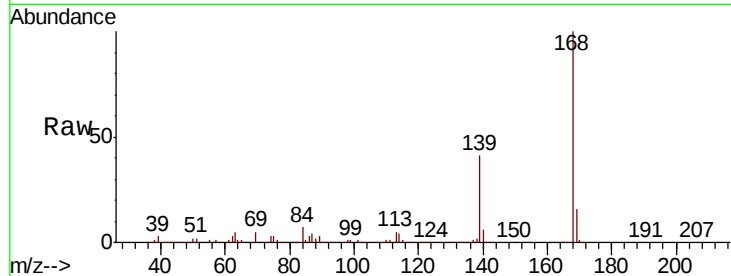
#55
Dibenzofuran
Concen: 50.225 ng
RT: 14.99 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.7	32.2	48.2
169	15.8	12.2	18.2

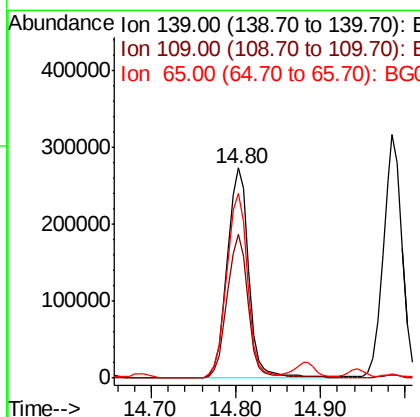
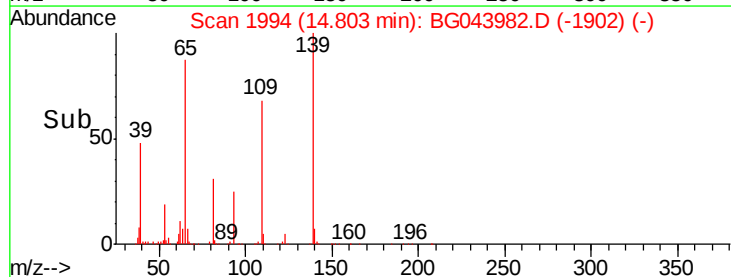
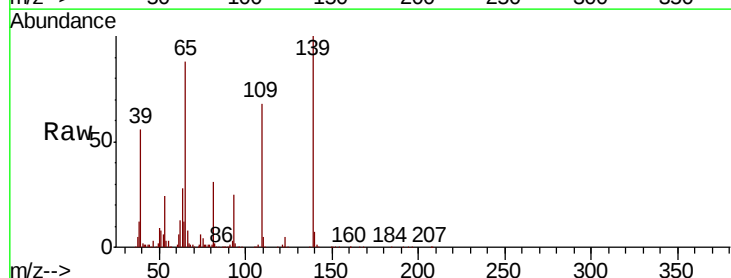
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#56
4-Nitrophenol
Concen: 110.194 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.3	50.4	90.4
65	87.8	71.4	111.4





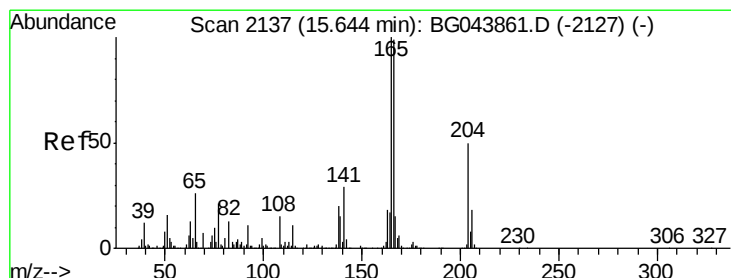
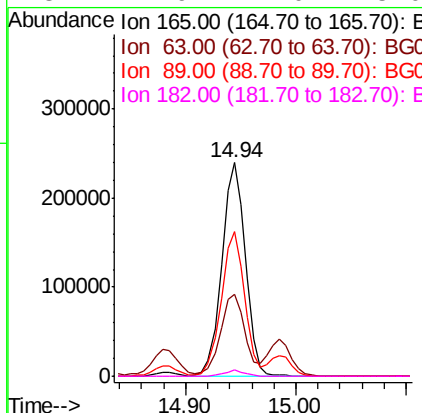
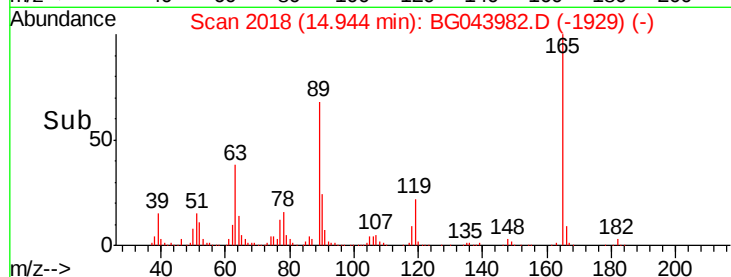
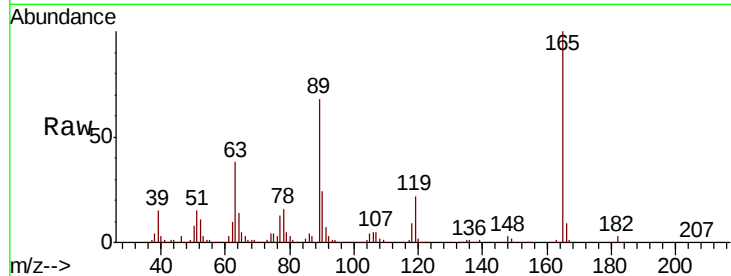
#57
2,4-Dinitrotoluene
Concen: 52.141 ng
RT: 14.94 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.4	31.9	47.9	
89	67.9	53.8	80.6	
182	2.9	2.0	3.0	

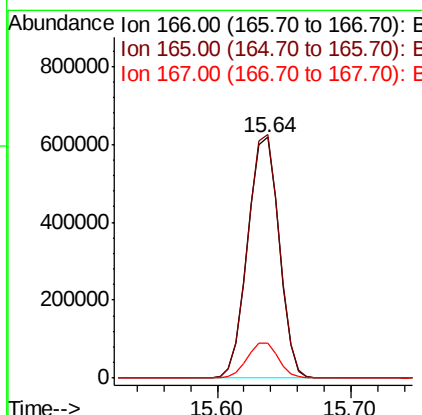
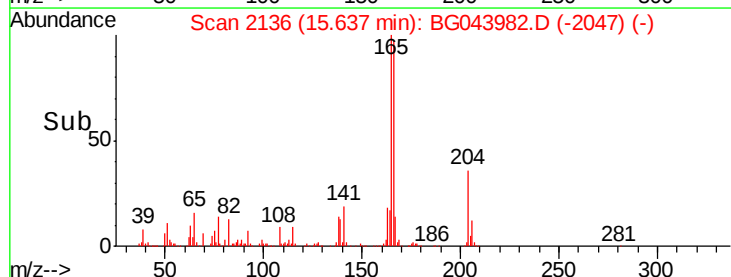
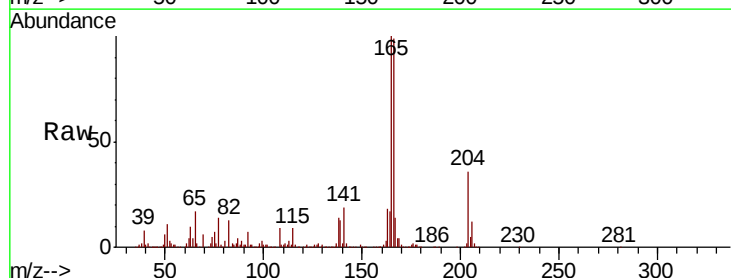
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#58
Fluorene
Concen: 50.152 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.3	80.8	121.2	
167	14.6	12.1	18.1	





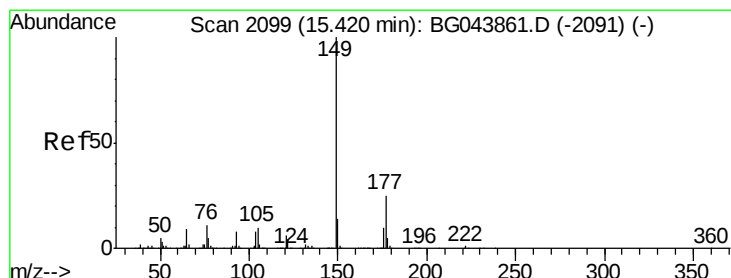
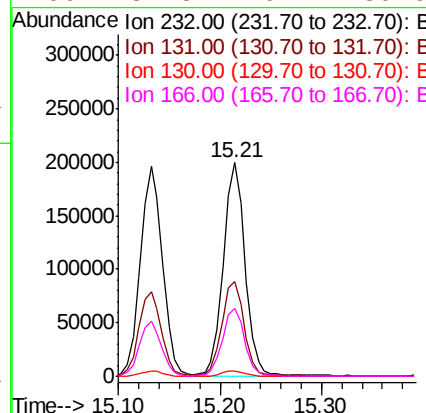
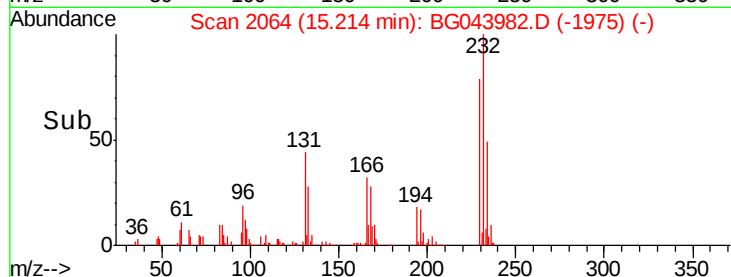
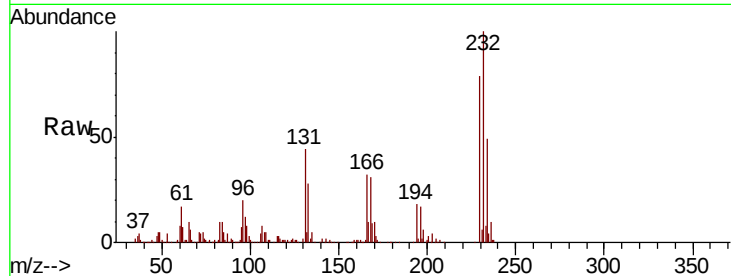
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.041 ng
 RT: 15.21 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG043982.D
 Acq: 9 Jan 2020 1:54

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-010620MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	296803		
131	45.4		38.2	57.2
130	2.6		2.2	3.2
166	32.3		26.4	39.6

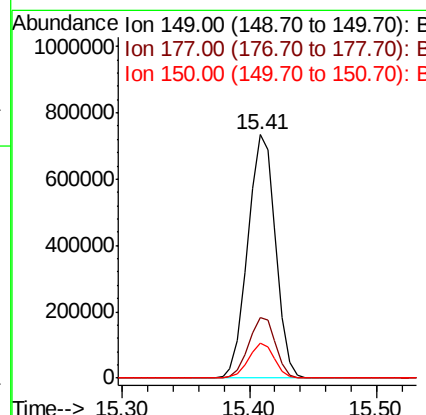
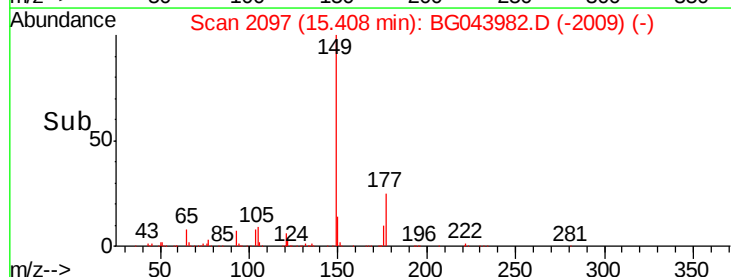
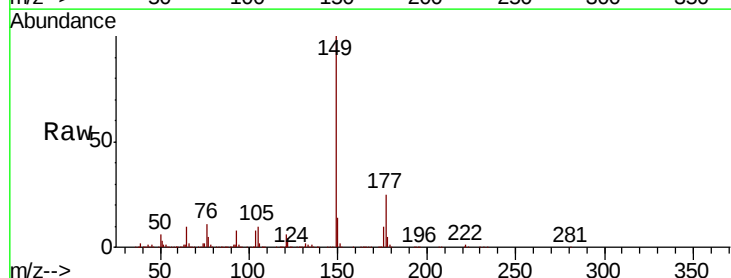
Manual Integrations
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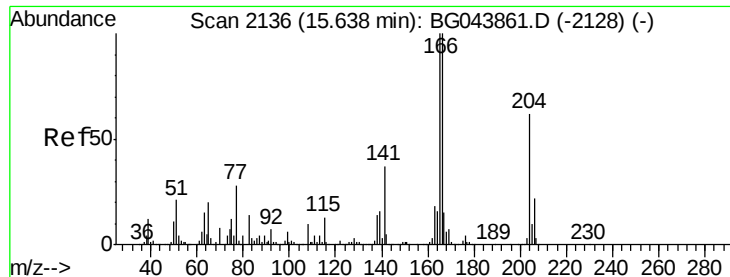
mohammad
 1/9/2020 12:10:13 PM



#60
 Diethylphthalate
 Concen: 50.108 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG043982.D
 Acq: 9 Jan 2020 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1113315		
177	24.9		20.0	30.0
150	14.2		11.1	16.7





#61

4-Chlorophenyl-phenylether

Concen: 48.450 ng

RT: 15.63 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BG043982.D

Acq: 9 Jan 2020 1:54

Instrument :

BNA_G

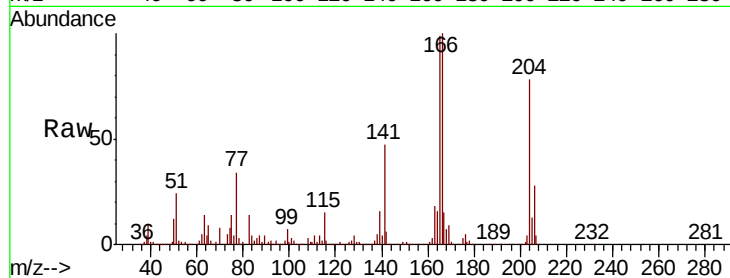
ClientSampleId :

TR-04-010620MSD

Tot Ion:	204	Resp:	524444
Ion Ratio	Lower	Upper	
204	100		
206	35.4	28.2	42.2
141	59.4	48.2	72.2

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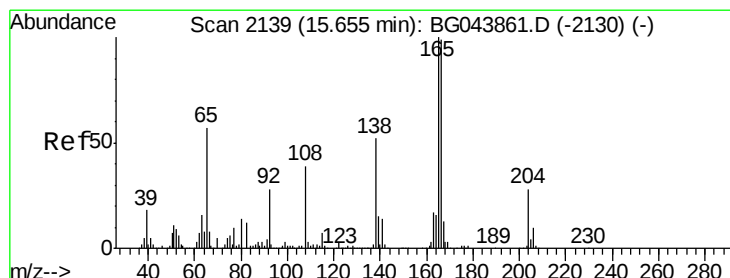
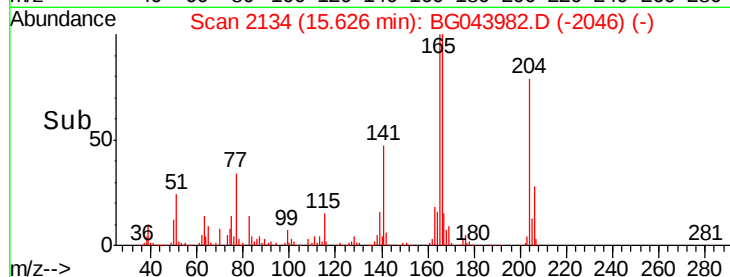
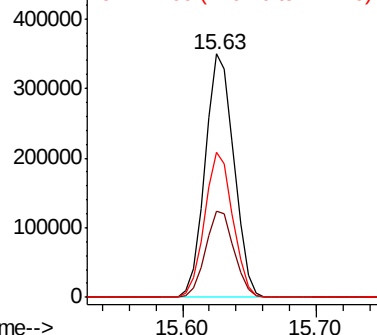


Abundance

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: 43.448 ng

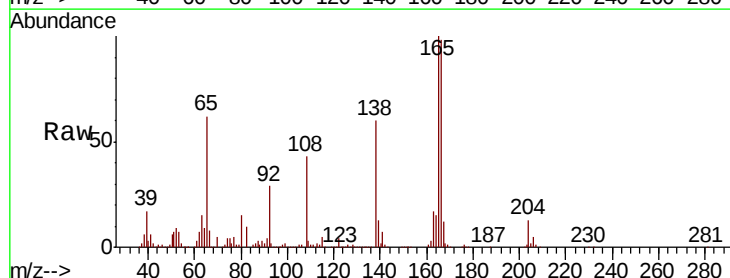
RT: 15.65 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BG043982.D

Acq: 9 Jan 2020 1:54

Tgt Ion:	138	Resp:	244631
Ion Ratio	Lower	Upper	
138	100		
92	48.5	34.3	74.3
108	72.0	55.0	95.0

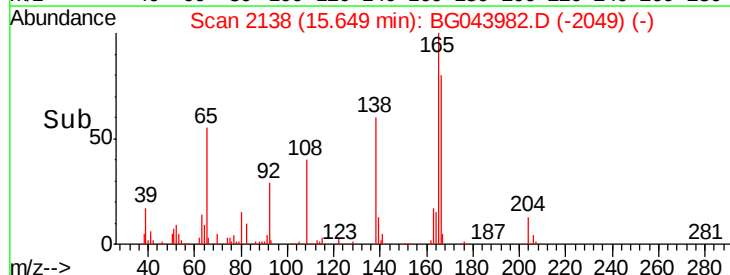
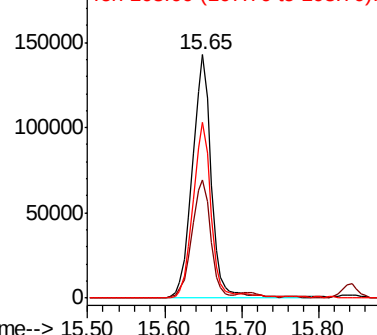


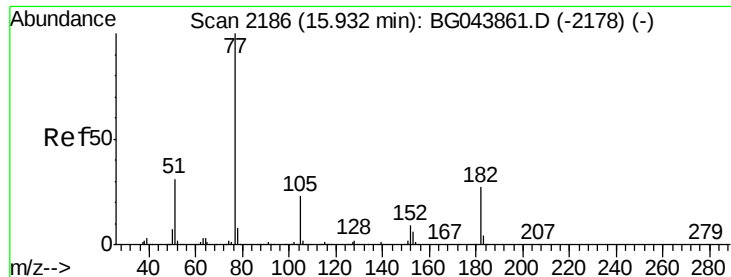
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





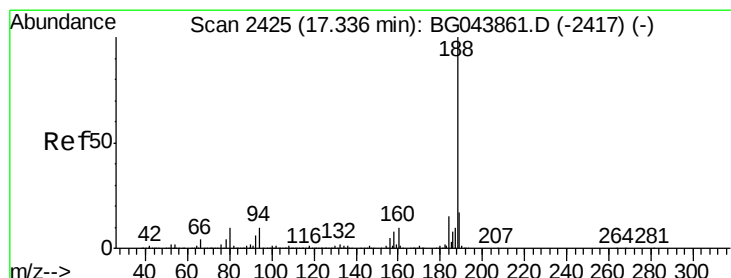
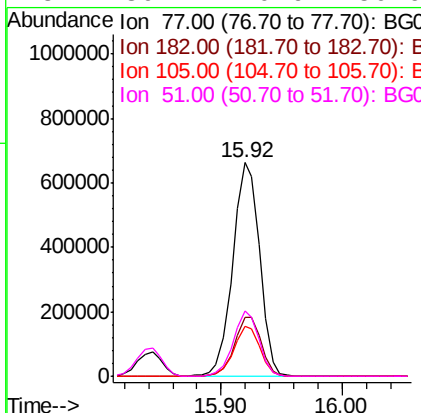
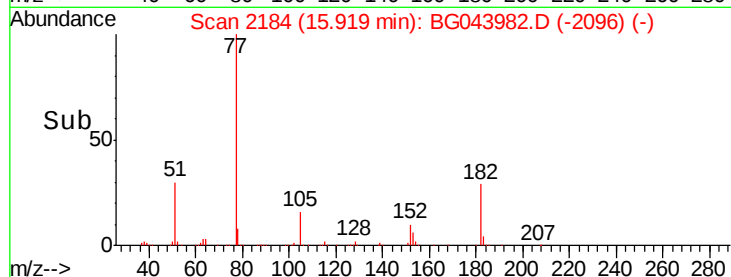
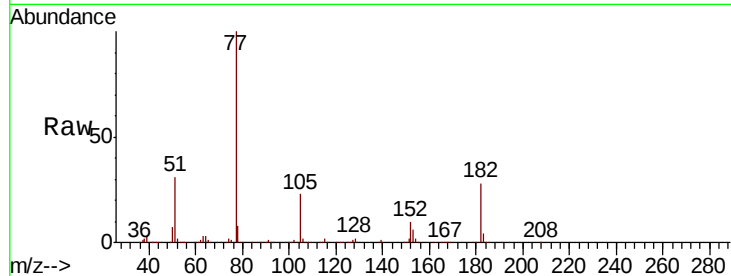
#63
Azobenzene
Concen: 49.686 ng
RT: 15.92 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MSD

Tot Ion	77	Resp	1023772
Ion	Ratio	Lower	Upper
77	100		
182	27.6	7.3	47.3
105	23.4	3.2	43.2
51	30.7	10.6	50.6

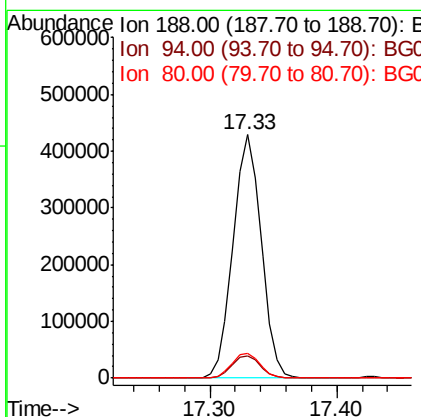
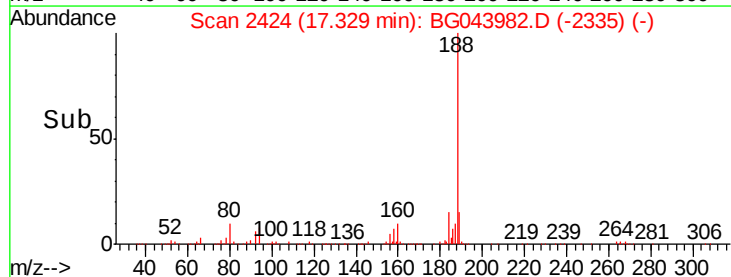
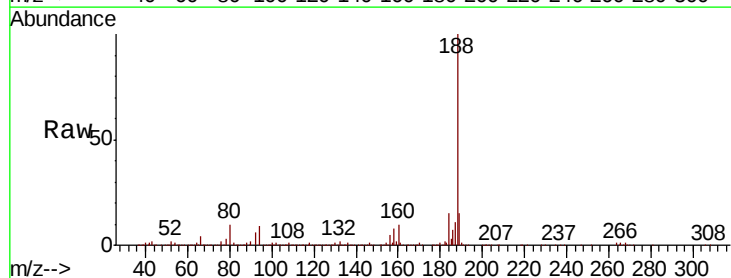
Manual Integrations
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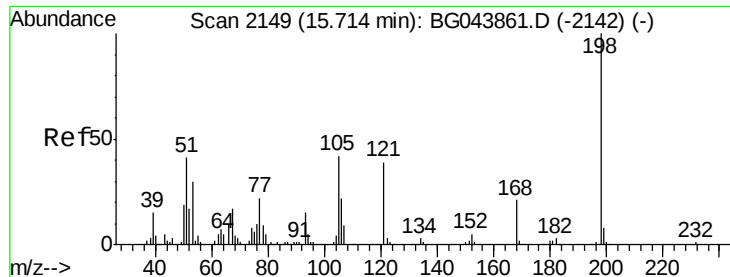
mohammad
1/9/2020 12:10:13 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Tgt Ion	188	Resp	658848
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.9	11.9
80	10.4	8.2	12.4





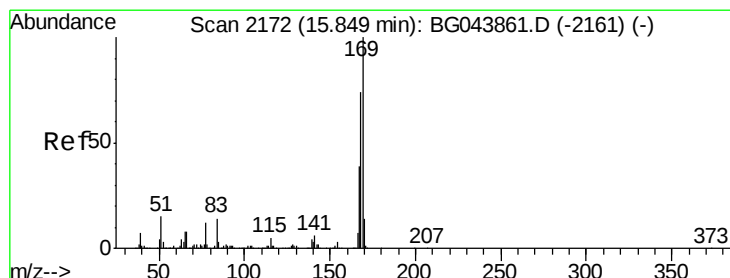
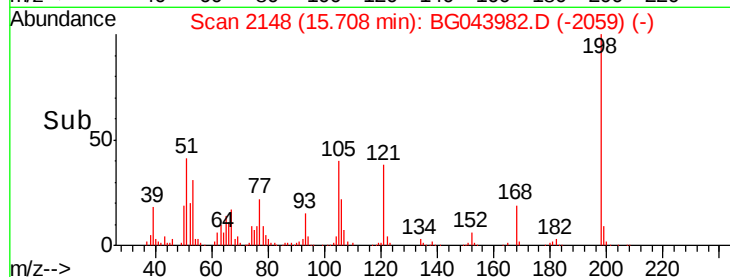
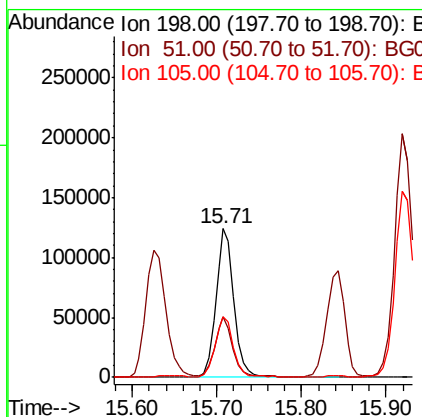
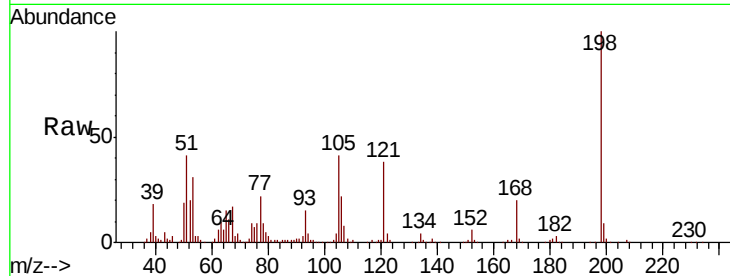
#65
 4,6-Dinitro-2-methylphenol
 Concen: 54.181 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG043982.D
 Acq: 9 Jan 2020 1:54

Instrument :
 BNA_G
 ClientSampleID :
 TR-04-010620MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	40.9	22.5	62.5
105	40.5	22.3	62.3

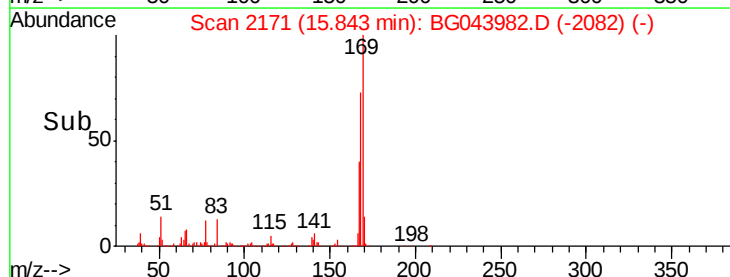
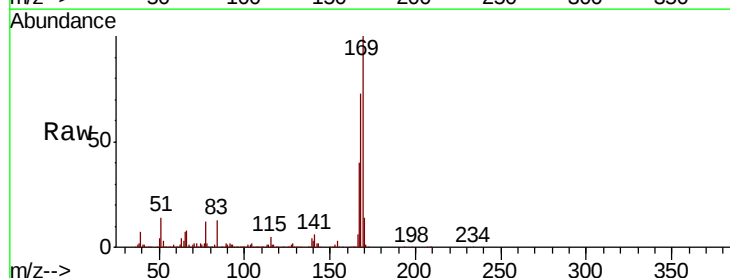
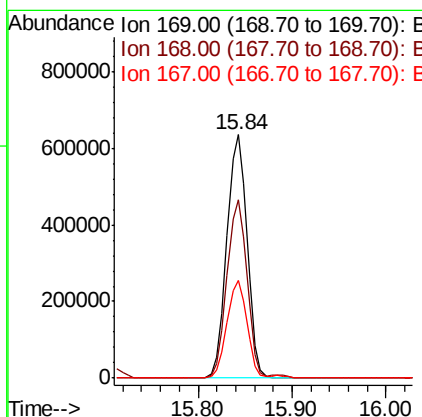
Manual Integrations
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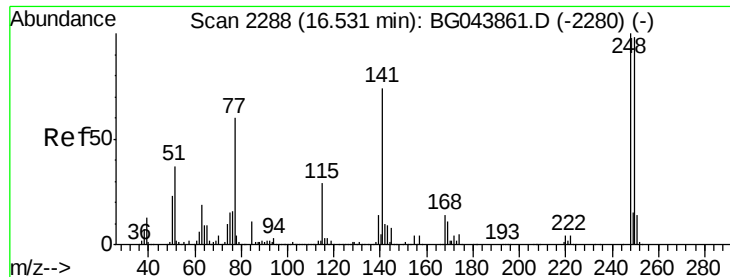
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 49.162 ng
 RT: 15.84 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BG043982.D
 Acq: 9 Jan 2020 1:54

Tgt Ion	Ratio	Lower	Upper
169	100		
168	73.2	59.0	88.6
167	40.4	31.4	47.0





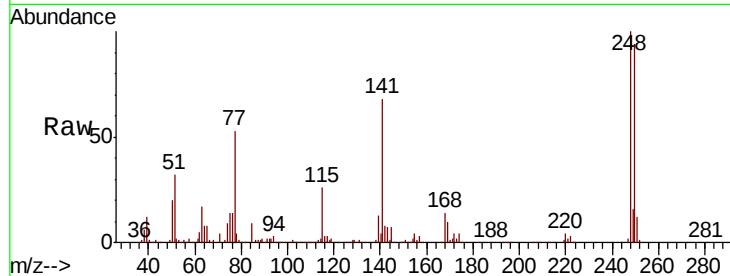
#67
4-Bromophenyl-phenylether
Concen: 46.518 ng
RT: 16.52 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.2	78.2	117.2
141	68.3	59.3	88.9

Manual Integrations
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1/9/2020 12:10:13 PM

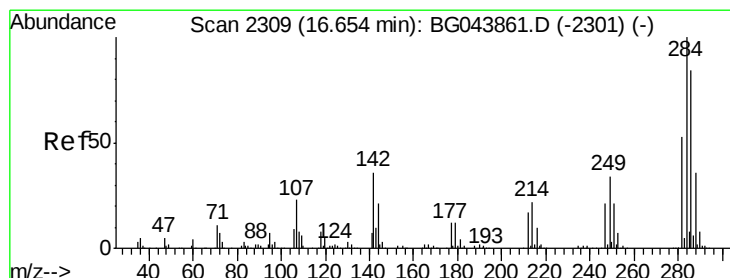
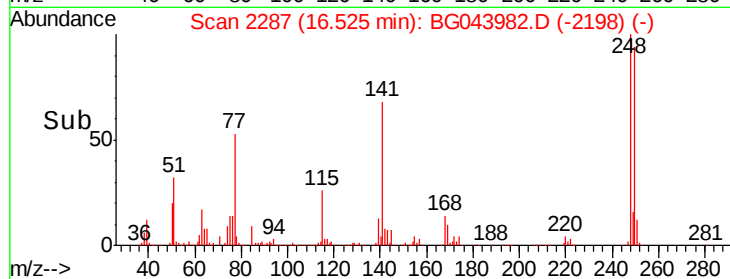
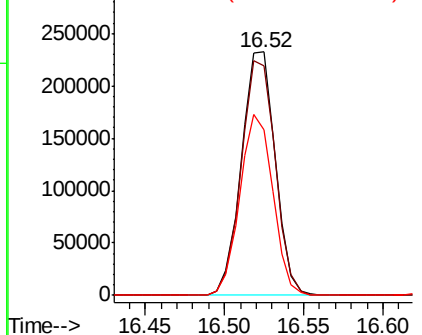


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 46.421 ng
RT: 16.64 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

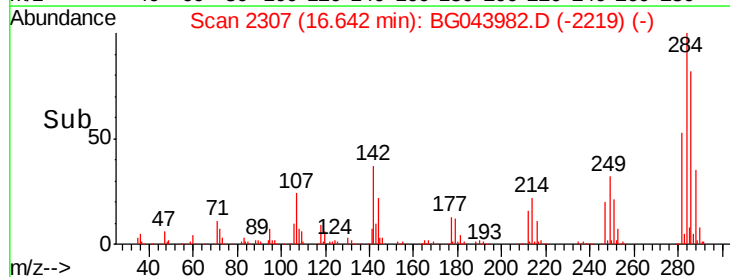
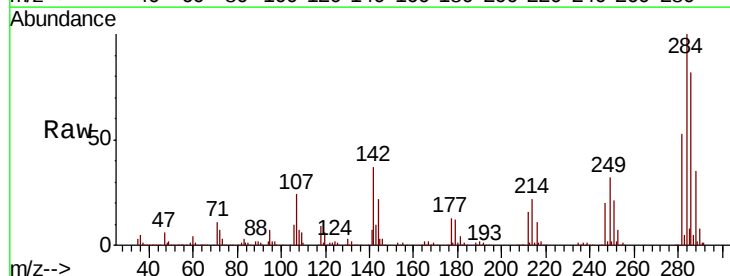
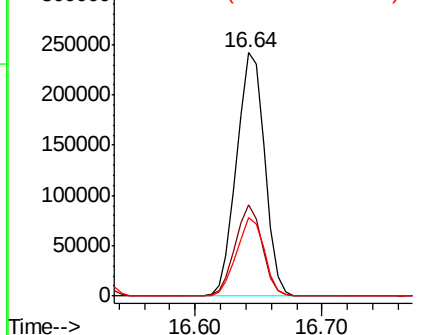
Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.4	28.6	43.0
249	32.2	27.0	40.6

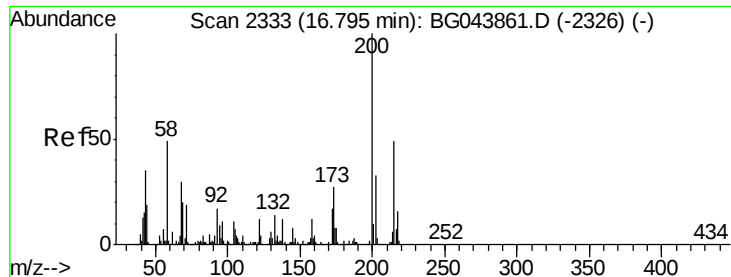
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





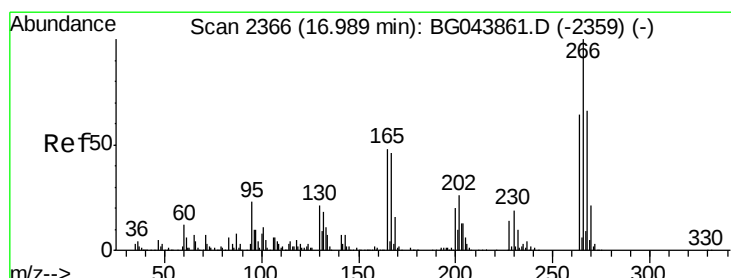
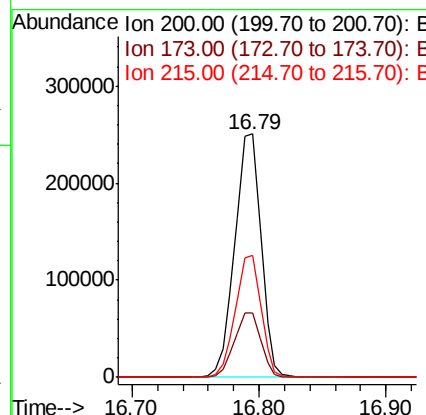
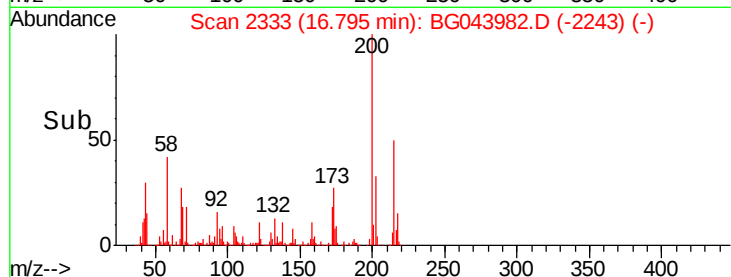
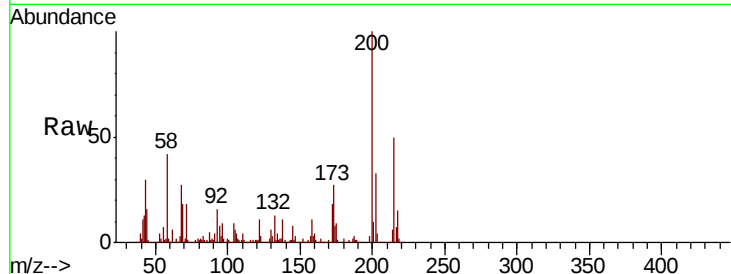
#69
Atrazine
Concen: 56.736 ng
RT: 16.79 min Scan# 2333
Delta R.T. -0.00 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	357821		
173	26.5	6.6	46.6	
215	50.2	28.6	68.6	

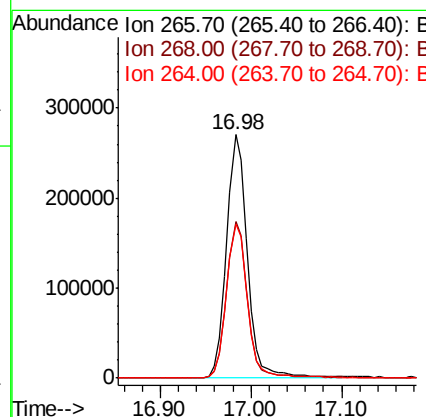
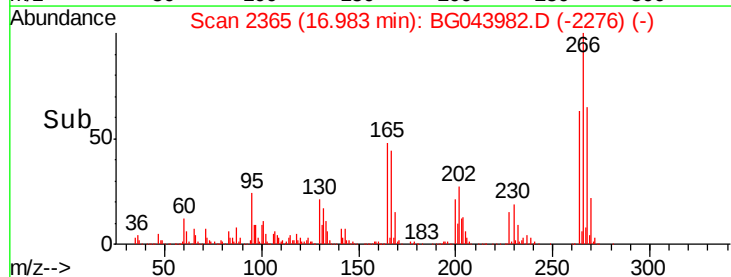
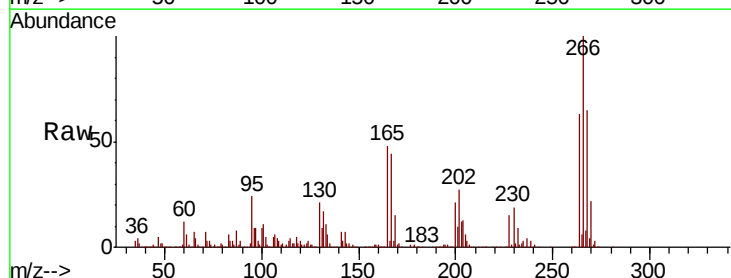
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#70
Pentachlorophenol
Concen: 98.276 ng
RT: 16.98 min Scan# 2365
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	432558		
268	64.6	52.6	79.0	
264	63.1	50.8	76.2	





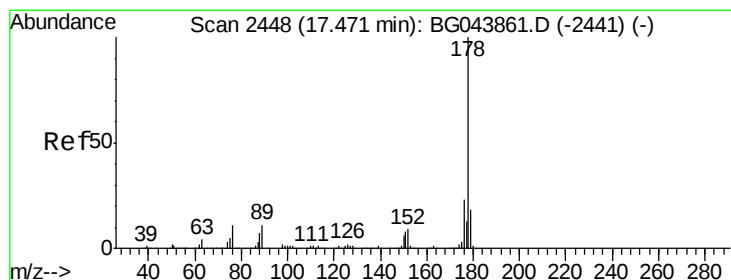
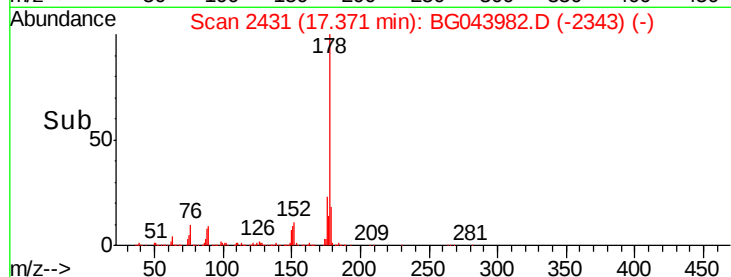
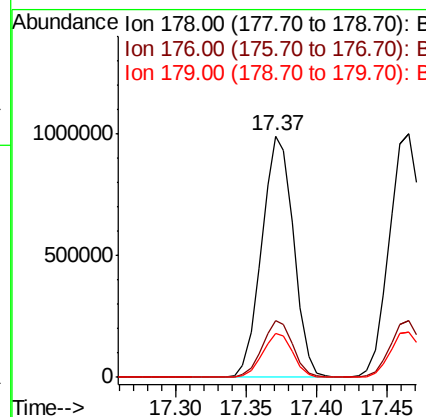
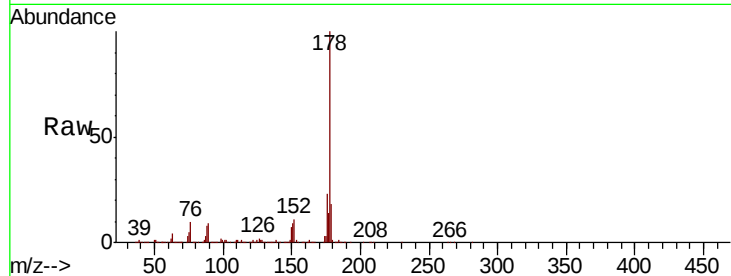
#71
Phenanthrene
Concen: 49.750 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MSD

Tot Ion:178 Resp: 1572186
Ion Ratio Lower Upper
178 100
176 23.5 18.6 28.0
179 18.3 14.4 21.6

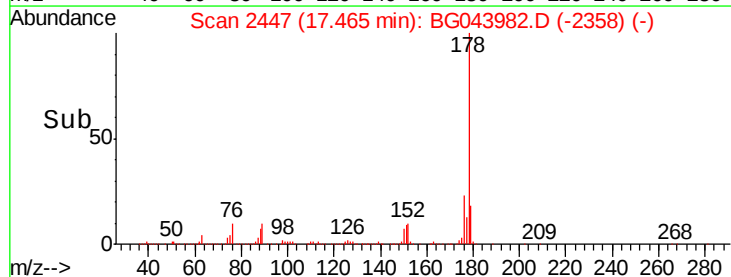
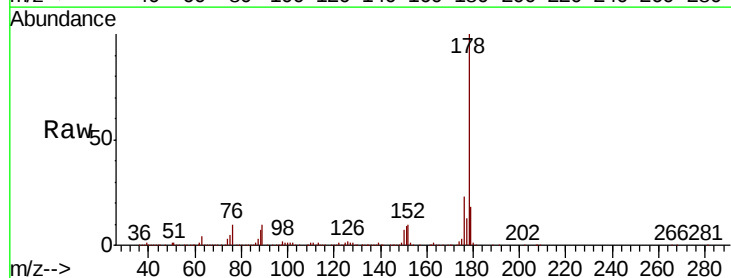
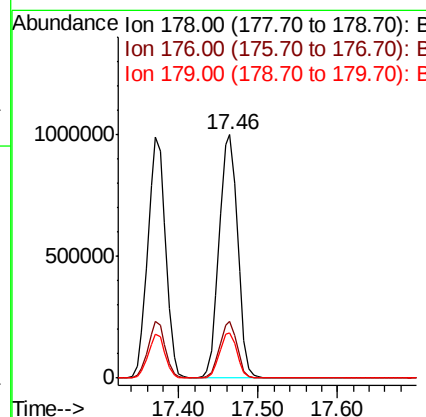
Manual Integrations
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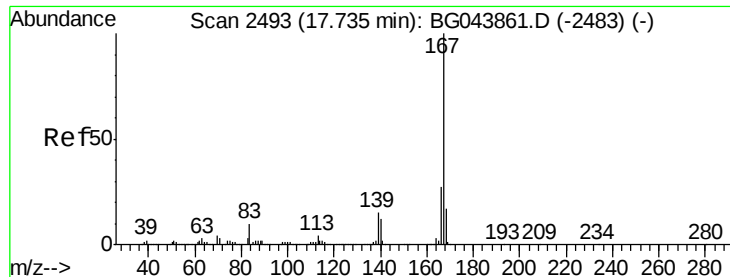
mohammad
1/9/2020 12:10:13 PM



#72
Anthracene
Concen: 51.902 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Tgt Ion:178 Resp: 1620974
Ion Ratio Lower Upper
178 100
176 23.1 18.3 27.5
179 18.3 14.6 22.0





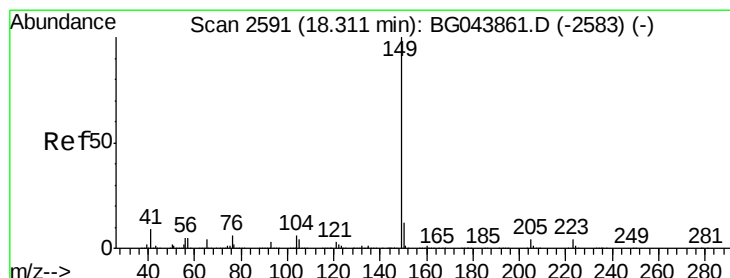
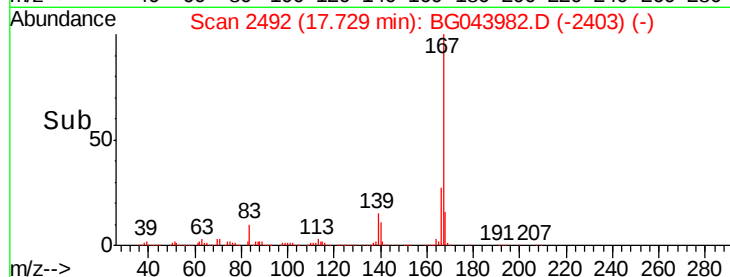
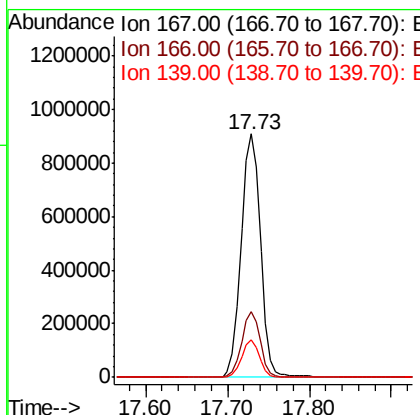
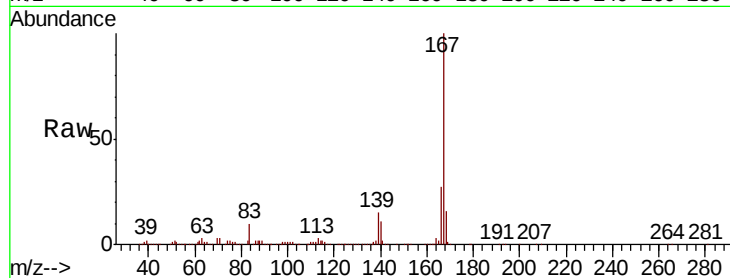
#73
 Carbazole
 Concen: 52.131 ng
 RT: 17.73 min Scan# 2492
 Delta R.T. -0.01 min
 Lab File: BG043982.D
 Acq: 9 Jan 2020 1:54

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-010620MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	27.2	21.6	32.4
139	15.4	12.1	18.1

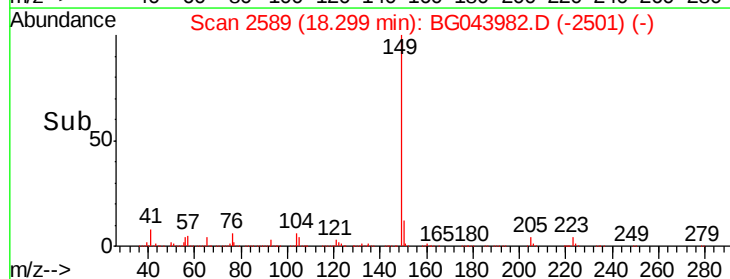
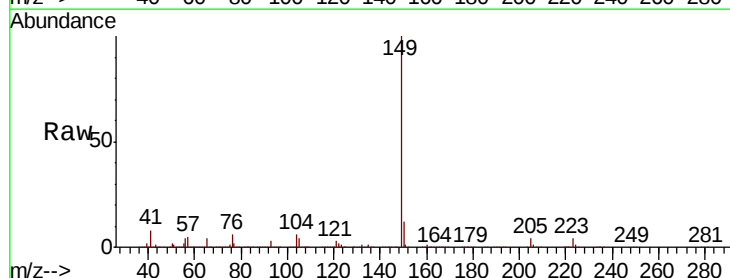
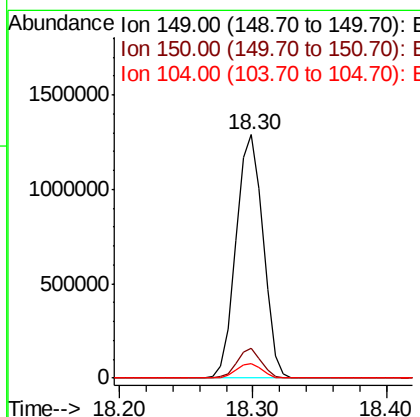
Manual Integrations
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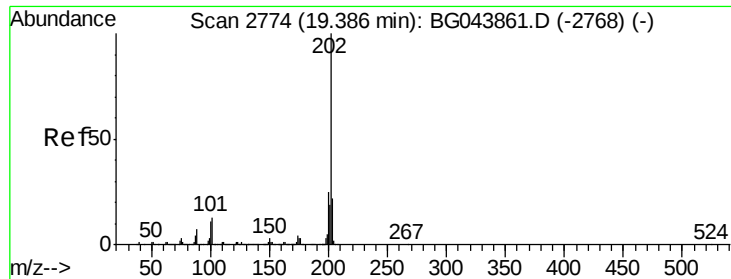
mohammad
 1/9/2020 12:10:13 PM



#74
 Di-n-butylphthalate
 Concen: 49.227 ng
 RT: 18.30 min Scan# 2589
 Delta R.T. -0.01 min
 Lab File: BG043982.D
 Acq: 9 Jan 2020 1:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	12.2	9.7	14.5
104	6.2	5.0	7.4





#75

Fluoranthene

Concen: 49.997 ng

RT: 19.38 min Scan# 2773

Delta R.T. -0.01 min

Lab File: BG043982.D

Acq: 9 Jan 2020 1:54

Instrument :

BNA_G

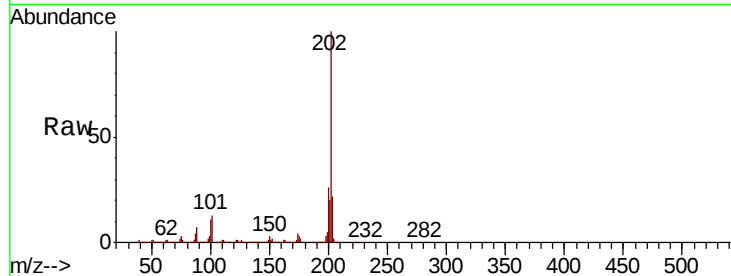
ClientSampleId :

TR-04-010620MSD

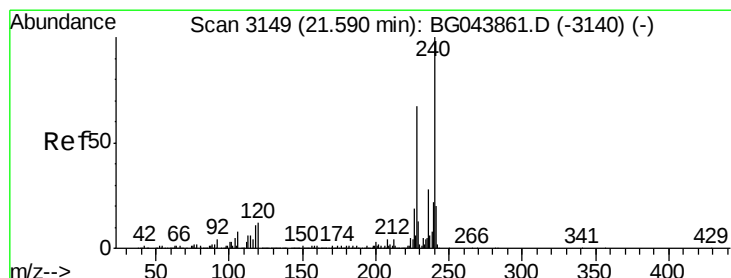
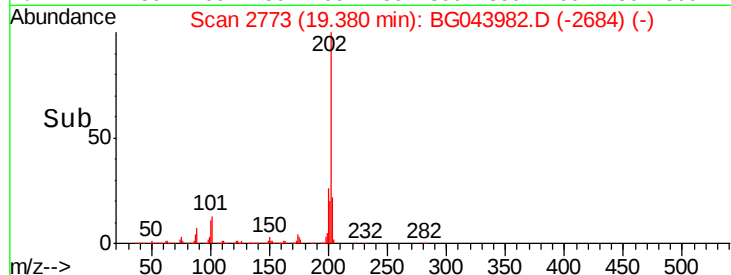
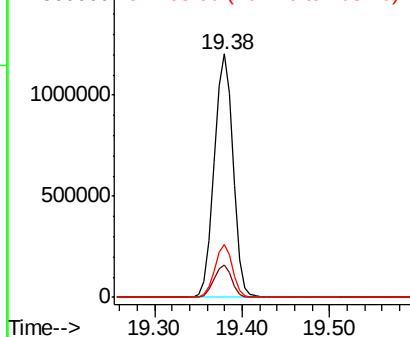
Tot Ion:	202	Resp:	1806932
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	33.3
203	21.6	1.6	41.6

Manual Integrations
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1/9/2020 12:10:13 PM



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

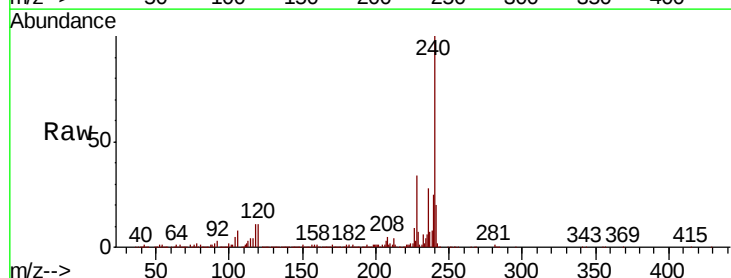
RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

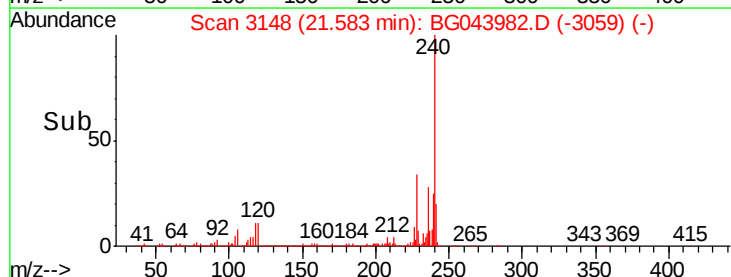
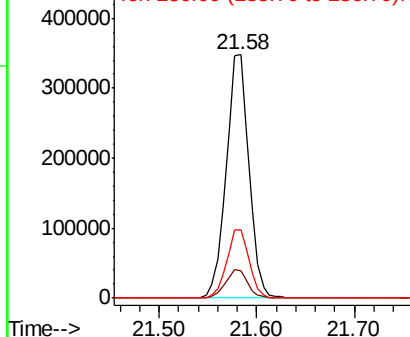
Lab File: BG043982.D

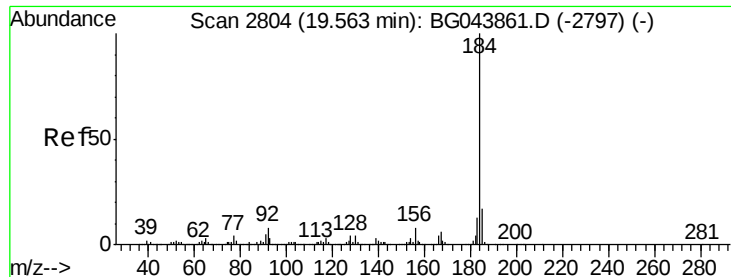
Acq: 9 Jan 2020 1:54

Tgt Ion:	240	Resp:	561390
Ion Ratio	Lower	Upper	
240	100		
120	11.3	9.6	14.4
236	27.9	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: 14.514 ng

RT: 19.57 min Scan# 2805

Delta R.T. 0.01 min

Lab File: BG043982.D

Acq: 9 Jan 2020 1:54

Instrument :

BNA_G

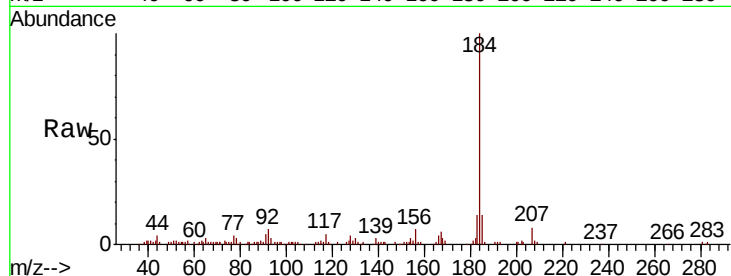
ClientSampleId :

TR-04-010620MSD

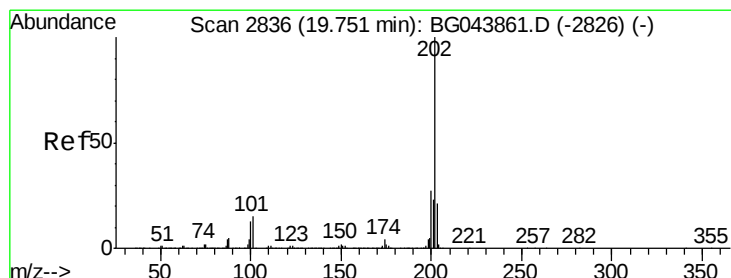
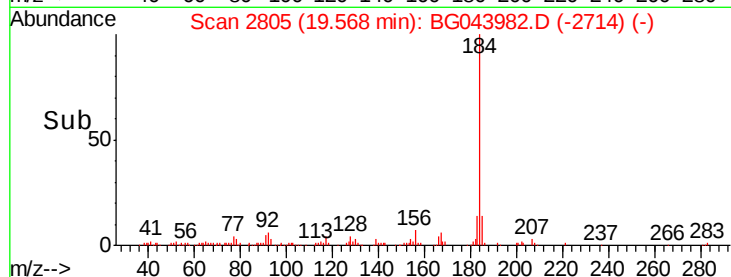
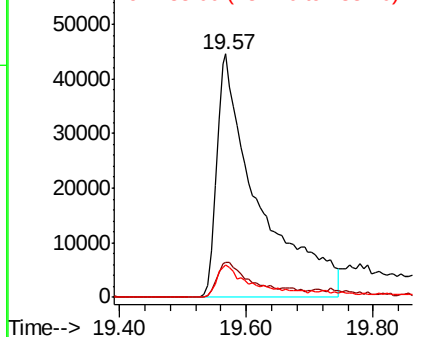
Tot Ion:	184	Resp:	204805
Ion Ratio	Lower	Upper	
184	100		
185	14.2	13.4	20.0
183	13.5	10.6	15.8

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



#78

Pyrene

Concen: 49.910 ng

RT: 19.74 min Scan# 2834

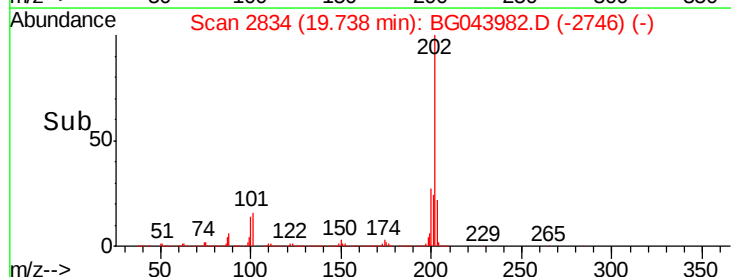
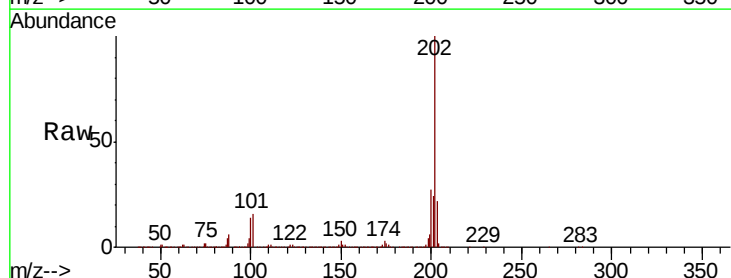
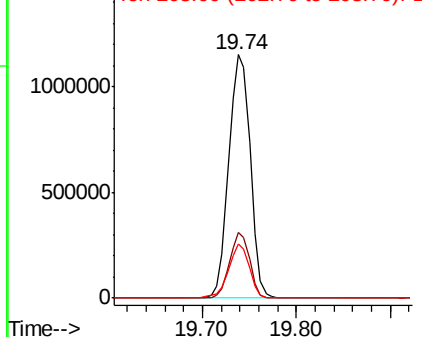
Delta R.T. -0.01 min

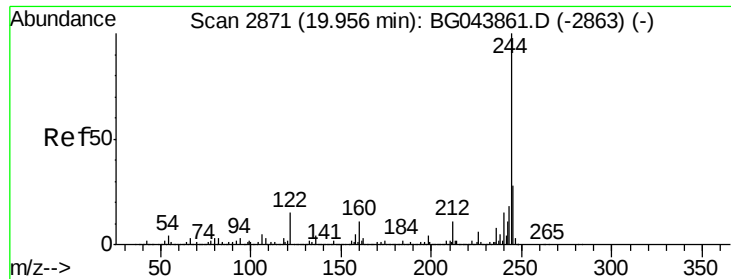
Lab File: BG043982.D

Acq: 9 Jan 2020 1:54

Tgt Ion:	202	Resp:	1828925
Ion Ratio	Lower	Upper	
202	100		
200	27.0	21.7	32.5
203	22.3	17.0	25.6

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





#79

Terphenyl-d14

Concen: 108.149 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG043982.D

Acq: 9 Jan 2020 1:54

Instrument :

BNA_G

ClientSampleId :

TR-04-010620MSD

Tot Ion:244 Resp: 2351319

Ion Ratio Lower Upper

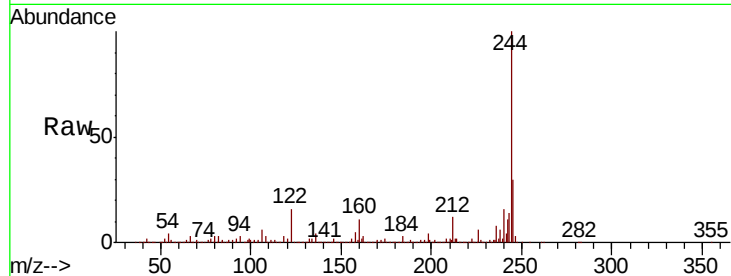
244 100

212 11.5 8.6 13.0

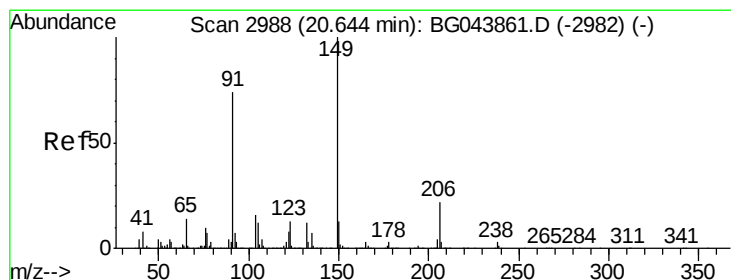
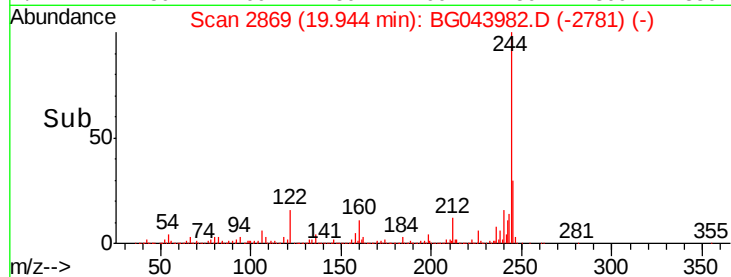
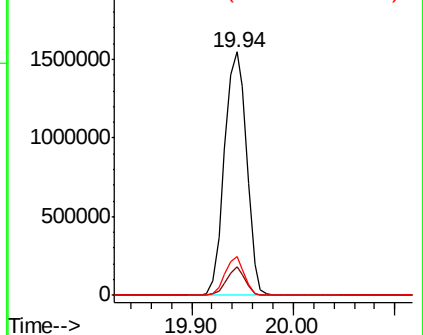
122 16.0 11.9 17.9

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



#80

Butylbenzylphthalate

Concen: 50.058 ng

RT: 20.63 min Scan# 2986

Delta R.T. -0.01 min

Lab File: BG043982.D

Acq: 9 Jan 2020 1:54

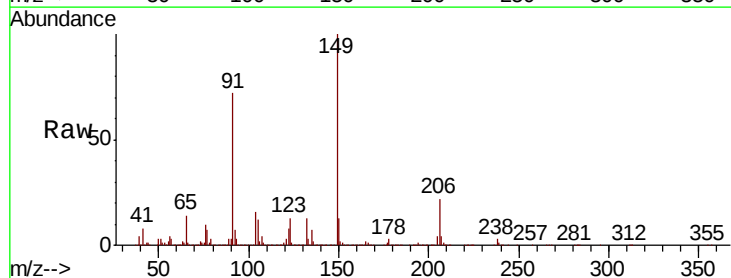
Tgt Ion:149 Resp: 873308

Ion Ratio Lower Upper

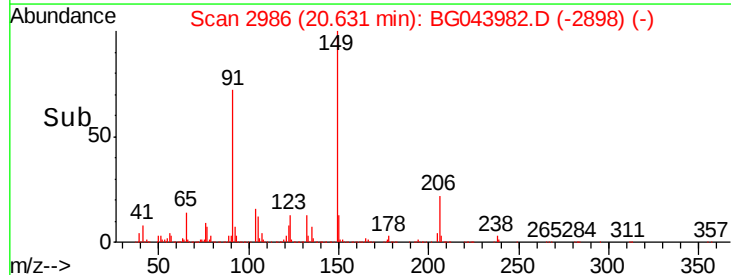
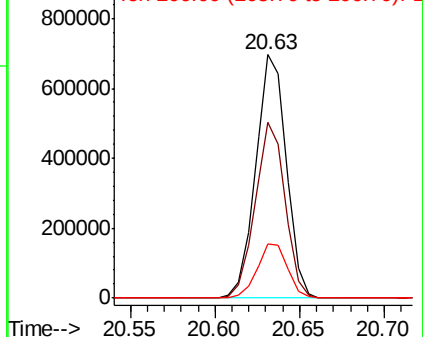
149 100

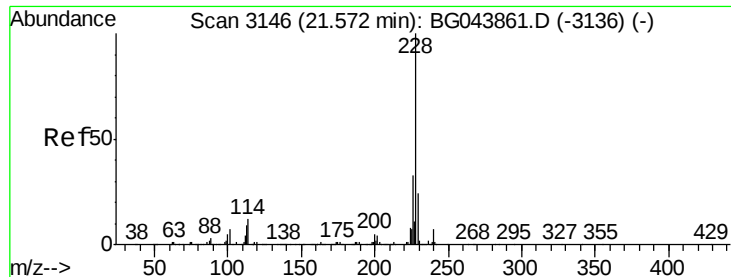
91 72.3 59.5 89.3

206 22.4 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: 50.411 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG043982.D

Acq: 9 Jan 2020 1:54

Instrument :

BNA_G

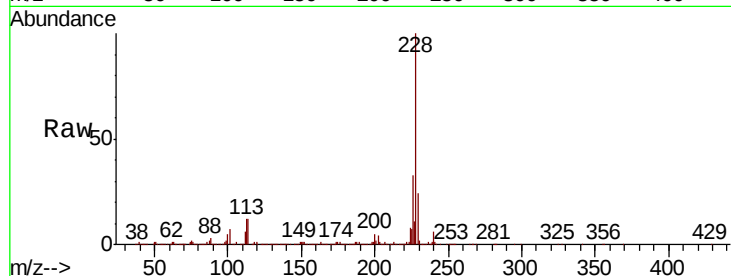
ClientSampleId :

TR-04-010620MSD

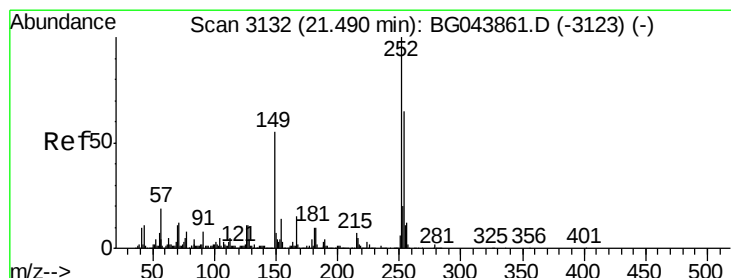
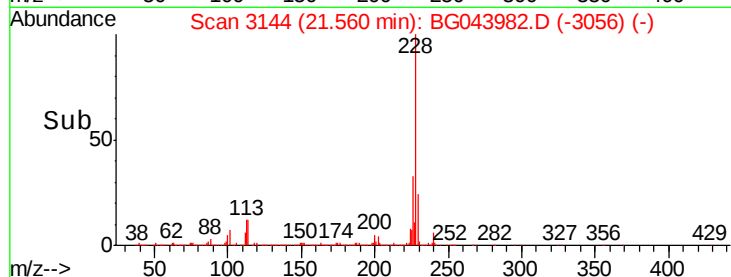
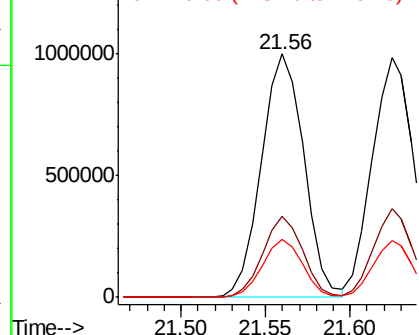
Tot Ion:	228	Resp:	1754821
Ion	Ratio	Lower	Upper
228	100		
226	33.2	26.2	39.4
229	24.0	18.9	28.3

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 20.421 ng

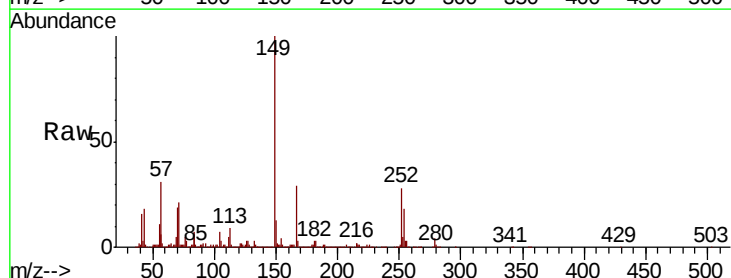
RT: 21.48 min Scan# 3130

Delta R.T. -0.01 min

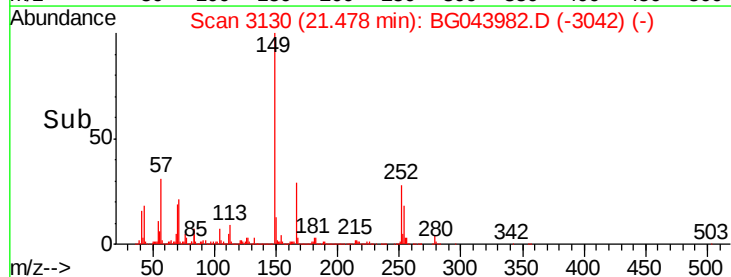
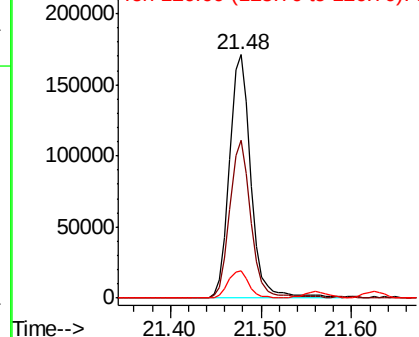
Lab File: BG043982.D

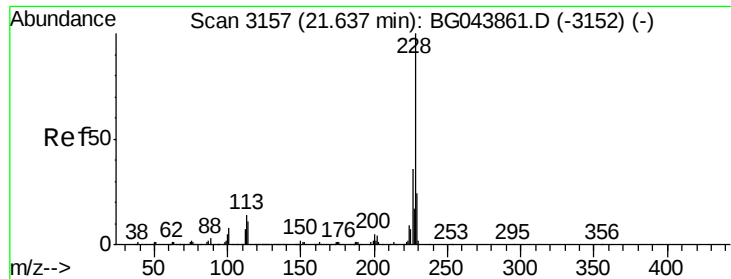
Acq: 9 Jan 2020 1:54

Tgt Ion:	252	Resp:	280839
Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.1	78.1
126	11.1	9.1	13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





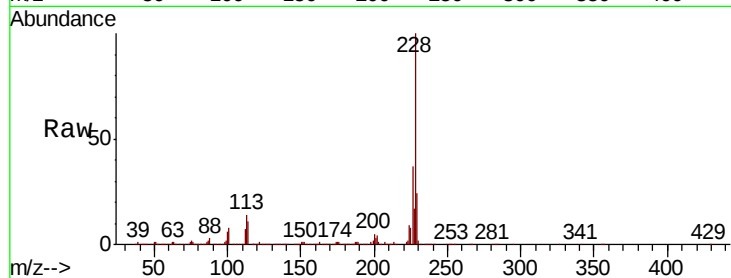
#83
Chrysene
Concen: 50.615 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MSD

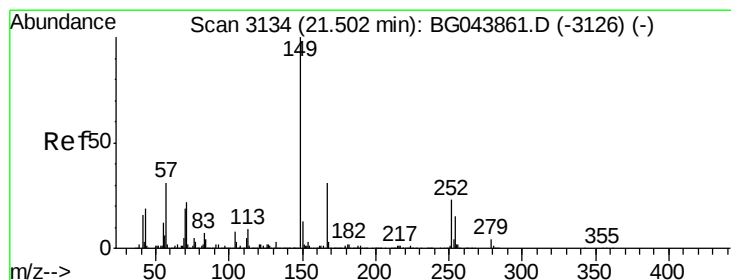
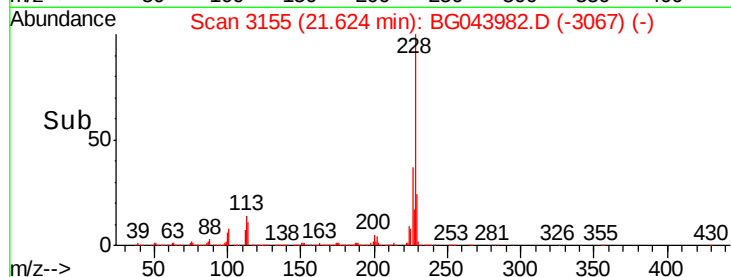
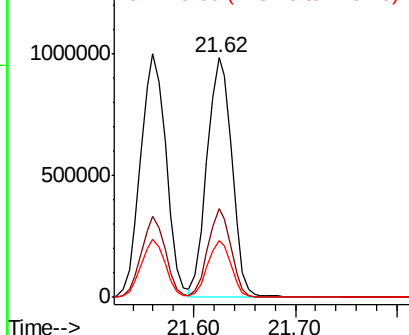
Tot Ion:228 Resp: 1674174
Ion Ratio Lower Upper
228 100
226 36.8 28.8 43.2
229 23.5 19.0 28.6

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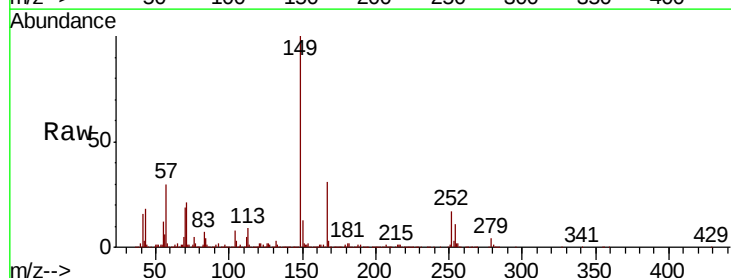


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

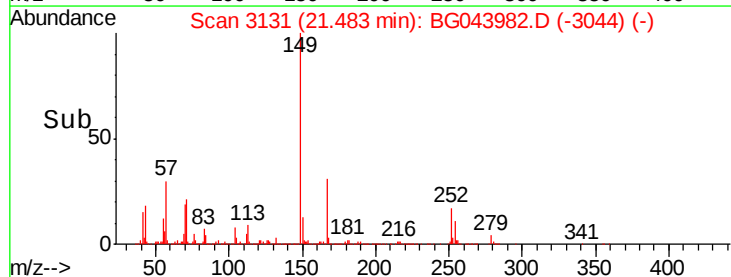
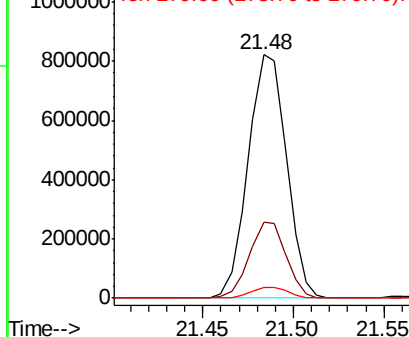


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.203 ng
RT: 21.48 min Scan# 3131
Delta R.T. -0.02 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Tgt Ion:149 Resp: 1208493
Ion Ratio Lower Upper
149 100
167 31.2 24.7 37.1
279 4.4 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 51.585 ng

RT: 22.66 min Scan# 3332

Delta R.T. -0.02 min

Lab File: BG043982.D

Acq: 9 Jan 2020 1:54

Instrument :

BNA_G

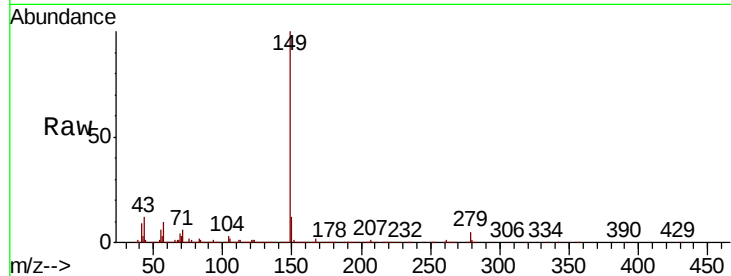
ClientSampleId :

TR-04-010620MSD

Tot Ion:	149	Resp:	2087605
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	10.4	8.8	13.2

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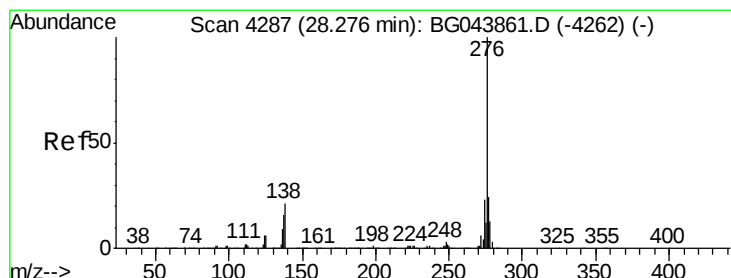
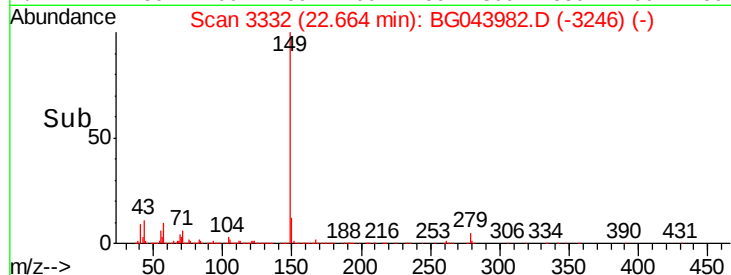
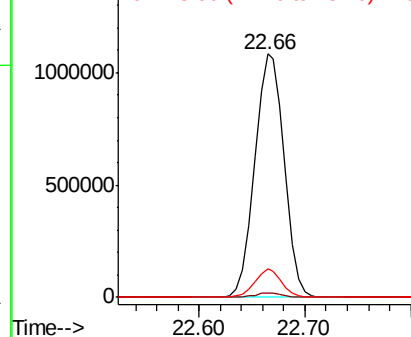


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.791 ng

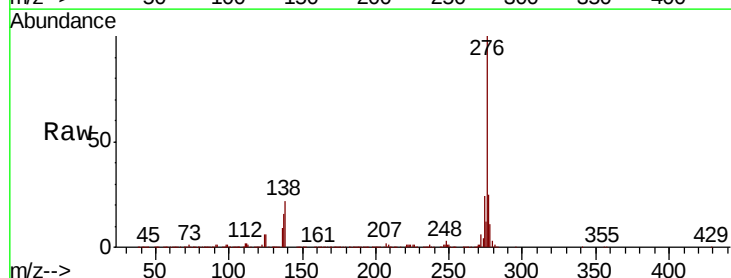
RT: 28.24 min Scan# 4281

Delta R.T. -0.04 min

Lab File: BG043982.D

Acq: 9 Jan 2020 1:54

Tgt Ion:	276	Resp:	2193201
Ion	Ratio	Lower	Upper
276	100		
138	26.7	21.0	31.4
277	26.6	21.1	31.7

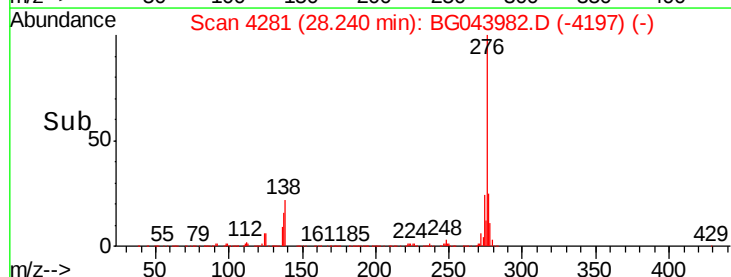
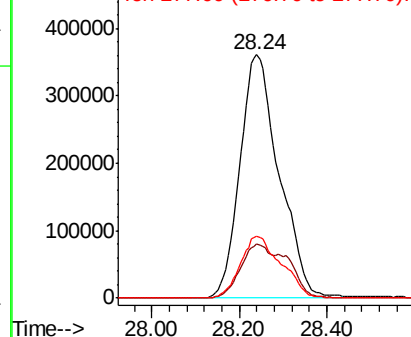


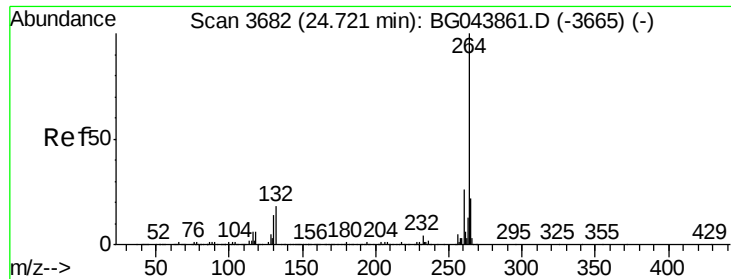
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





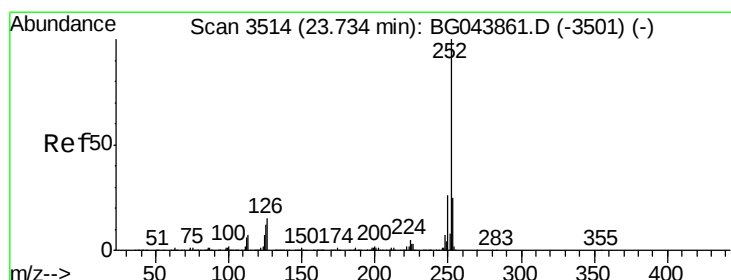
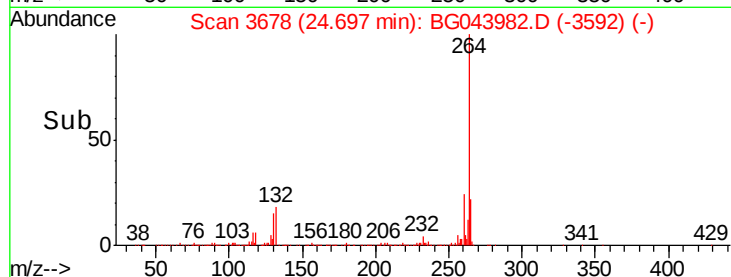
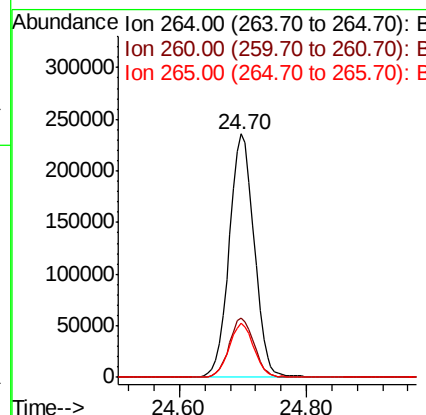
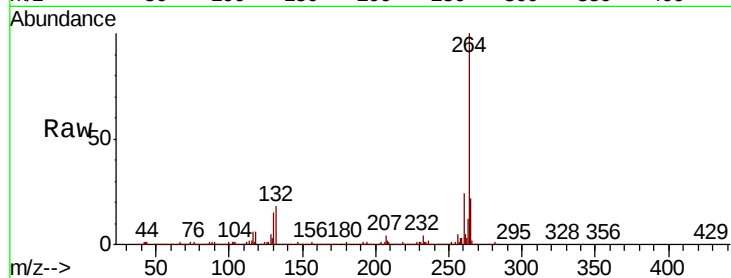
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.02 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.4	30.6
265	22.5	17.4	26.2

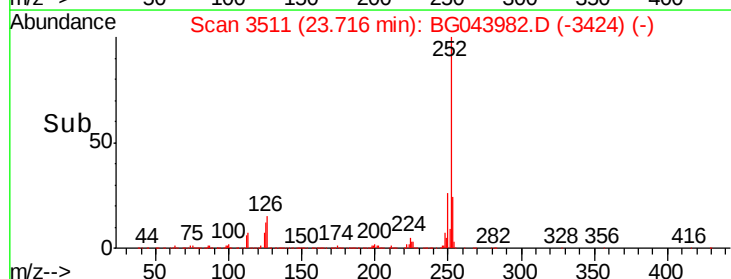
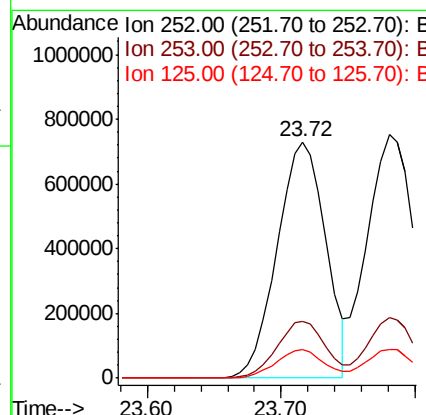
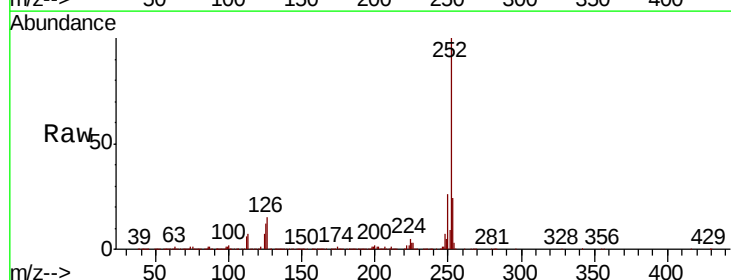
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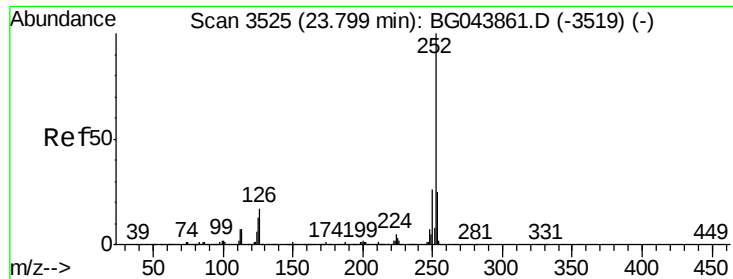
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#88
Benzo(b)fluoranthene
Concen: 48.360 ng
RT: 23.72 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.7	29.5
125	11.9	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 50.824 ng

RT: 23.78 min Scan# 3522

Delta R.T. -0.02 min

Lab File: BG043982.D

Acq: 9 Jan 2020 1:54

Instrument :

BNA_G

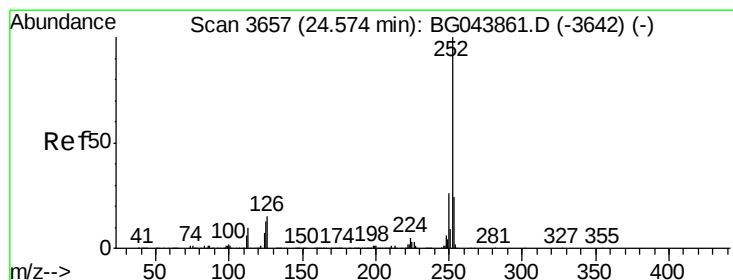
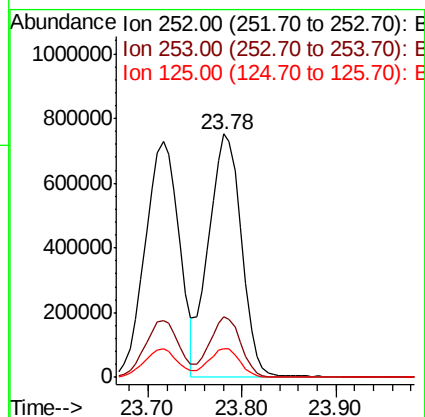
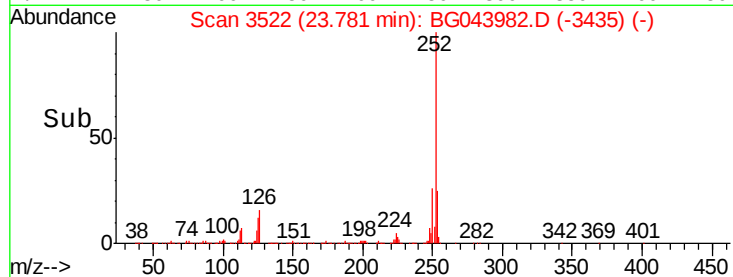
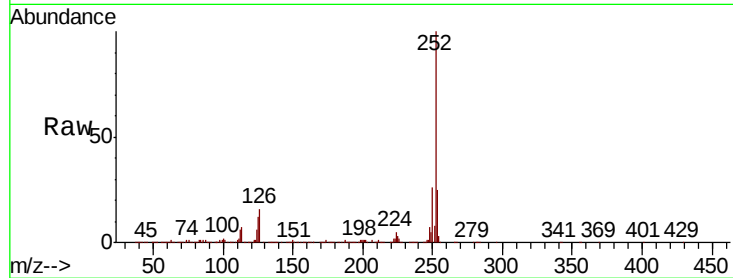
ClientSampleId :

TR-04-010620MSD

Tot Ion:	252	Resp:	1835146
Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.4	29.2
125	11.9	9.9	14.9

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#90

Benzo(a)pyrene

Concen: 48.015 ng

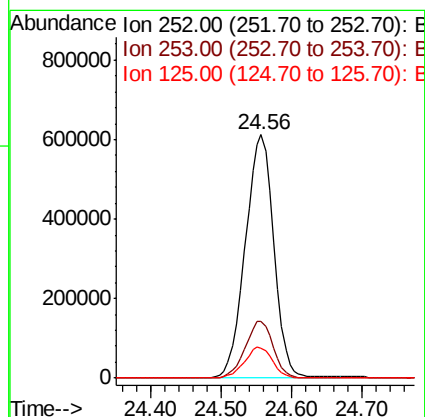
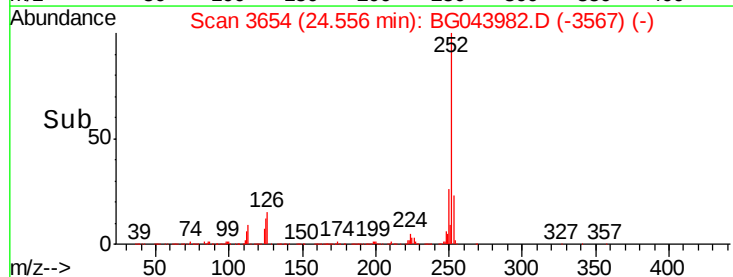
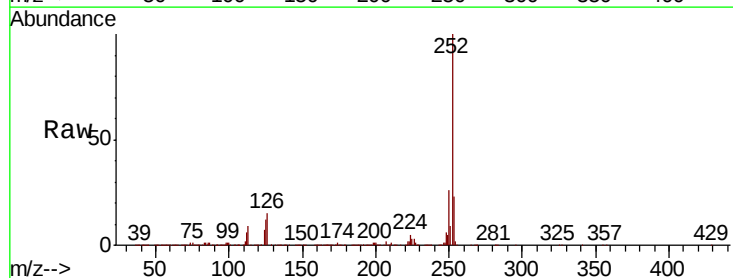
RT: 24.56 min Scan# 3654

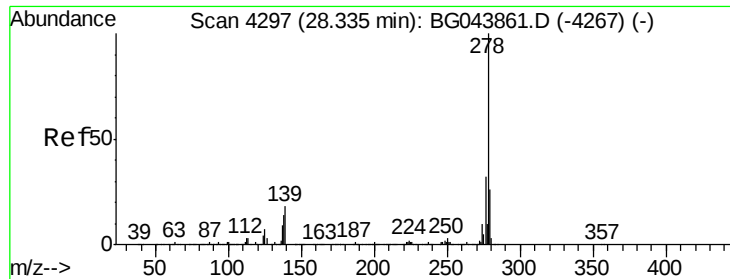
Delta R.T. -0.02 min

Lab File: BG043982.D

Acq: 9 Jan 2020 1:54

Tgt Ion:	252	Resp:	1720763
Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.3	28.9
125	12.3	10.4	15.6





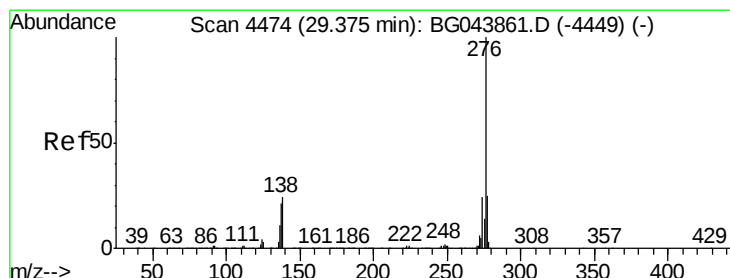
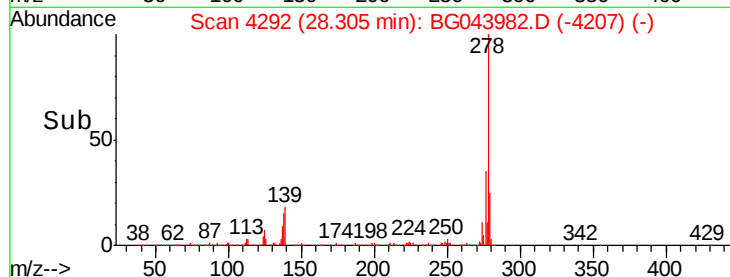
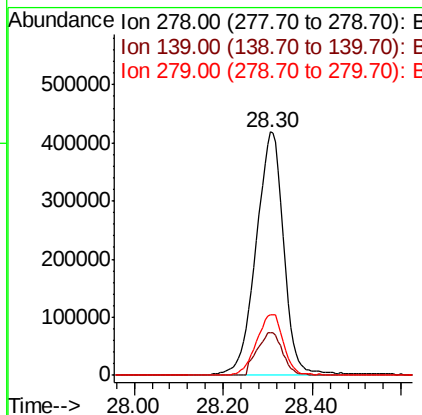
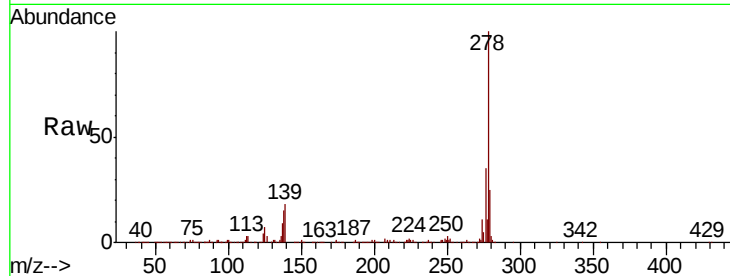
#91
Dibenzo(a,h)anthracene
Concen: 49.773 ng
RT: 28.30 min Scan# 4292
Delta R.T. -0.03 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Instrument :
BNA_G
ClientSampleId :
TR-04-010620MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.2	21.4
279	24.8	20.6	30.8

Manual Integrations
APPROVED

mohammad
1/9/2020 12:10:13 PM



#92
Benzo(g,h,i)perylene
Concen: 50.967 ng
RT: 29.35 min Scan# 4470
Delta R.T. -0.02 min
Lab File: BG043982.D
Acq: 9 Jan 2020 1:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	20.2	30.4
138	23.1	19.0	28.6

