

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043903.D
 Acq On : 4 Jan 2020 1:09
 Operator : JU
 Sample : K6449-06MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OW-5MS

Manual Integrations
 APPROVED

mohammad
 1/6/2020 11:41:54 AM

Quant Time: Jan 04 05:57:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	137936	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	610844	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	413875	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	854254	20.00	ng	0.00
76) Chrysene-d12	21.60	240	689866	20.00	ng	0.00
87) Perylene-d12	24.72	264	804164	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	795695	105.92	ng	0.00
7) Phenol-d6	7.13	99	782467	74.51	ng	0.00
23) Nitrobenzene-d5	9.12	82	1024874	89.76	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	657287	151.76	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	2121871	92.89	ng	0.00
79) Terphenyl-d14	19.96	244	2733962	99.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	92331	28.188	ng	98
3) Pyridine	3.83	79	246619	25.486	ng	97
4) n-Nitrosodimethylamine	3.75	42	128180	29.753	ng	100
6) Aniline	7.29	93	352741	25.575	ng	99
8) 2-Chlorophenol	7.53	128	449405	50.957	ng	99
9) Benzaldehyde	7.09	77	298290	44.383	ng	98
10) Phenol	7.16	94	307000	28.375	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	451046	48.296	ng	100
12) 1,3-Dichlorobenzene	7.85	146	414338	40.147	ng	98
13) 1,4-Dichlorobenzene	8.00	146	414498	40.705	ng	98
14) 1,2-Dichlorobenzene	8.32	146	402653	41.196	ng	100
15) Benzyl Alcohol	8.20	79	381026	45.976	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	662907	45.880	ng	100
17) 2-Methylphenol	8.41	107	371148	47.404	ng	99
18) Hexachloroethane	9.05	117	152745	38.549	ng	96
19) n-Nitroso-di-n-propylamine	8.77	70	388189	49.639	ng	98
20) 3+4-Methylphenols	8.74	107	484487	44.358	ng	99
22) Acetophenone	8.78	105	685028	45.109	ng	98
24) Nitrobenzene	9.16	77	532355	47.073	ng	98
25) Isophorone	9.69	82	1054959	49.246	ng	99
26) 2-Nitrophenol	9.87	139	281811	52.670	ng	99
27) 2,4-Dimethylphenol	9.94	122	467546	58.050	ng	99
28) bis(2-Chloroethoxy)methane	10.17	93	667274	46.722	ng	100
29) 2,4-Dichlorophenol	10.41	162	502959	52.352	ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	435778	40.454	ng	98
31) Naphthalene	10.81	128	1338515	45.282	ng	99
32) Benzoic acid	10.05	122	170651	28.886	ng	90
33) 4-Chloroaniline	10.92	127	171345	12.153	ng	97
34) Hexachlorobutadiene	11.11	225	235201	35.761	ng	95
35) Caprolactam	11.70	113	58327m	16.309	ng	
36) 4-Chloro-3-methylphenol	12.05	107	548697	53.649	ng	99
37) 2-Methylnaphthalene	12.42	142	1038297	46.656	ng	98
38) 1-Methylnaphthalene	12.64	142	1006849	47.736	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	494500	40.764	ng	99

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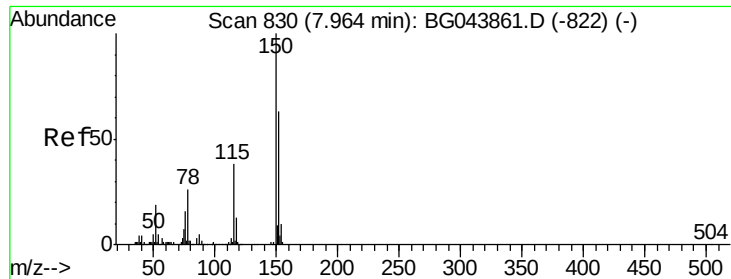
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	514370	81.789	nq	97
43) 2,4,6-Trichlorophenol	13.03	196	417836	50.059	nq	99
44) 2,4,5-Trichlorophenol	13.10	196	447249	51.952	nq	98
46) 1,1'-Biphenyl	13.43	154	1352701	45.585	nq	97
47) 2-Chloronaphthalene	13.47	162	1059613	44.190	nq	99
48) 2-Nitroaniline	13.67	65	355686	46.114	nq	97
49) Acenaphthylene	14.32	152	1648871	47.843	nq	98
50) Dimethylphthalate	14.06	163	1540938	52.436	nq	99
51) 2,6-Dinitrotoluene	14.16	165	336118	50.604	nq	98
52) Acenaphthene	14.66	154	1095707	45.334	nq	98
53) 3-Nitroaniline	14.49	138	119784	15.881	nq	93
54) 2,4-Dinitrophenol	14.70	184	380067	110.104	nq	97
55) Dibenzofuran	15.00	168	1606124	48.272	nq	97
56) 4-Nitrophenol	14.81	139	343212	59.379	nq	97
57) 2,4-Dinitrotoluene	14.95	165	456015	50.456	nq	97
58) Fluorene	15.64	166	1278411	48.477	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	386260	52.179	nq	100
60) Diethylphthalate	15.42	149	1448264	49.273	nq	98
61) 4-Chlorophenyl-phenylether	15.64	204	676998	47.277	nq	99
62) 4-Nitroaniline	15.66	138	318991	42.826	nq	98
63) Azobenzene	15.93	77	1364717	50.066	nq	98
65) 4,6-Dinitro-2-methylphenol	15.72	198	260869	58.240	nq	99
66) n-Nitrosodiphenylamine	15.85	169	1208151	48.025	nq	99
67) 4-Bromophenyl-phenylether	16.53	248	440991	45.900	nq	99
68) Hexachlorobenzene	16.65	284	463957	44.815	nq	98
69) Atrazine	16.81	200	450802	55.129	nq	98
70) Pentachlorophenol	17.00	266	585569	102.607	nq	99
71) Phenanthrene	17.38	178	1944131	47.448	nq	96
72) Anthracene	17.47	178	1998320	49.348	nq	97
73) Carbazole	17.74	167	1821665	48.701	nq	97
74) Di-n-butylphthalate	18.31	149	2179009	45.626	nq	97
75) Fluoranthene	19.39	202	2141416	45.698	nq	97
77) Benzidine	19.57	184	102691	5.922	nq	96
78) Pyrene	19.75	202	2149543	47.736	nq	96
80) Butylbenzylphthalate	20.64	149	1067931	49.814	nq	99
81) Benzo(a)anthracene	21.57	228	2088698	48.828	nq	98
82) 3,3'-Dichlorobenzidine	21.49	252	398220	23.563	nq	99
83) Chrysene	21.64	228	1966832	48.389	nq	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	1509375	51.025	nq	97
85) Di-n-octyl phthalate	22.69	149	2530369	50.882	nq	99
86) Indeno(1,2,3-cd)pyrene	28.28	276	2676853	48.460	nq	98
88) Benzo(b)fluoranthene	23.73	252	2263946	47.622	nq	98
89) Benzo(k)fluoranthene	23.80	252	2141787	47.377	nq	98
90) Benzo(a)pyrene	24.57	252	2058545	45.878	nq	98
91) Dibenzo(a,h)anthracene	28.35	278	2212299	49.094	nq	99
92) Benzo(g,h,i)perylene	29.39	276	2234612	49.923	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.96 min Scan# 830

Delta R.T. 0.00 min

Lab File: BG043903.D

Acq: 4 Jan 2020 1:09

Instrument :

BNA_G

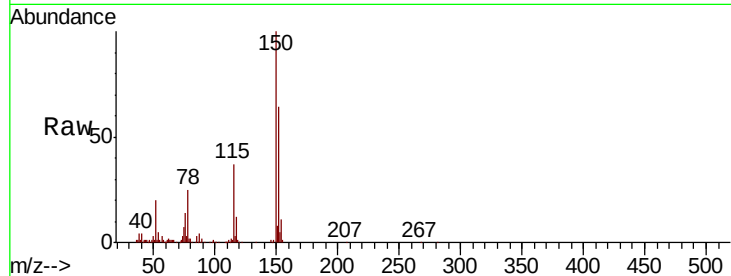
ClientSampleId :

OW-5MS

Tot Ion:	152	Resp:	137936
Ion Ratio	Lower	Upper	
152	100		
150	155.9	127.0	190.4
115	58.3	47.8	71.8

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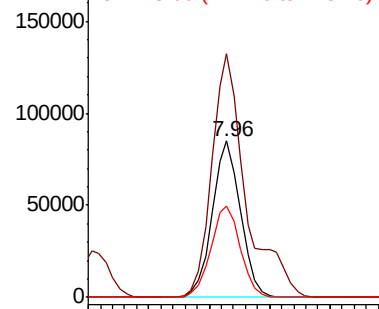


Abundance

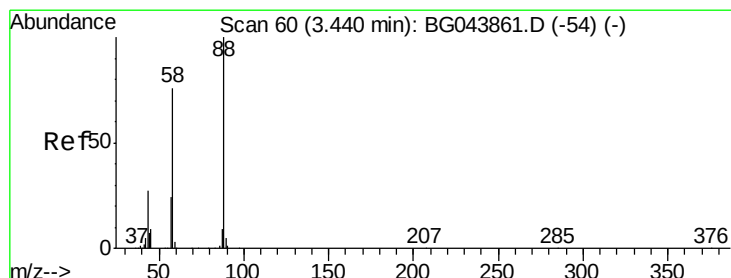
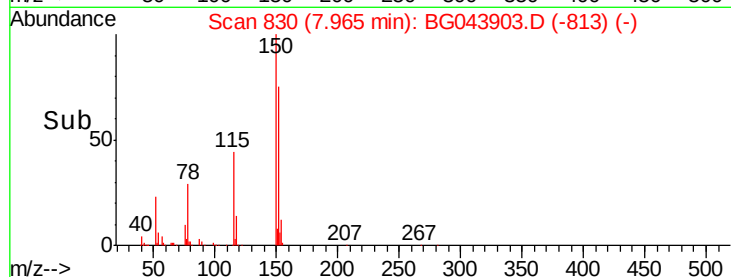
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 28.188 ng

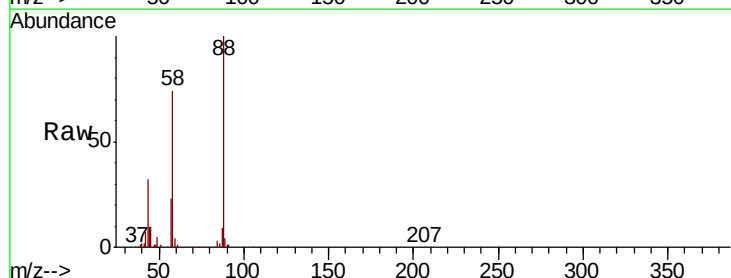
RT: 3.43 min Scan# 59

Delta R.T. -0.01 min

Lab File: BG043903.D

Acq: 4 Jan 2020 1:09

Tgt Ion:	88	Resp:	92331
Ion Ratio	Lower	Upper	
88	100		
58	75.5	59.8	89.8
43	31.0	22.9	34.3

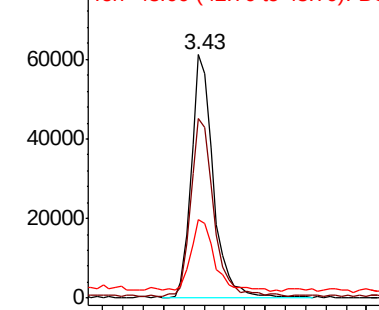


Abundance

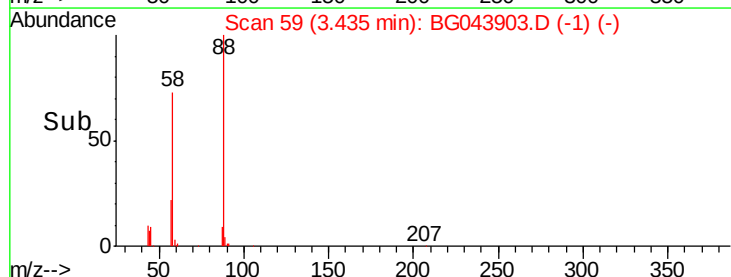
Ion 88.00 (87.70 to 88.70): BGC

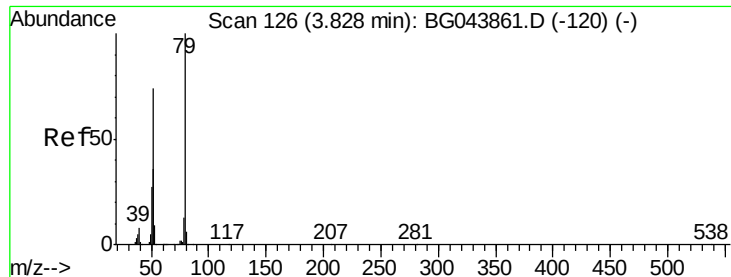
Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



Time-->





#3

Pvrindine

Concen: 25.486 ng

RT: 3.83 min Scan# 127

Delta R.T. 0.01 min

Lab File: BG043903.D

Acq: 4 Jan 2020 1:09

Instrument :

BNA_G

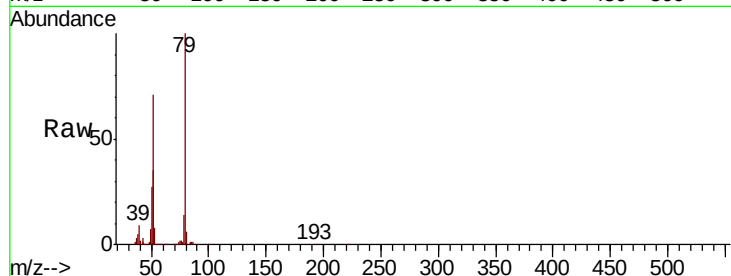
ClientSampleId :

OW-5MS

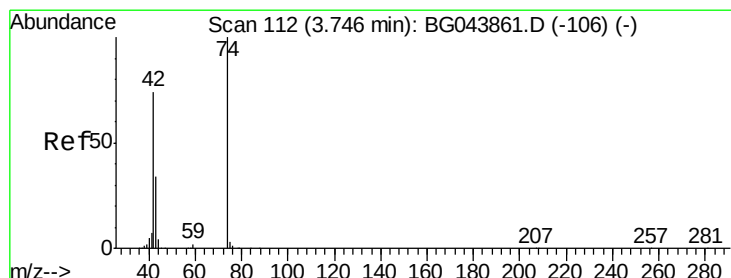
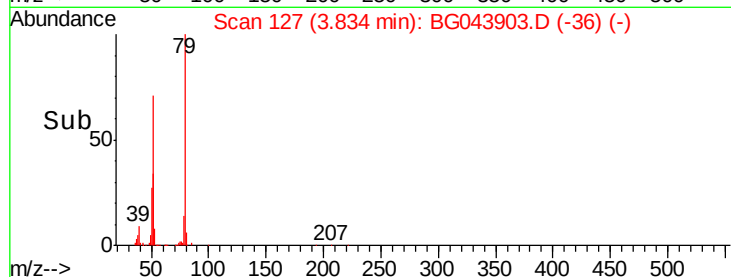
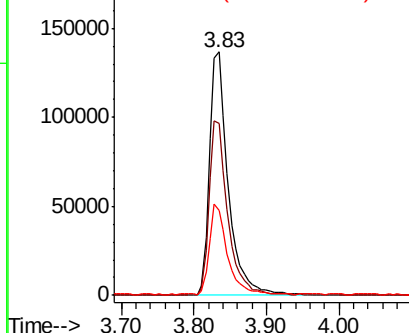
Tot Ion:	79	Resp:	246619
Ion Ratio	Lower	Upper	
79	100		
52	70.5	58.9	88.3
51	34.7	28.6	43.0

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



#4

n-Nitrosodimethylamine

Concen: 29.753 ng

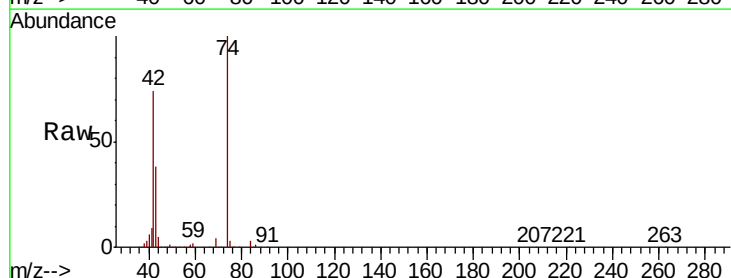
RT: 3.75 min Scan# 112

Delta R.T. 0.00 min

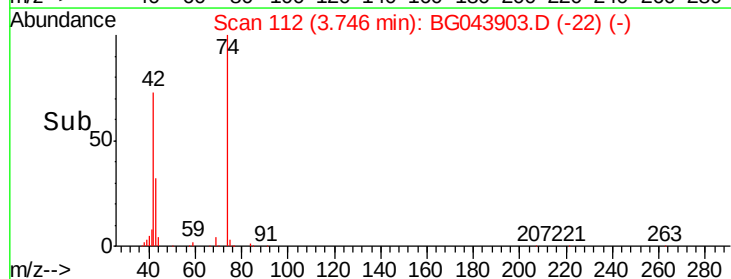
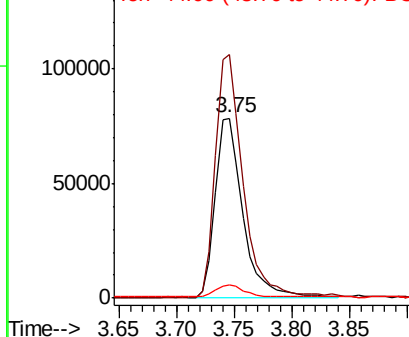
Lab File: BG043903.D

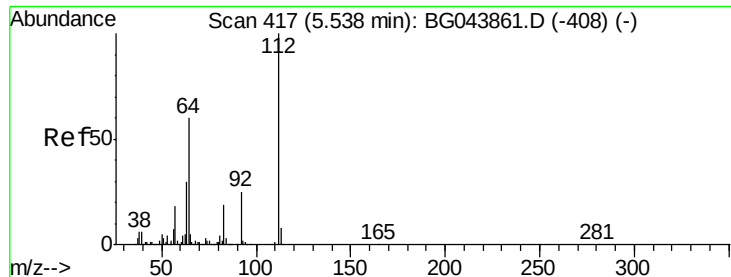
Acq: 4 Jan 2020 1:09

Tgt Ion:	42	Resp:	128180
Ion Ratio	Lower	Upper	
42	100		
74	135.4	108.6	162.8
44	7.2	5.0	7.6



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





#5

2-Fluorophenol

Concen: 105.918 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG043903.D

Acq: 4 Jan 2020 1:09

Instrument :

BNA_G

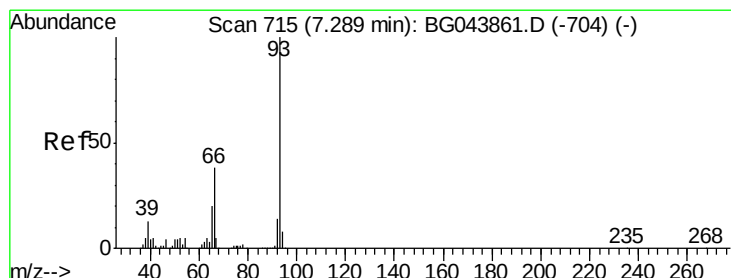
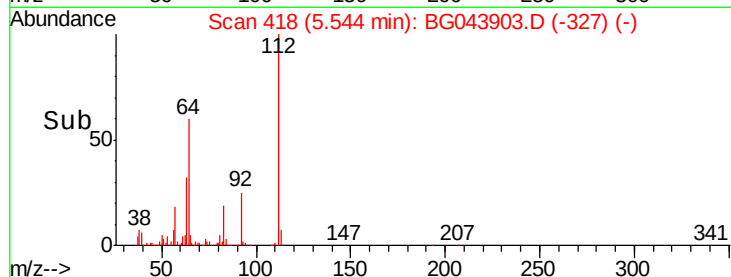
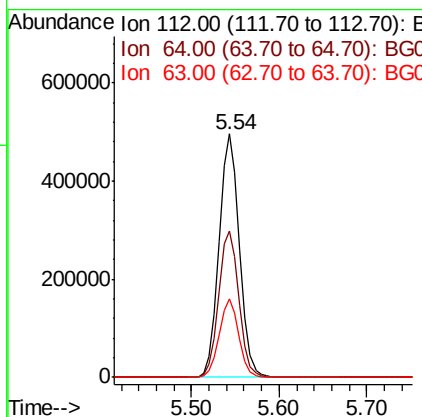
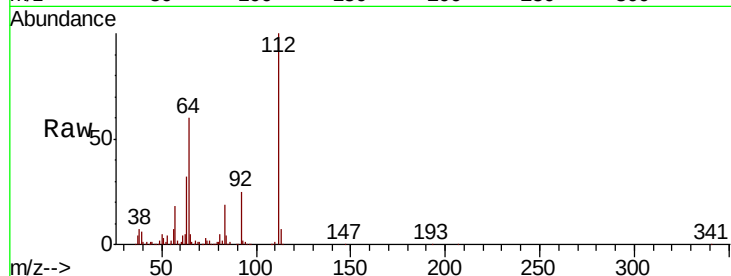
ClientSampleId :

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Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	60.3	47.8	71.6
63	32.2	24.3	36.5

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#6

Aniline

Concen: 25.575 ng

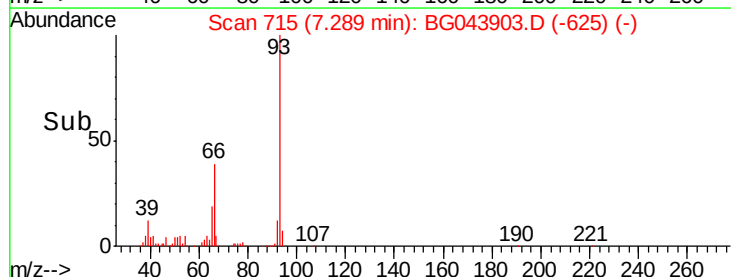
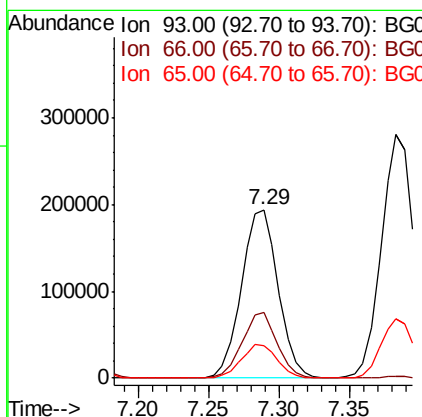
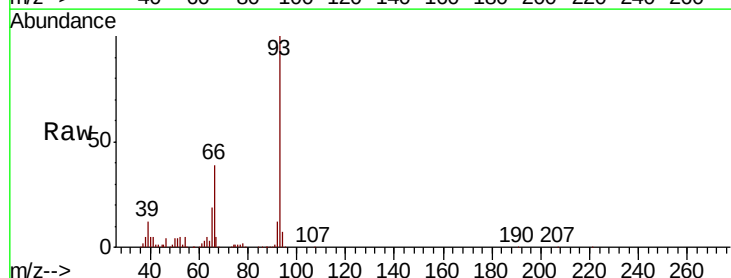
RT: 7.29 min Scan# 715

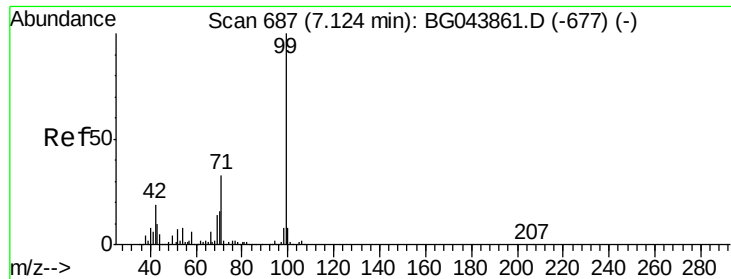
Delta R.T. 0.00 min

Lab File: BG043903.D

Acq: 4 Jan 2020 1:09

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	38.8	30.8	46.2
65	19.5	16.0	24.0





#7

Phenol-d6

Concen: 74.514 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043903.D

Acq: 4 Jan 2020 1:09

Instrument :

BNA_G

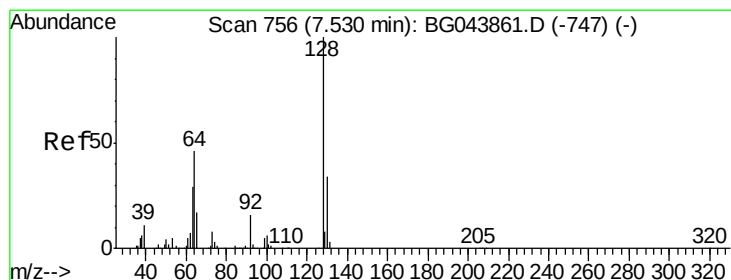
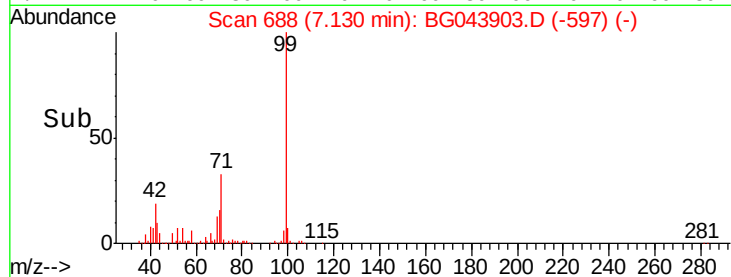
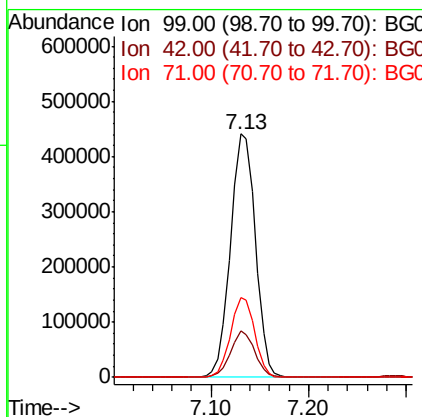
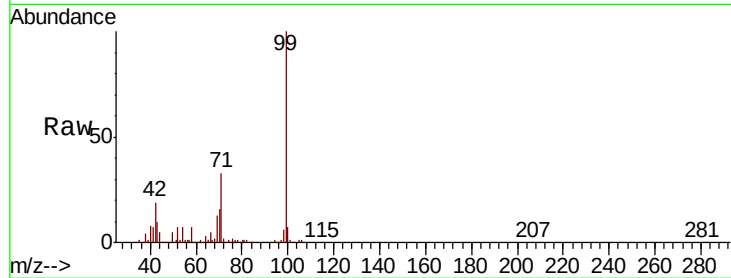
ClientSampled :

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Tot Ion:	99	Resp:	782467
Ion Ratio	Lower	Upper	
99	100		
42	18.9	14.9	22.3
71	32.8	26.4	39.6

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#8

2-Chlorophenol

Concen: 50.957 ng

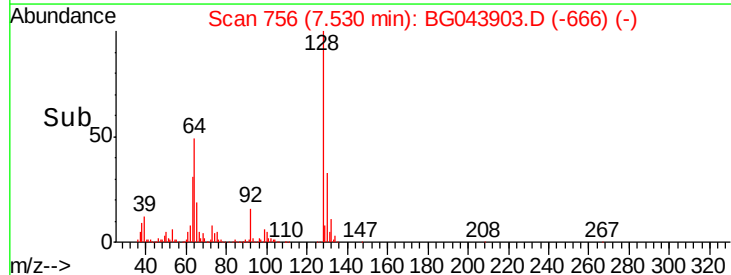
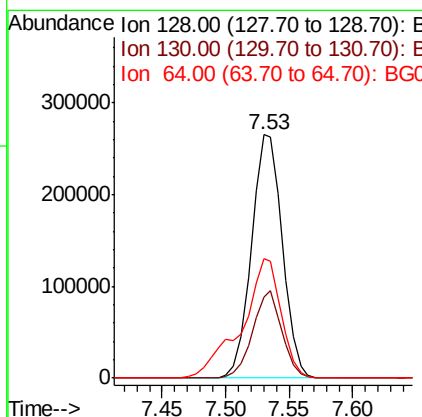
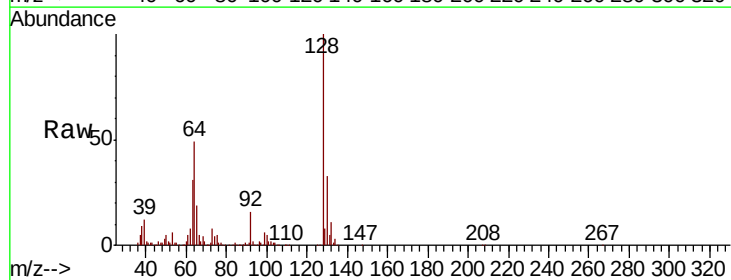
RT: 7.53 min Scan# 756

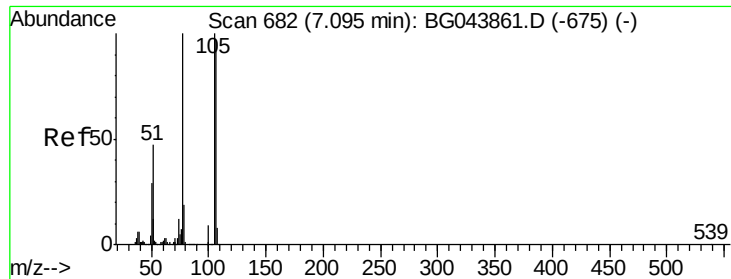
Delta R.T. 0.00 min

Lab File: BG043903.D

Acq: 4 Jan 2020 1:09

Tgt Ion:	128	Resp:	449405
Ion Ratio	Lower	Upper	
128	100		
130	33.5	13.8	53.8
64	49.0	27.6	67.6





#9

Benzaldehyde

Concen: 44.383 ng

RT: 7.09 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG043903.D

Acq: 4 Jan 2020 1:09

Instrument :

BNA_G

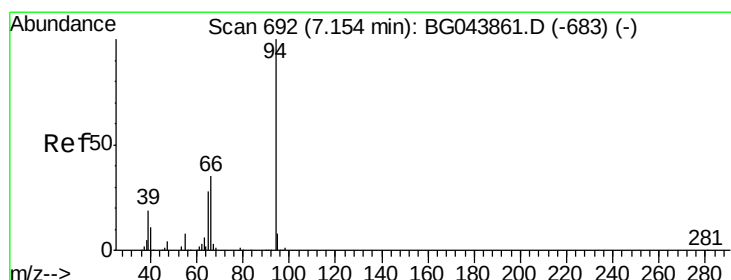
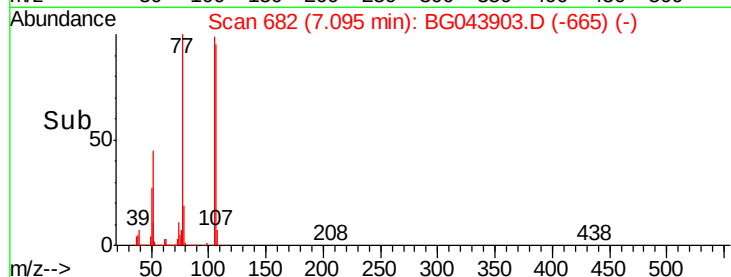
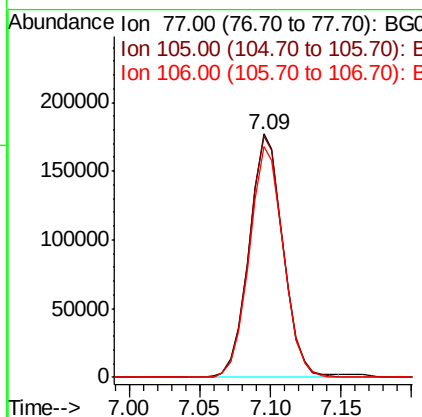
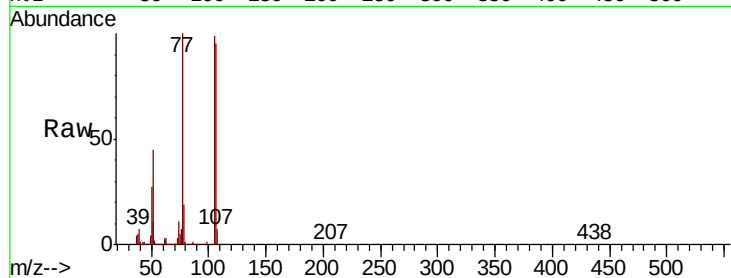
ClientSampleId :

OW-5MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.0	80.2	120.2
106	94.8	77.2	117.2

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#10

Phenol

Concen: 28.375 ng

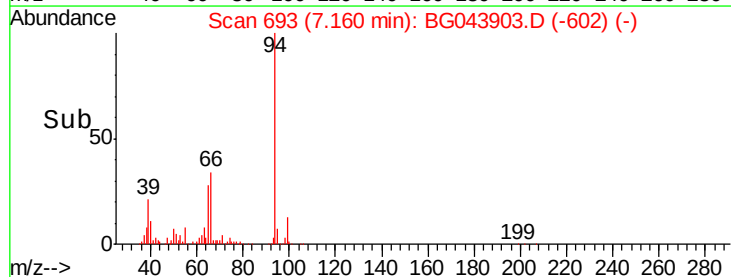
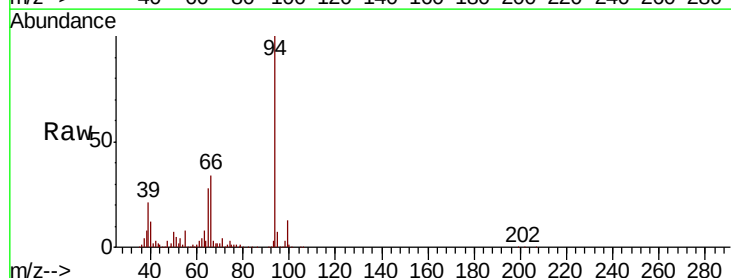
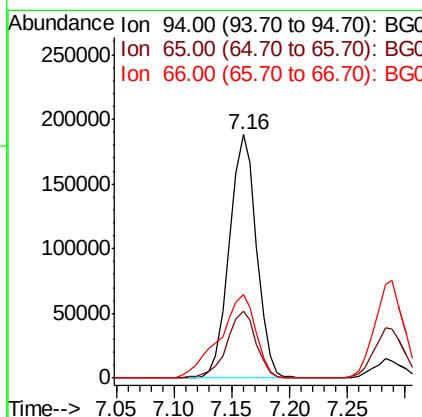
RT: 7.16 min Scan# 693

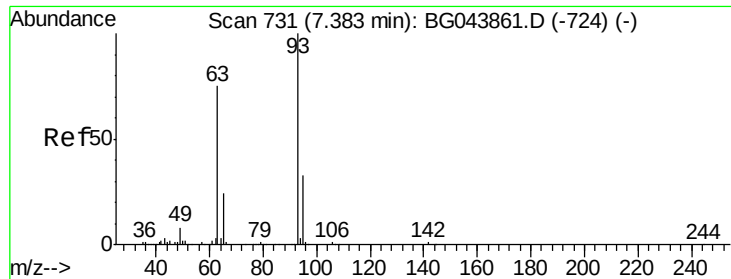
Delta R.T. 0.01 min

Lab File: BG043903.D

Acq: 4 Jan 2020 1:09

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.6	8.1	48.1
66	34.5	15.6	55.6





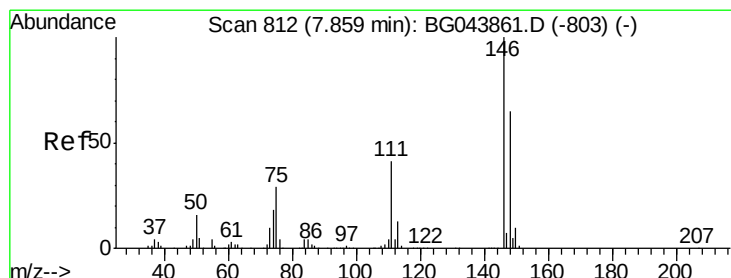
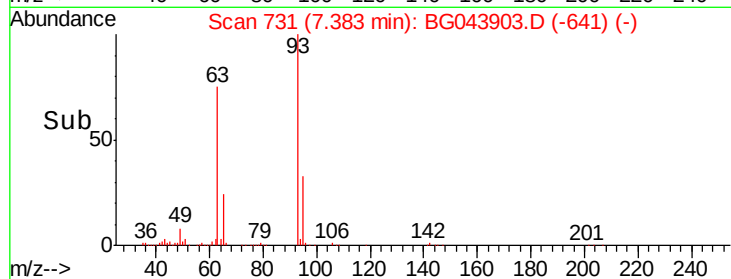
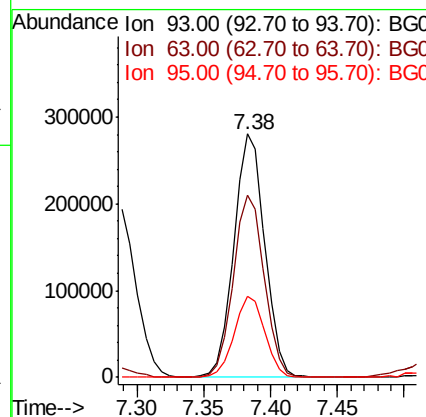
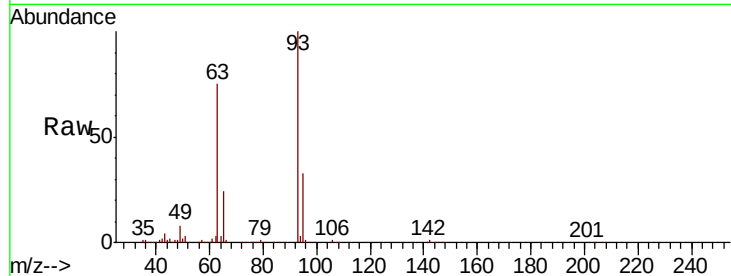
#11
bis(2-Chloroethyl)ether
Concen: 48.296 ng
RT: 7.38 min Scan# 731
Delta R.T. 0.00 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Instrument :
BNA_G
ClientSampleId :
OW-5MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	451046		
63	74.8		55.0	95.0
95	33.5		13.3	53.3

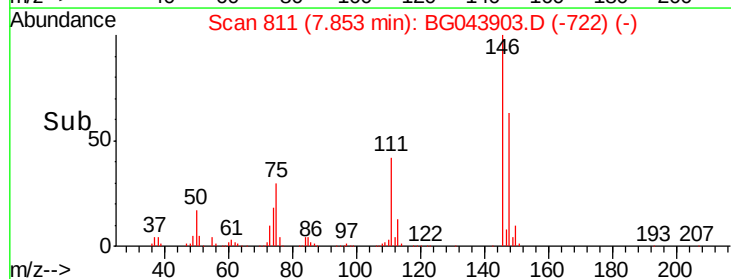
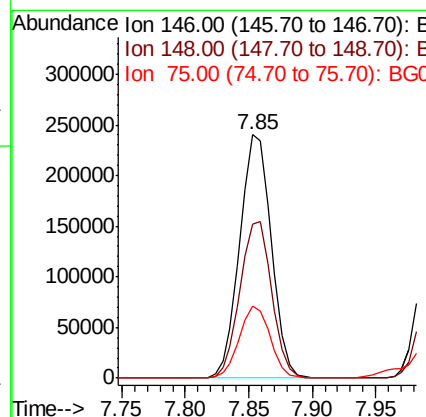
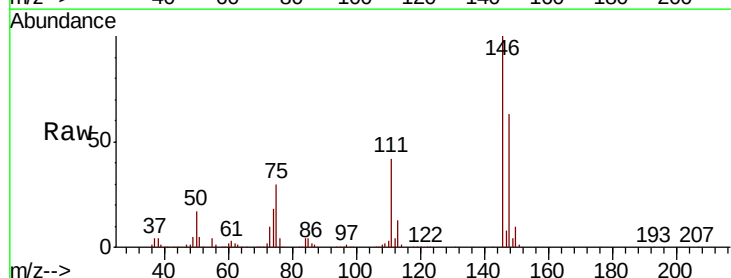
Manual Integrations
APPROVED

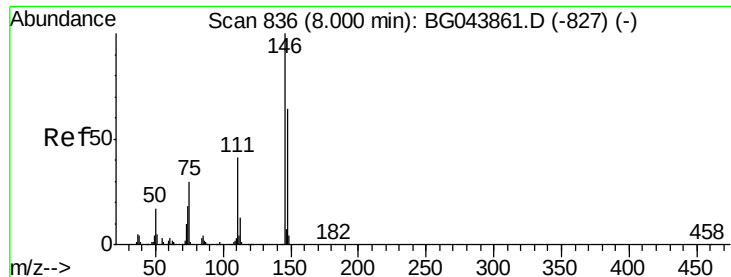
mohammad
1/6/2020 11:41:54 AM



#12
1,3-Dichlorobenzene
Concen: 40.147 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	414338		
148	63.3		52.1	78.1
75	29.8		23.0	34.4





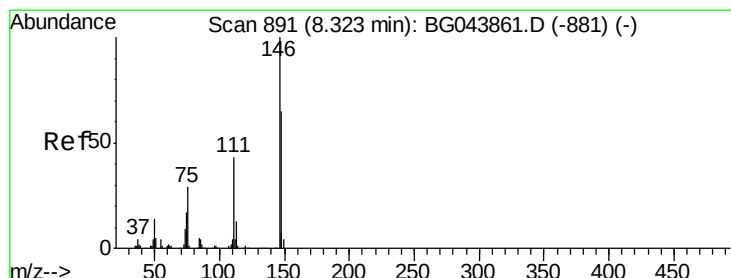
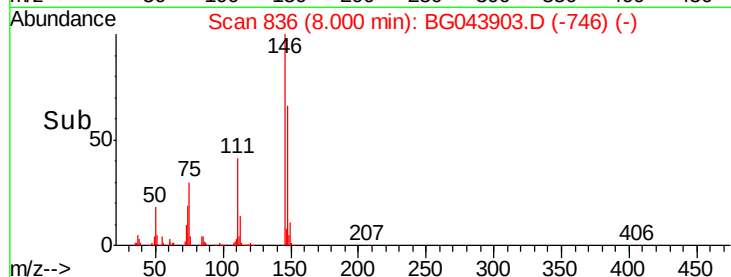
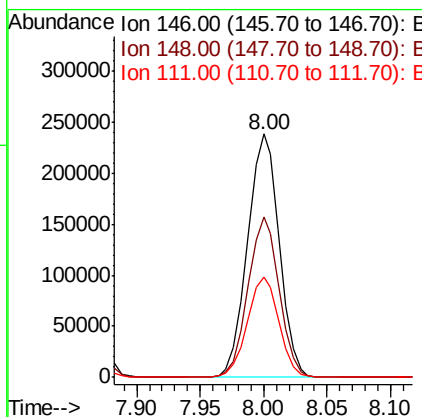
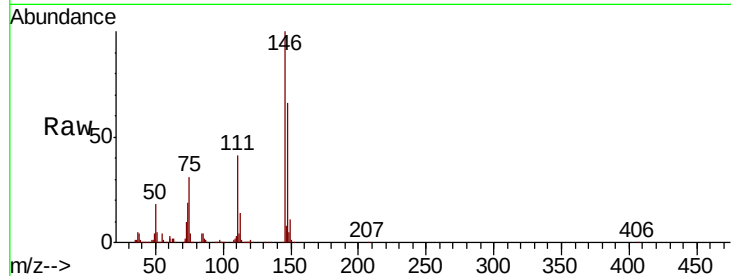
#13
1,4-Dichlorobenzene
Concen: 40.705 ng
RT: 8.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Instrument :
BNA_G
ClientSampleId :
OW-5MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.2	76.8
111	41.4	33.1	49.7

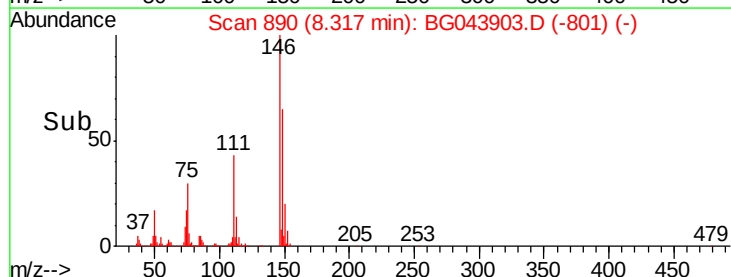
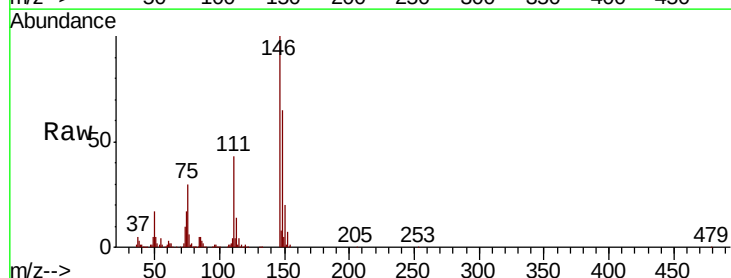
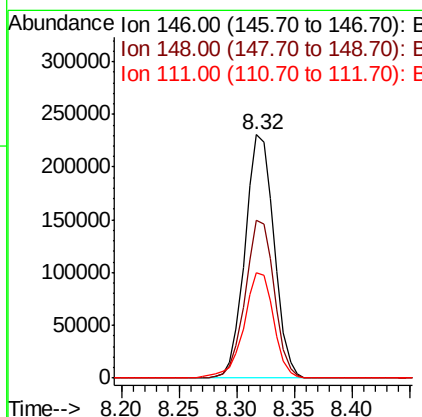
Manual Integrations
APPROVED

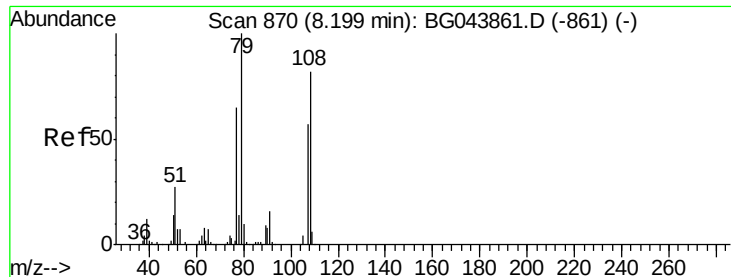
mohammad
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#14
1,2-Dichlorobenzene
Concen: 41.196 ng
RT: 8.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.7	77.5
111	43.2	34.4	51.6





#15

Benzyl Alcohol

Concen: 45.976 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG043903.D

Acq: 4 Jan 2020 1:09

Instrument :

BNA_G

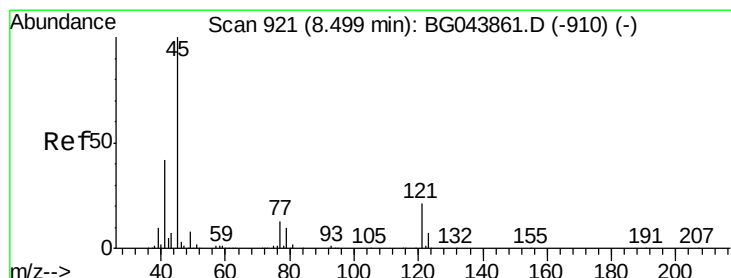
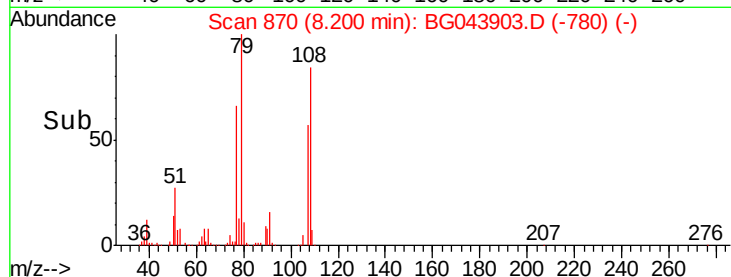
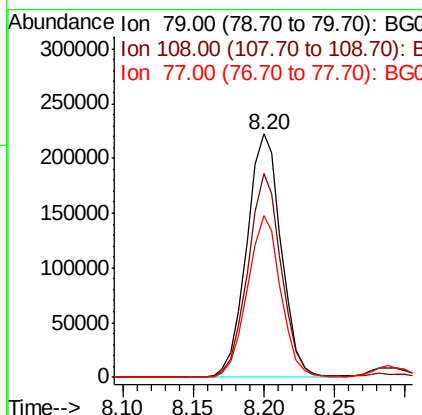
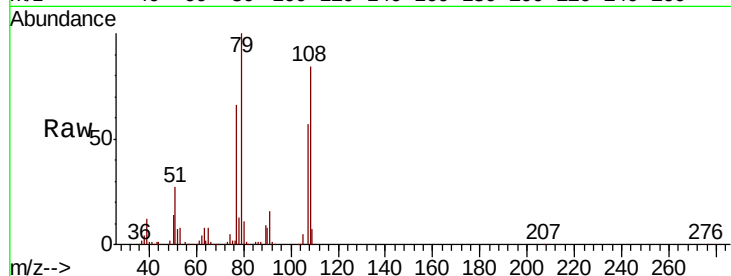
ClientSampleId :

OW-5MS

Tot Ion:	79	Resp:	381026
Ion Ratio	Lower	Upper	
79	100		
108	83.6	65.6	98.4
77	66.2	52.0	78.0

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 45.880 ng

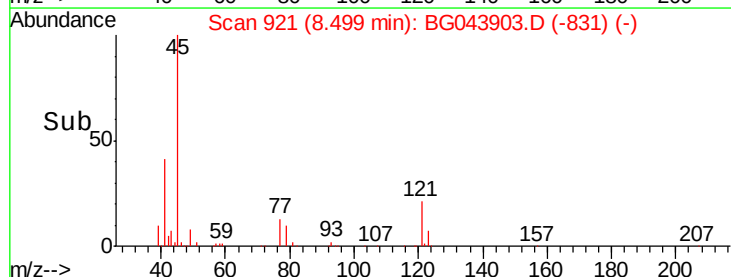
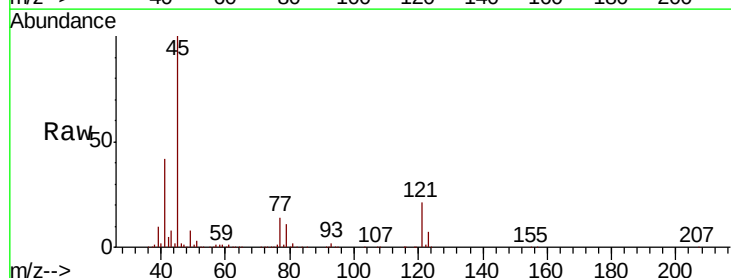
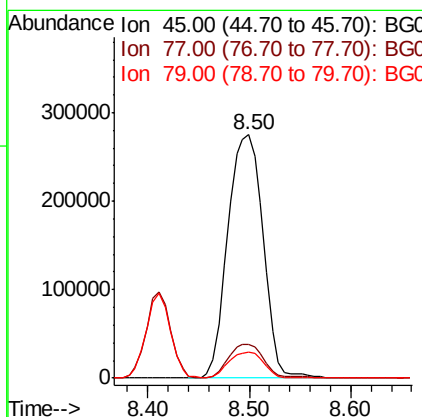
RT: 8.50 min Scan# 921

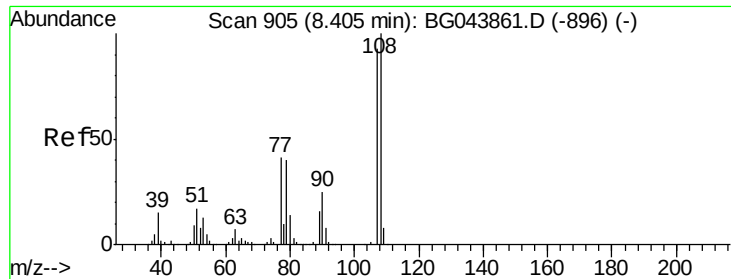
Delta R.T. 0.00 min

Lab File: BG043903.D

Acq: 4 Jan 2020 1:09

Tgt Ion:	45	Resp:	662907
Ion Ratio	Lower	Upper	
45	100		
77	13.6	0.0	33.8
79	10.9	0.0	31.0





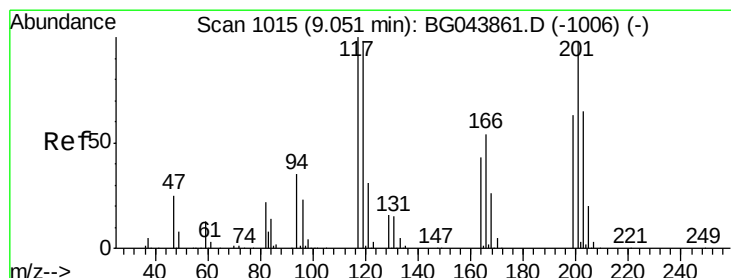
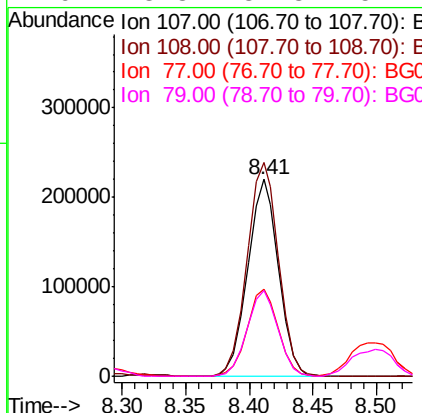
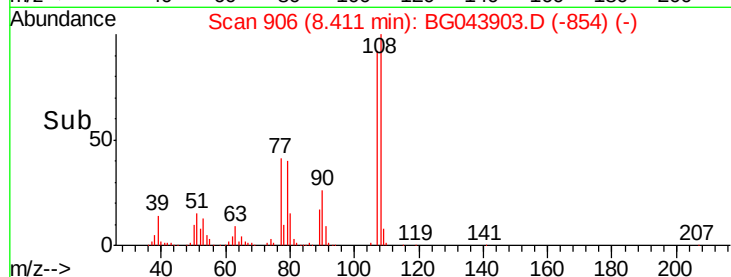
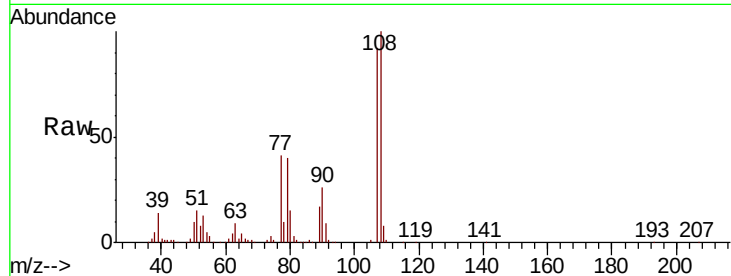
#17
2-Methylphenol
Concen: 47.404 ng
RT: 8.41 min Scan# 906
Delta R.T. 0.01 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Instrument :
BNA_G
ClientSampleId :
OW-5MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.4	86.1	129.1	
77	44.2	35.4	53.0	
79	43.8	34.8	52.2	

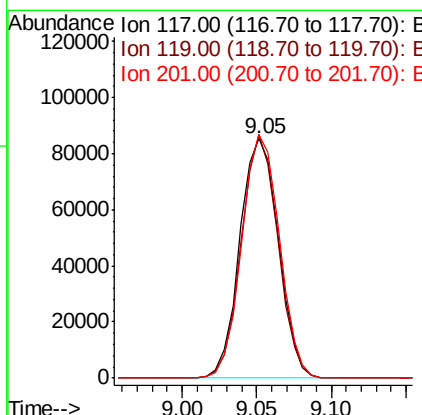
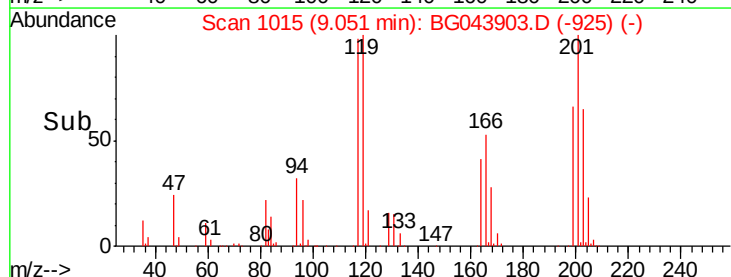
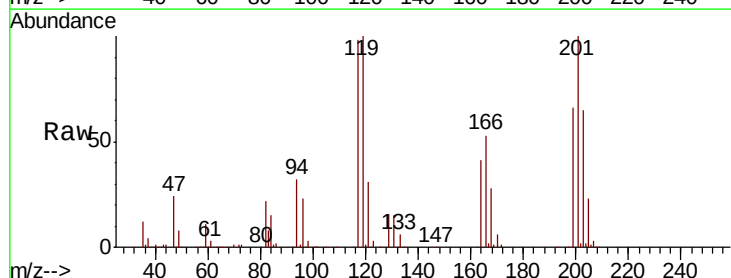
Manual Integrations
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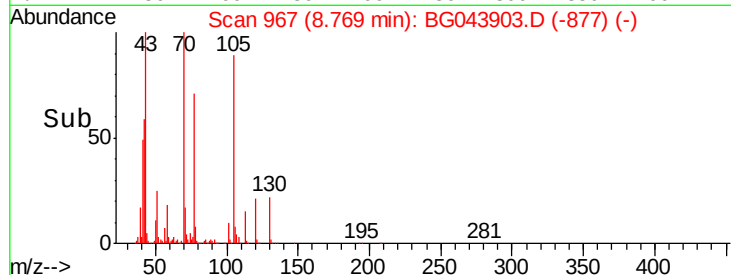
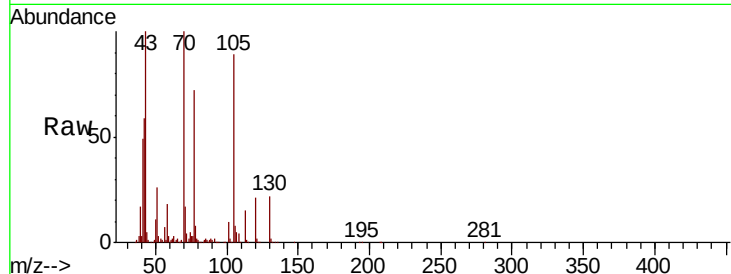
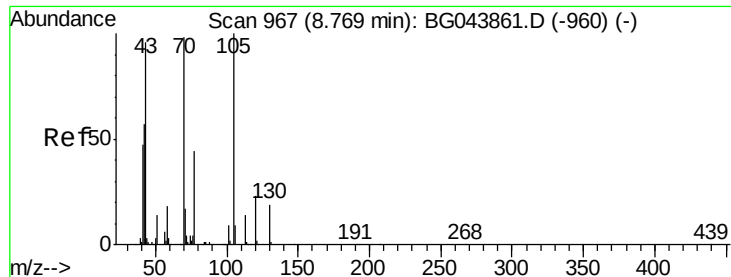
mohammad
1/6/2020 11:41:54 AM



#18
Hexachloroethane
Concen: 38.549 ng
RT: 9.05 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	101.7	78.1	117.1	
201	101.5	78.6	117.8	





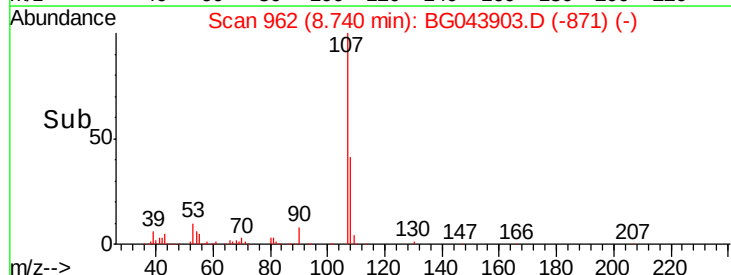
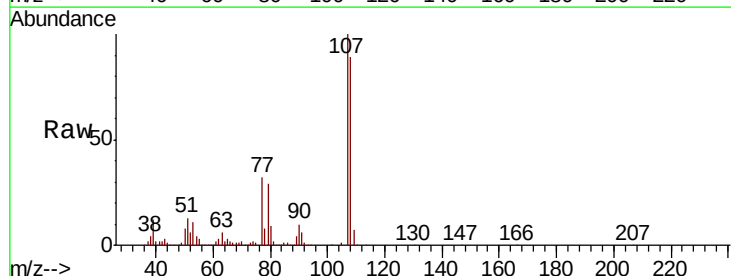
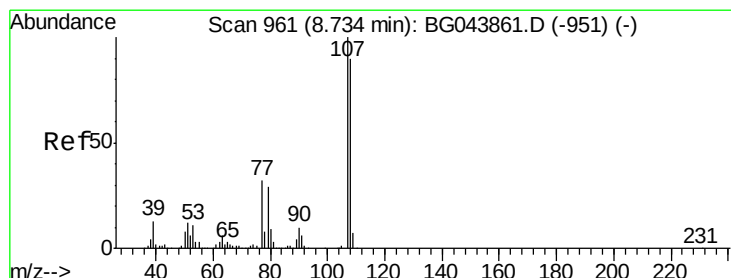
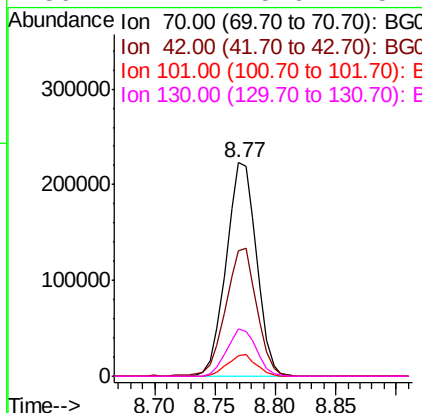
#19
n-Nitroso-di-n-propylamine
Concen: 49.639 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Instrument :
BNA_G
ClientSampleId :
OW-5MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.9	47.0	70.4	
101	9.5	7.2	10.8	
130	22.1	15.6	23.4	

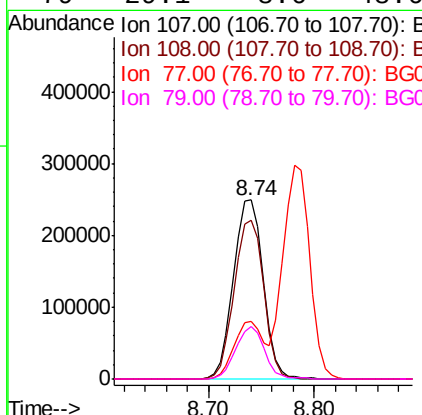
Manual Integrations
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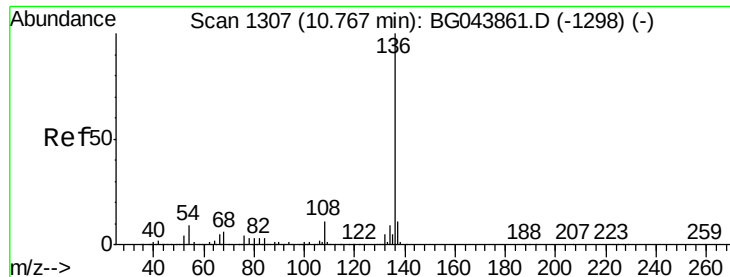
mohammad
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#20
3+4-Methylphenols
Concen: 44.358 ng
RT: 8.74 min Scan# 962
Delta R.T. 0.01 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.6	70.3	110.3	
77	32.3	12.4	52.4	
79	29.1	8.6	48.6	





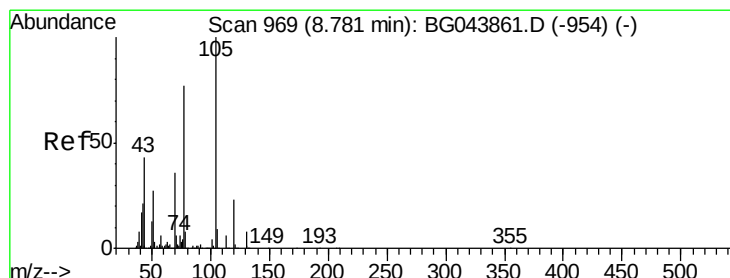
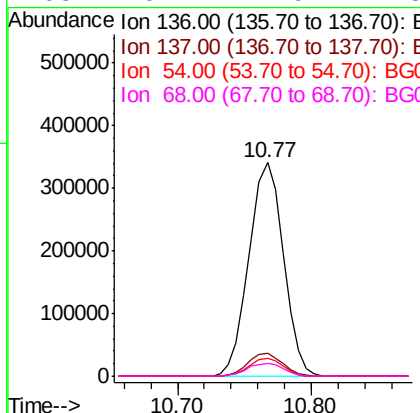
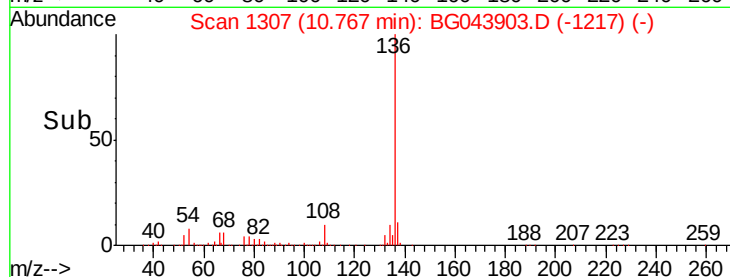
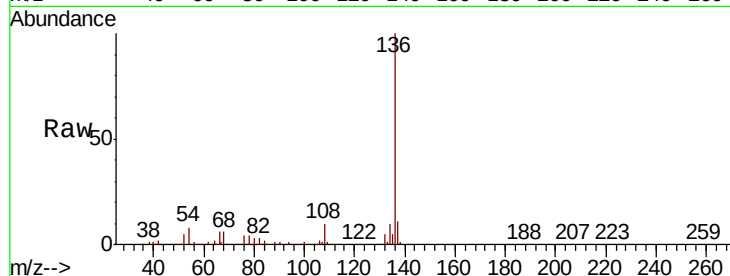
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Instrument :
BNA_G
ClientSampleId :
OW-5MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		610844		
137	11.0	8.8	13.2		
54	8.3	7.0	10.4		
68	6.2	4.9	7.3		

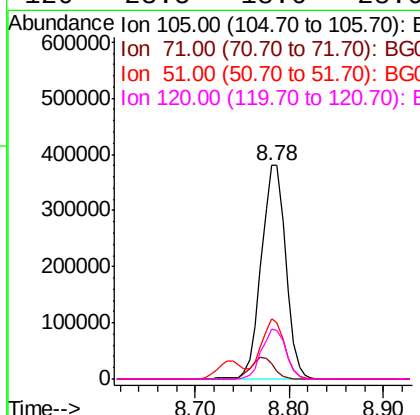
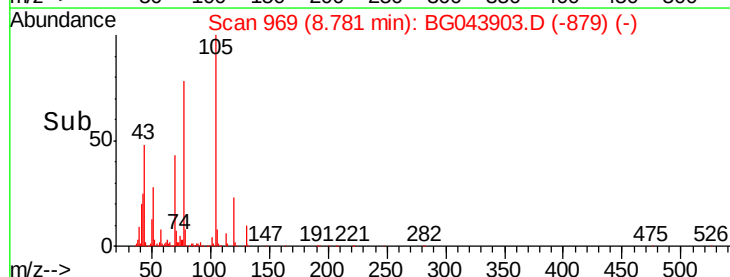
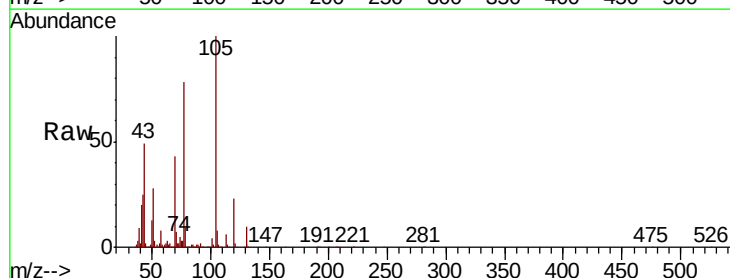
Manual Integrations
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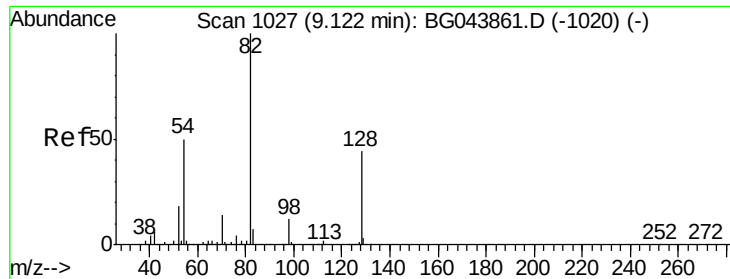
mohammad
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#22
Acetophenone
Concen: 45.109 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.00 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		685028		
71	7.1	4.8	7.2		
51	28.4	21.4	32.0		
120	23.5	18.6	28.0		





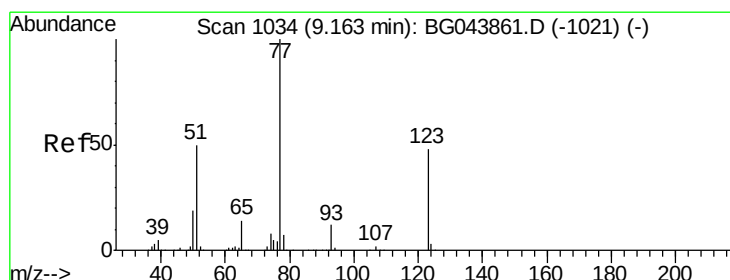
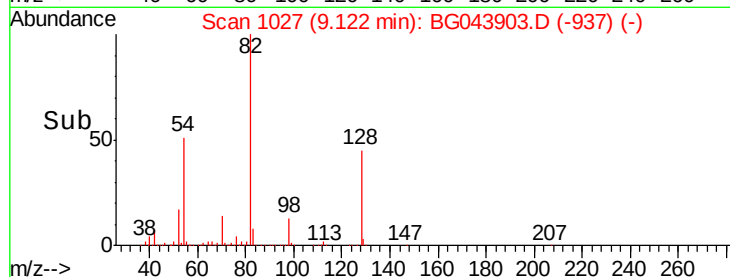
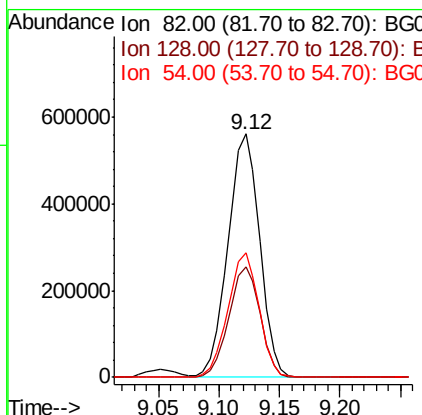
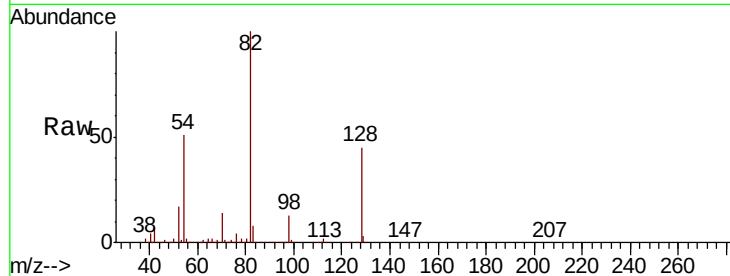
#23
 Nitrobenzene-d5
 Concen: 89.755 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG043903.D
 Acq: 4 Jan 2020 1:09

Instrument :
 BNA_G
 ClientSampled :
 OW-5MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.1	52.7
54	51.2	40.1	60.1

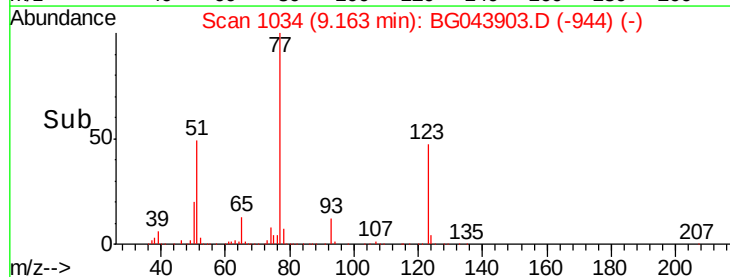
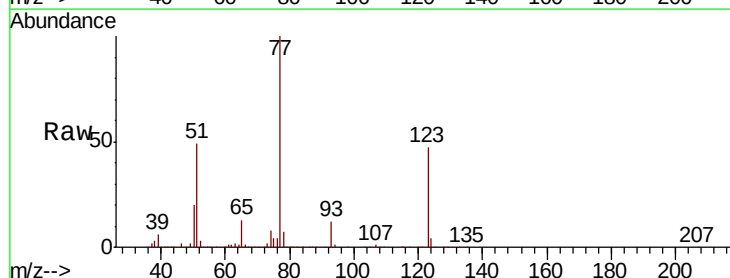
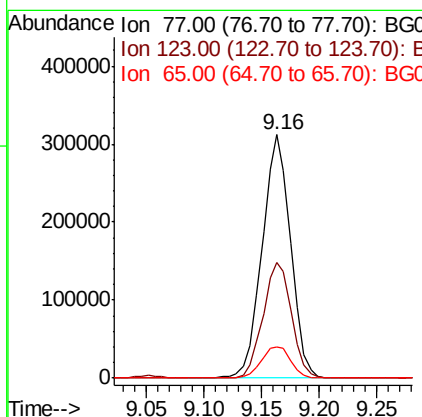
Manual Integrations
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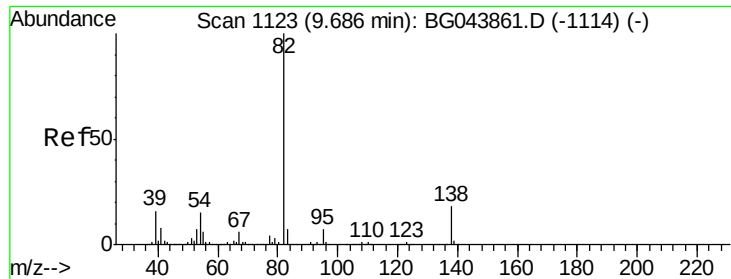
mohammad
 1/6/2020 11:41:54 AM



#24
 Nitrobenzene
 Concen: 47.073 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BG043903.D
 Acq: 4 Jan 2020 1:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.4	38.7	58.1
65	12.6	11.1	16.7





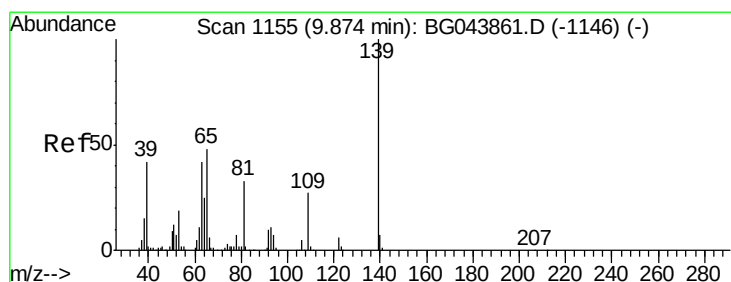
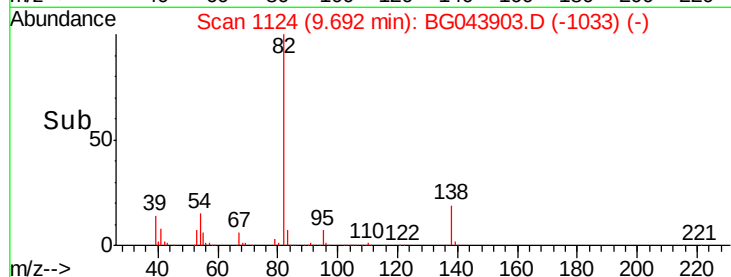
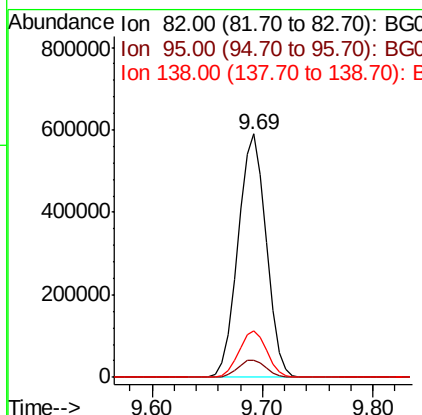
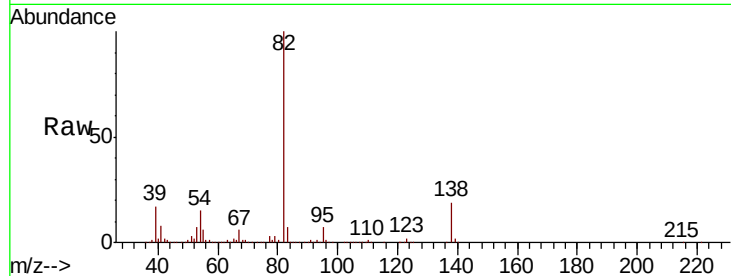
#25
Isophorone
Concen: 49.246 ng
RT: 9.69 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Instrument :
BNA_G
ClientSampleId :
OW-5MS

Tot Ion	82	Resp	1054959
Ion Ratio	100	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	19.0	14.6	22.0

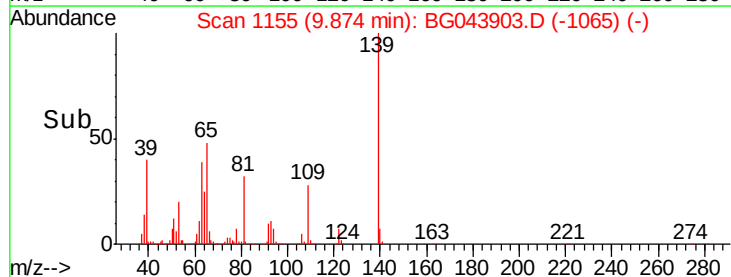
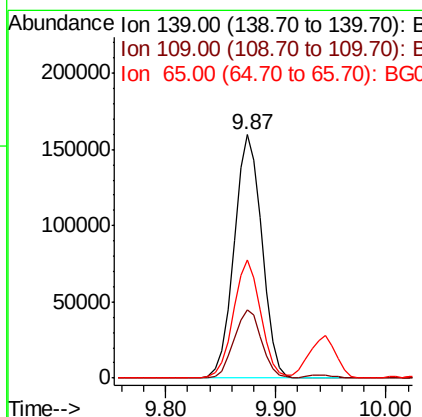
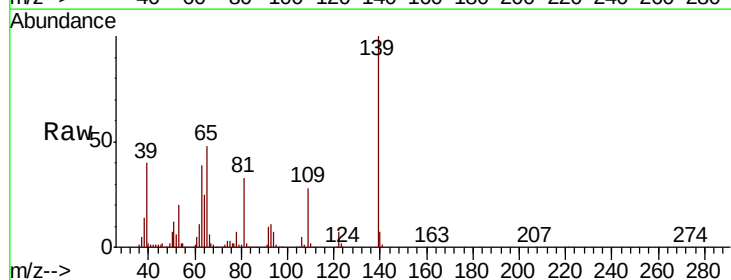
Manual Integrations
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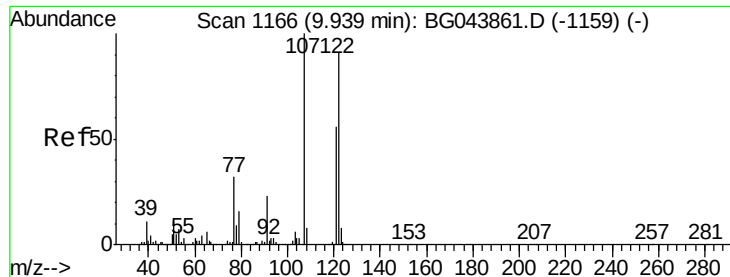
mohammad
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#26
2-Nitrophenol
Concen: 52.670 ng
RT: 9.87 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Tgt Ion	139	Resp	281811
Ion Ratio	100	Lower	Upper
139	100		
109	28.0	21.3	31.9
65	48.3	38.6	57.8





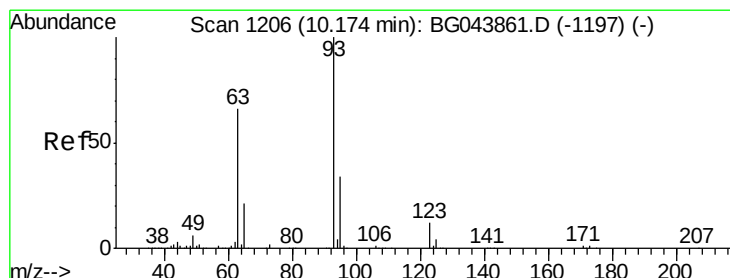
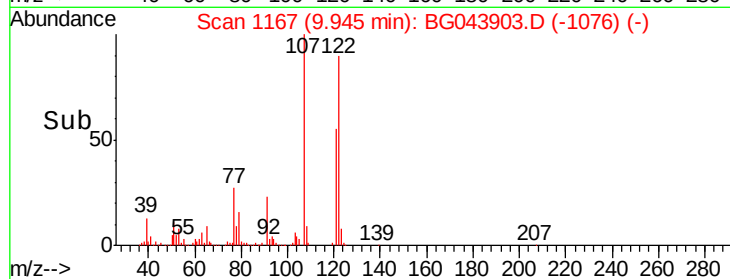
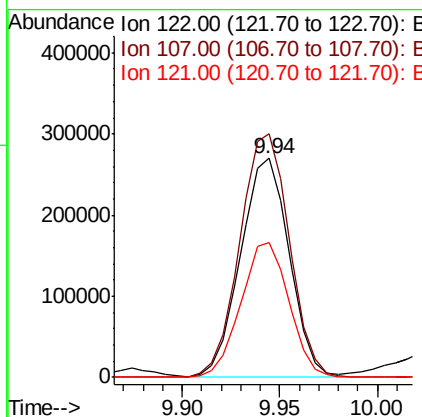
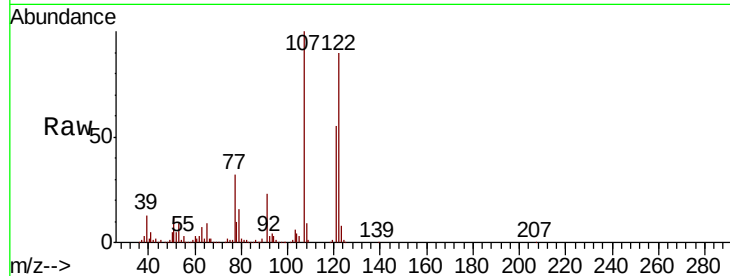
#27
2,4-Dimethylphenol
Concen: 58.050 ng
RT: 9.94 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Instrument :
BNA_G
ClientSampleId :
OW-5MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	467546		
107	111.2	88.0	132.0	
121	61.7	49.0	73.4	

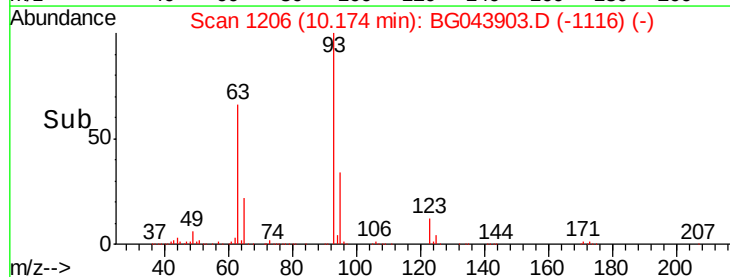
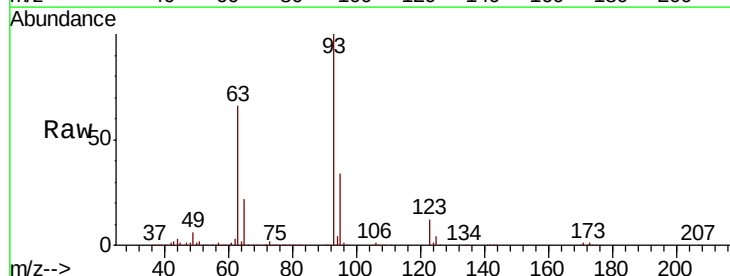
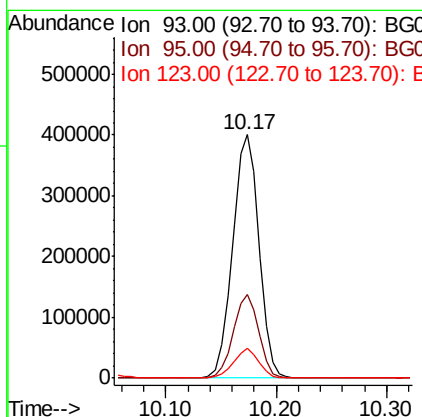
Manual Integrations
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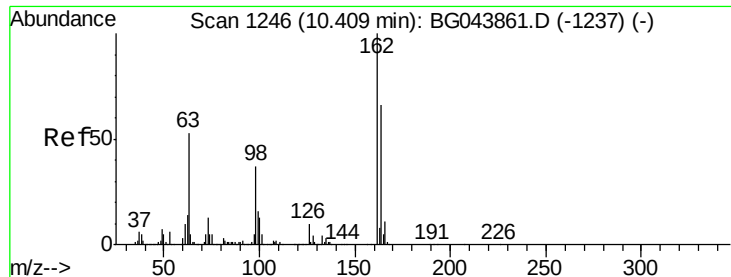
mohammad
1/6/2020 11:41:54 AM



#28
bis(2-Chloroethoxy)methane
Concen: 46.722 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	667274		
95	34.2	27.2	40.8	
123	12.4	9.7	14.5	





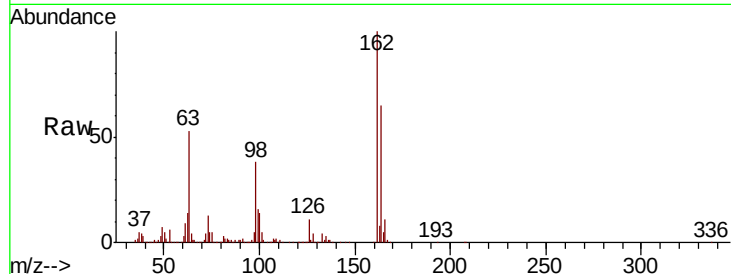
#29
2,4-Dichlorophenol
Concen: 52.352 ng
RT: 10.41 min Scan# 1247
Delta R.T. 0.01 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Instrument :
BNA_G
ClientSampled :
OW-5MS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.6	46.3	86.3
98	37.6	17.3	57.3

Manual Integrations
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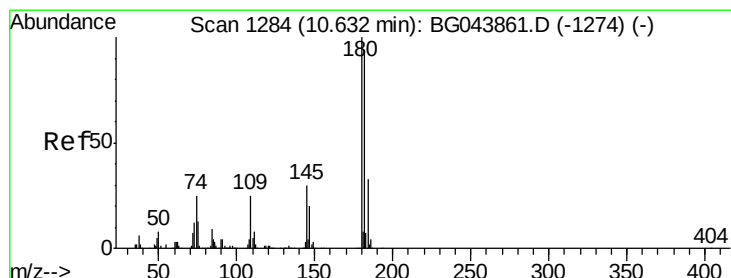
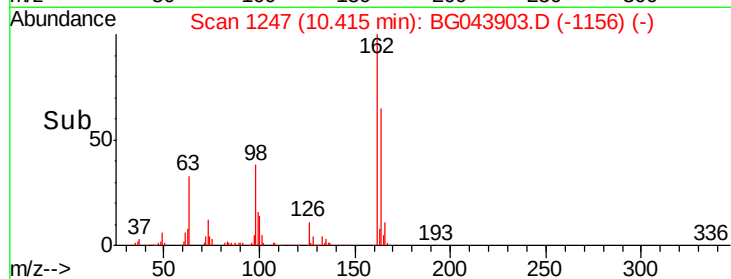
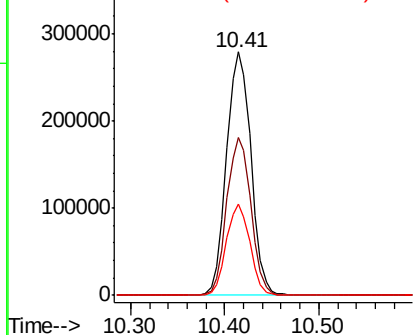


Abundance

Ion 162.00 (161.70 to 162.70): E

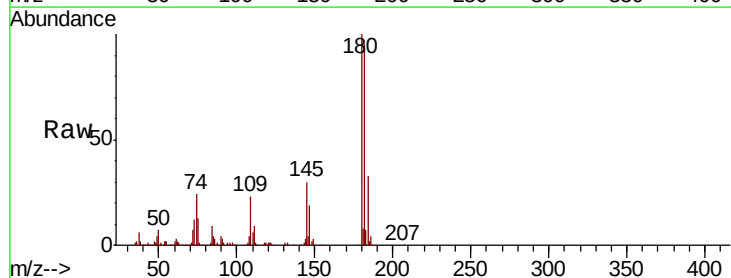
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 40.454 ng
RT: 10.63 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.5	75.0	112.4
145	29.7	24.2	36.4

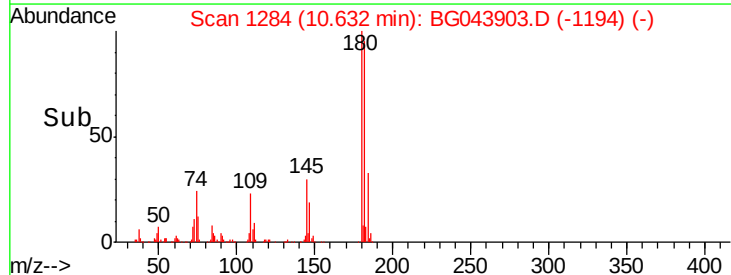
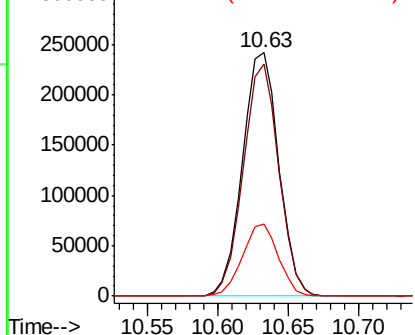


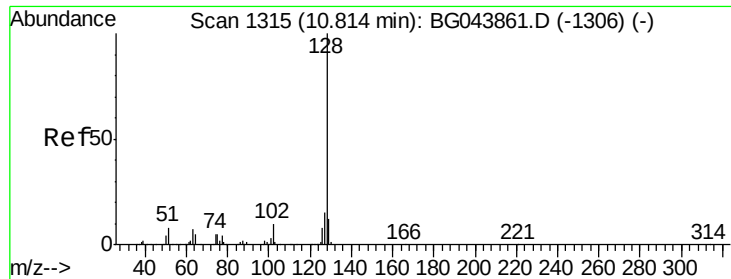
Abundance

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





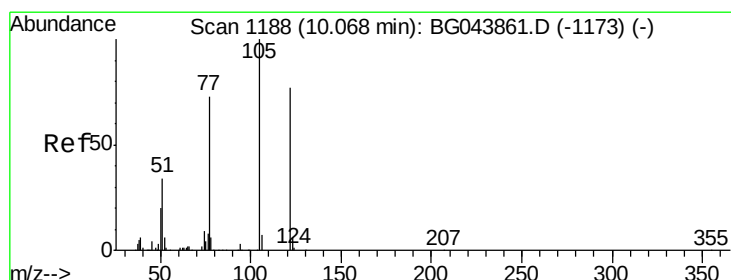
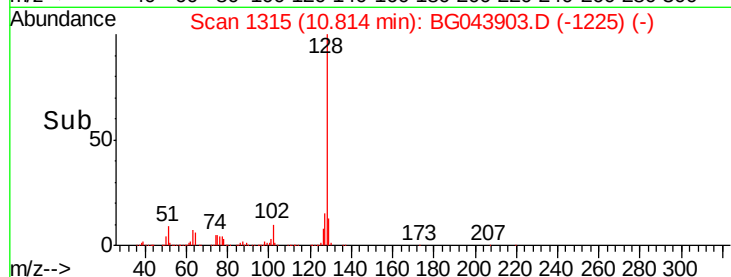
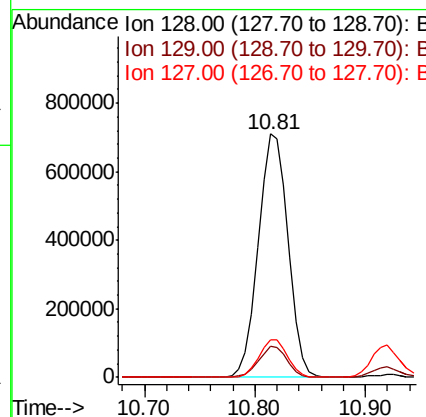
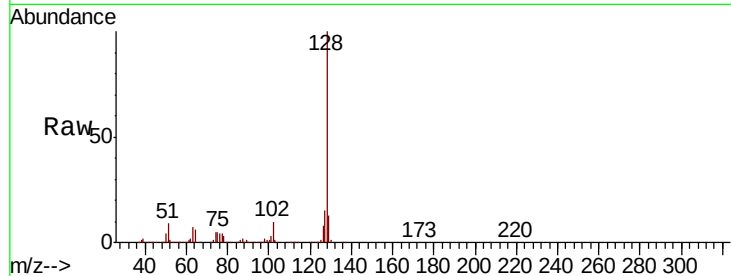
#31
Naphthalene
Concen: 45.282 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Instrument :
BNA_G
ClientSampleId :
OW-5MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.8	14.6
127	15.3	12.0	18.0

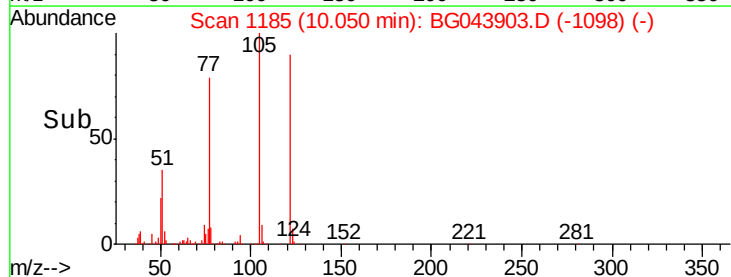
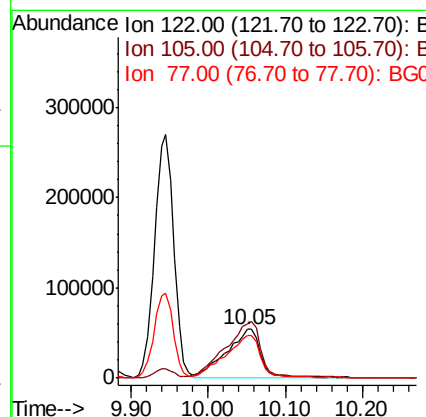
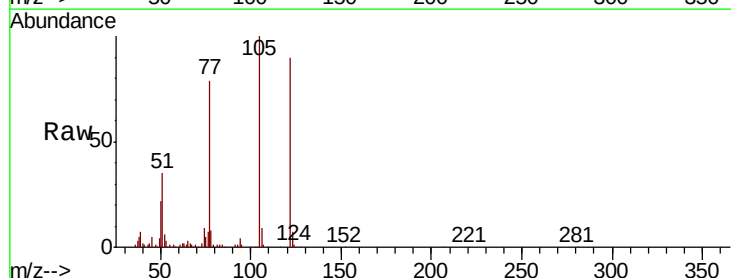
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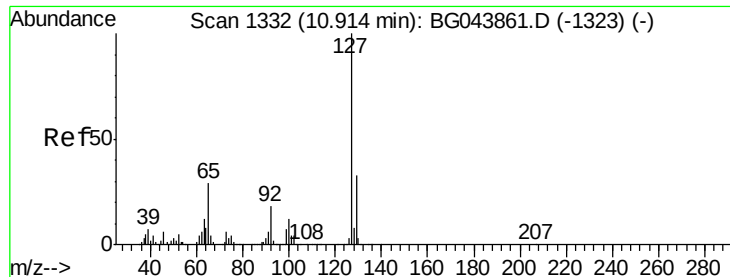
mohammad
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#32
Benzoic acid
Concen: 28.886 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	111.7	106.4	146.4
77	88.5	74.6	114.6





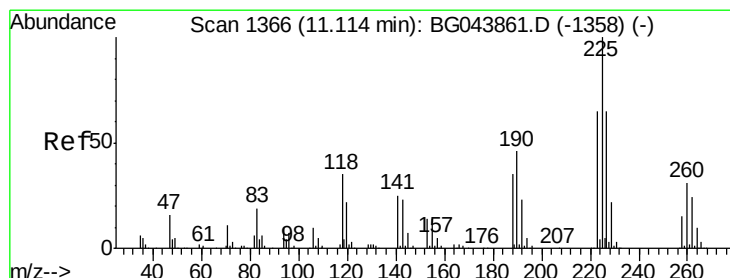
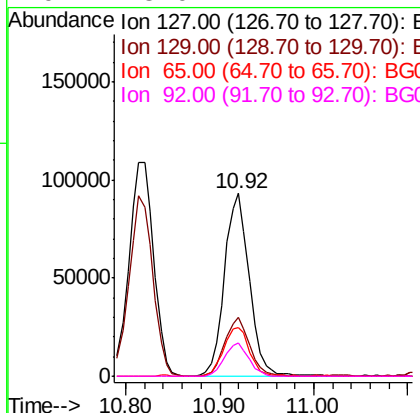
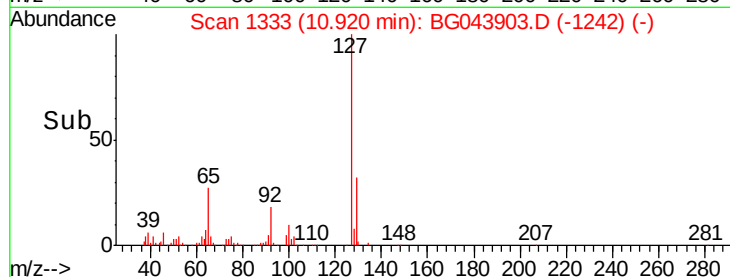
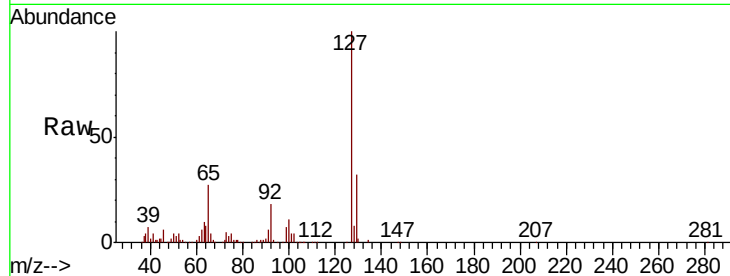
#33
4-Chloroaniline
Concen: 12.153 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Instrument :
BNA_G
ClientSampleId :
OW-5MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.6	40.0
65	27.0	23.3	34.9
92	18.0	14.7	22.1

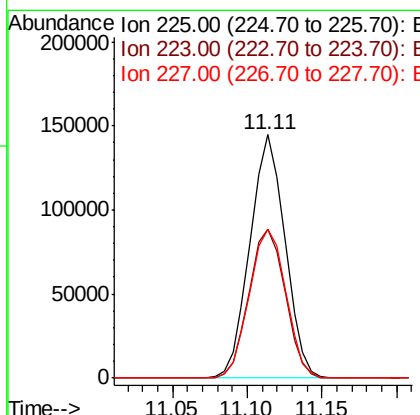
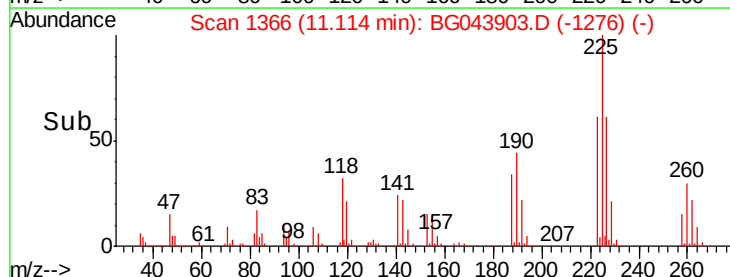
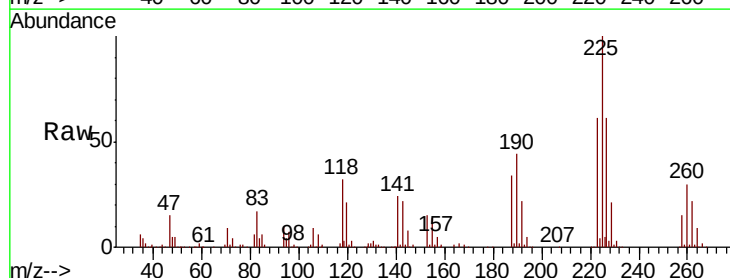
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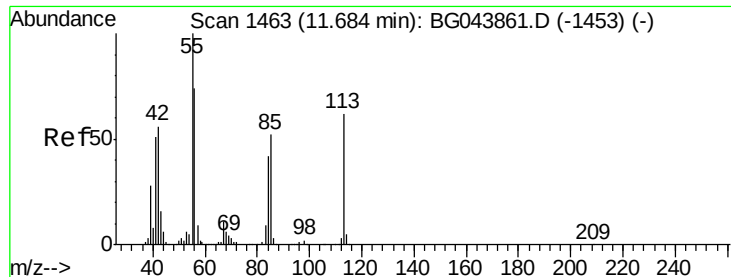
mohammad
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#34
Hexachlorobutadiene
Concen: 35.761 ng
RT: 11.11 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	52.2	78.4
227	61.3	52.1	78.1





#35

Caprolactam

Concen: 16.309 ng/mL

RT: 11.70 min Scan# 1466

Delta R.T. 0.02 min

Lab File: BG043903.D

Acq: 4 Jan 2020 1:09

Instrument :

BNA_G

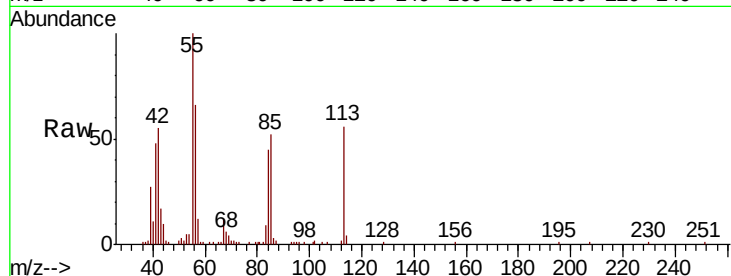
ClientSampled :

OW-5MS

Tot Ion:	113	Resp:	58327
Ion	Ratio	Lower	Upper
113	100		
55	177.9	142.5	182.5
56	118.1	101.4	141.4

Manual Integrations
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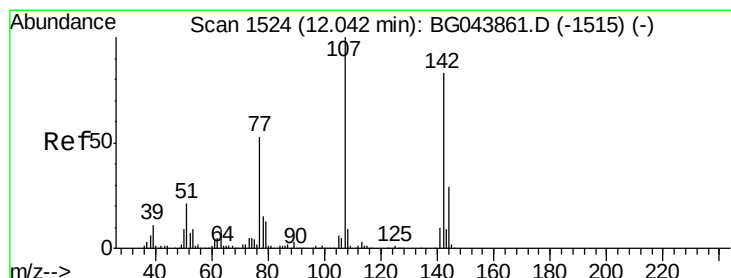
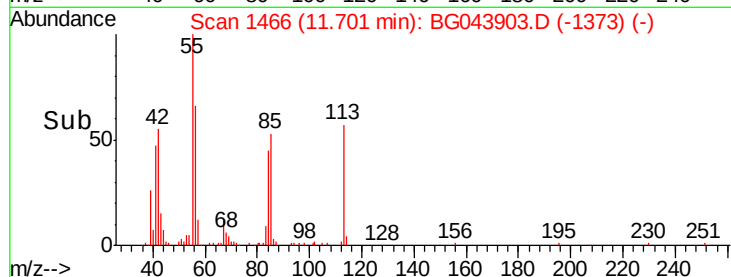
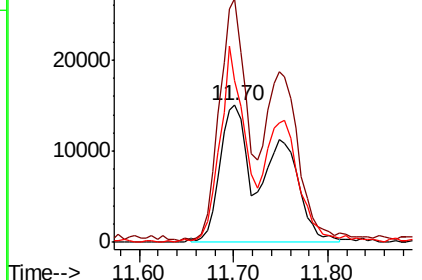
mohammad
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Abundance Ion 113.00 (112.70 to 113.70): E

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

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



#36

4-Chloro-3-methylphenol

Concen: 53.649 ng/mL

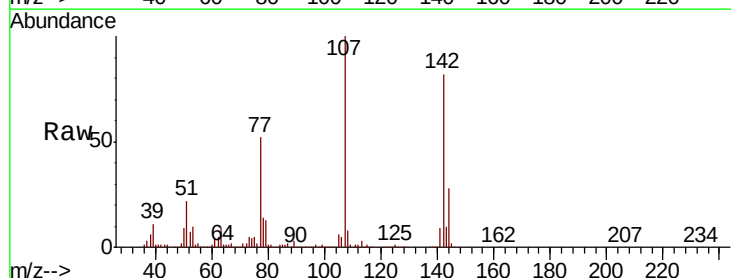
RT: 12.05 min Scan# 1525

Delta R.T. 0.01 min

Lab File: BG043903.D

Acq: 4 Jan 2020 1:09

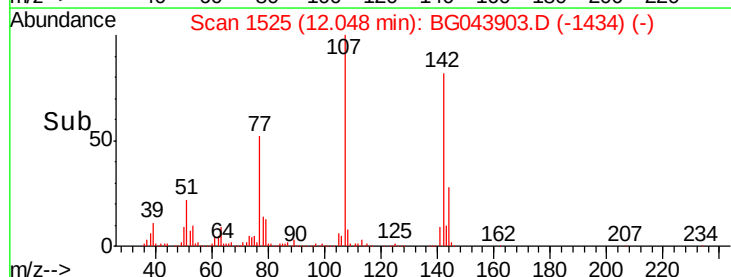
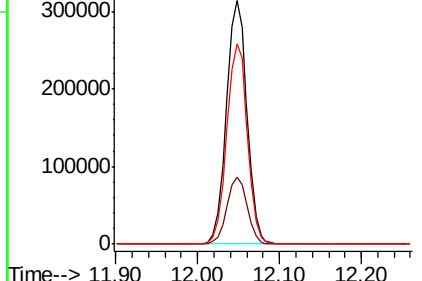
Tgt Ion:	107	Resp:	548697
Ion	Ratio	Lower	Upper
107	100		
144	27.5	23.4	35.2
142	82.2	66.3	99.5

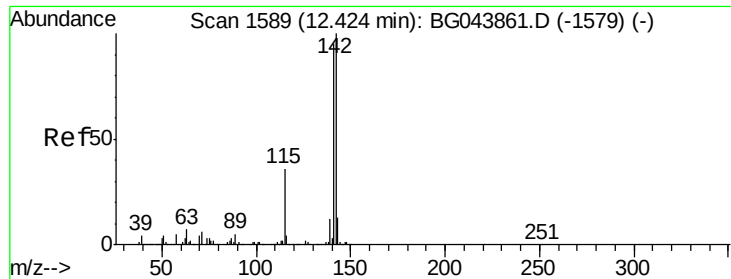


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





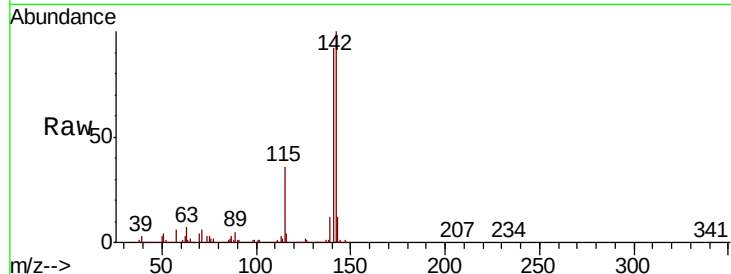
#37
2-Methylnaphthalene
Concen: 46.656 ng
RT: 12.42 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Instrument :
BNA_G
ClientSampleId :
OW-5MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.6	75.8	113.8
115	35.6	28.6	42.8

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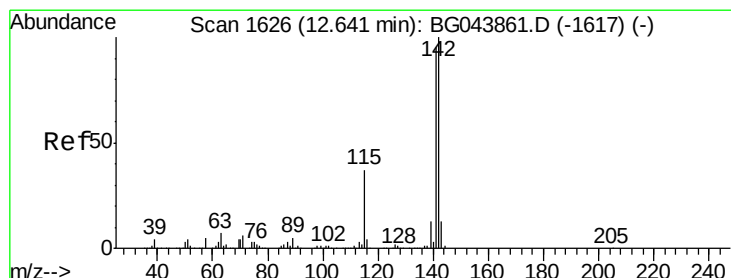
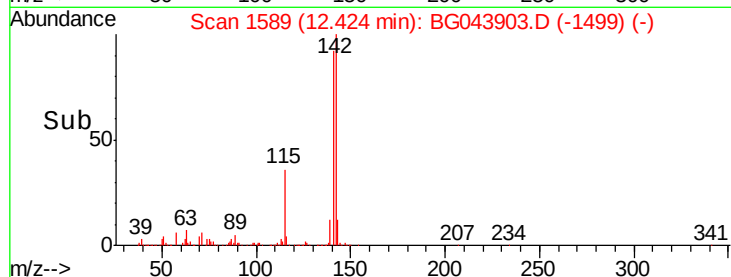
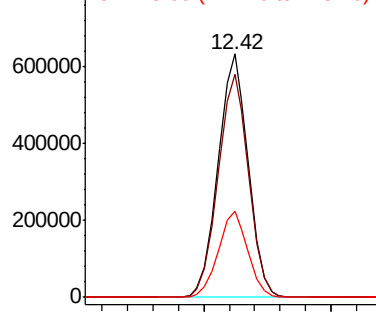


Abundance

Ion 142.00 (141.70 to 142.70): E

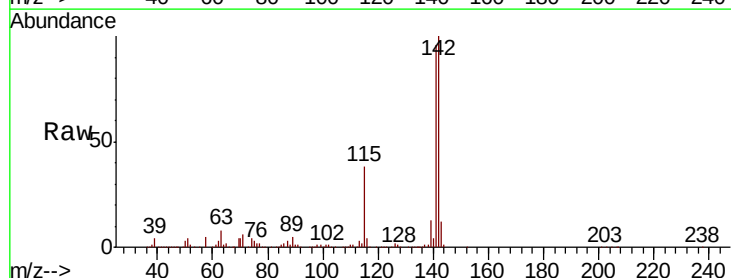
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 47.736 ng
RT: 12.64 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.2	76.0	114.0
116	4.1	3.1	4.7

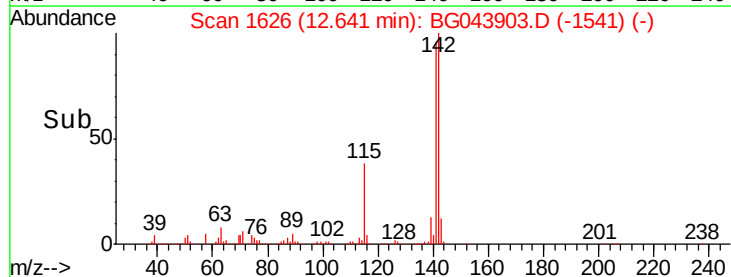
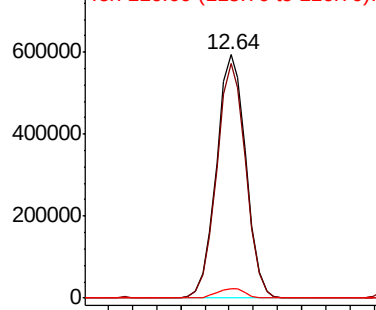


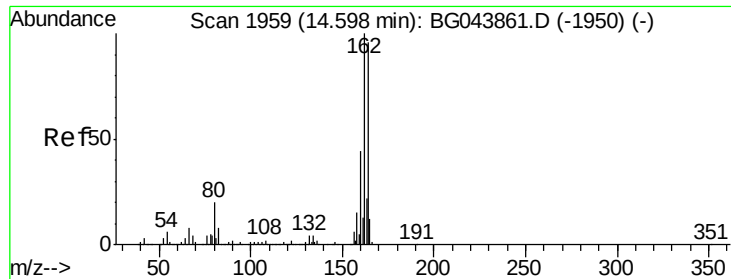
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





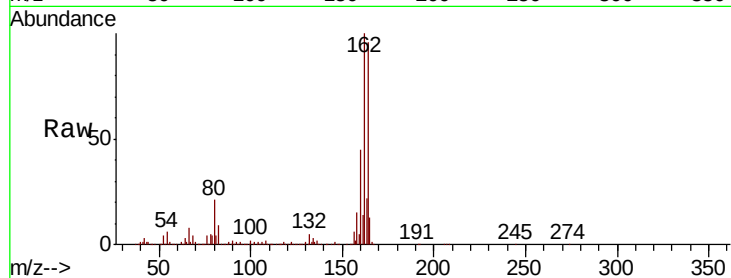
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Instrument :
BNA_G
ClientSampleId :
OW-5MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.0	124.4
160	46.3	36.1	54.1

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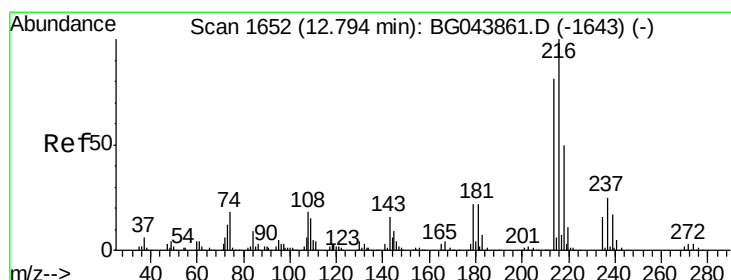
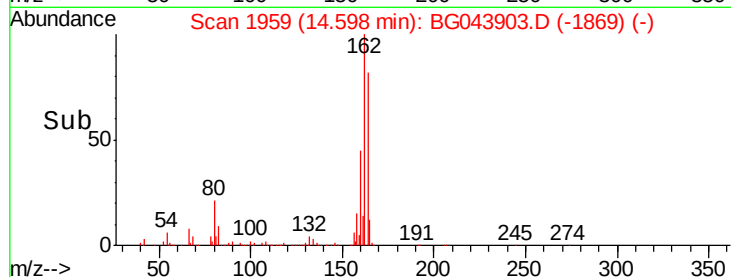
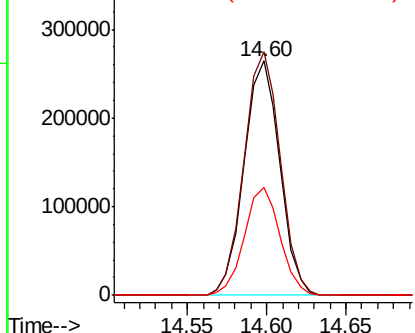


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.764 ng
RT: 12.79 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.8	95.8
179	22.1	17.3	25.9
108	20.6	15.3	22.9

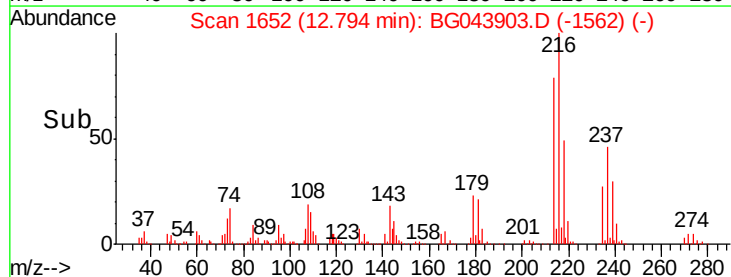
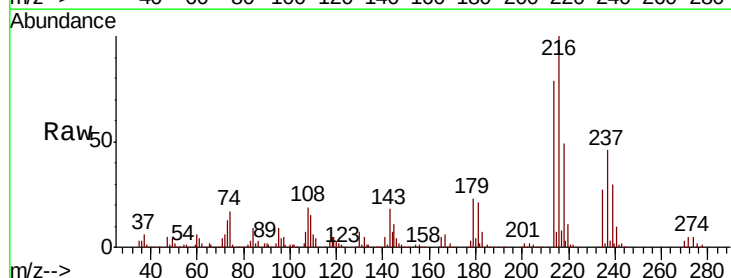
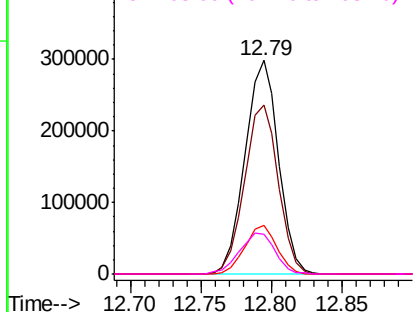
Abundance

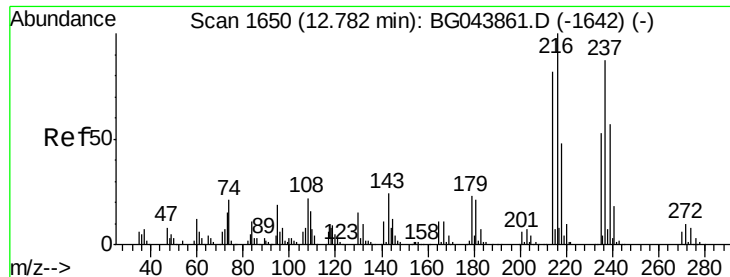
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





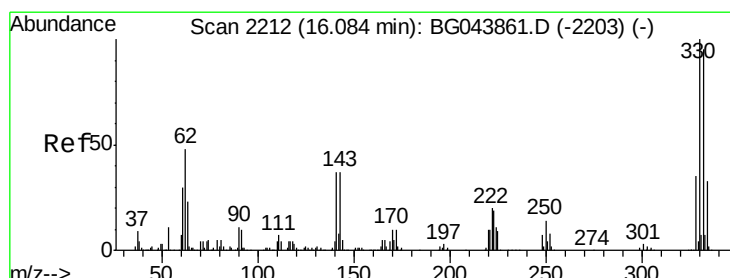
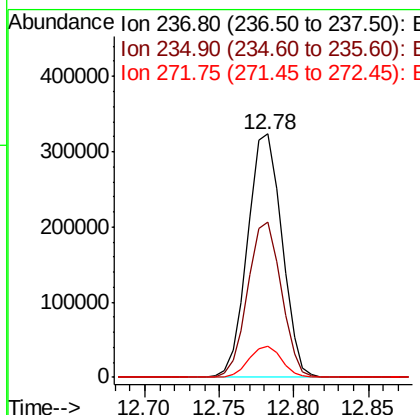
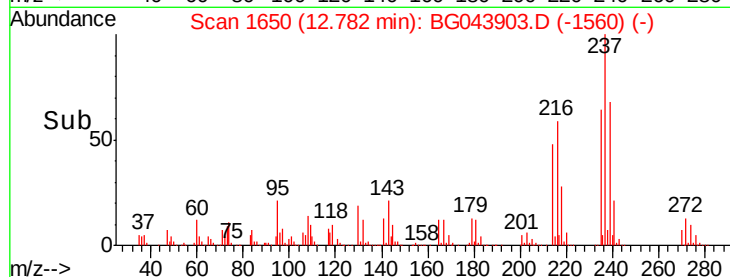
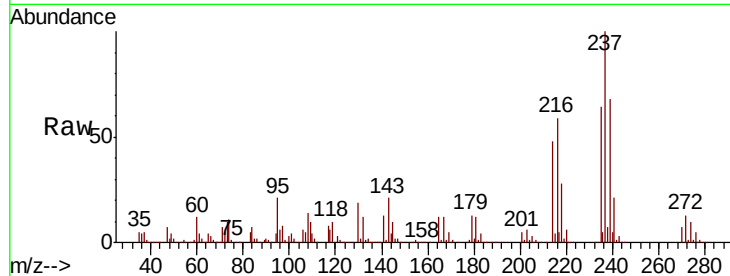
#41
Hexachlorocyclopentadiene
Concen: 81.789 ng
RT: 12.78 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Instrument :
BNA_G
ClientSampleId :
OW-5MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.5	41.1	81.1	
272	12.8	0.0	31.7	

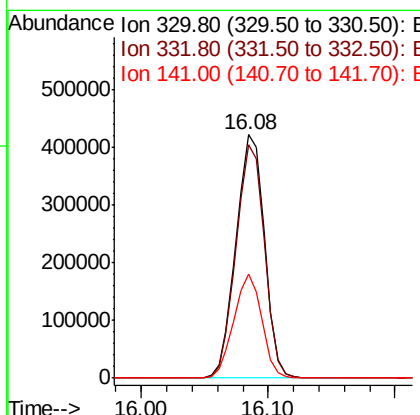
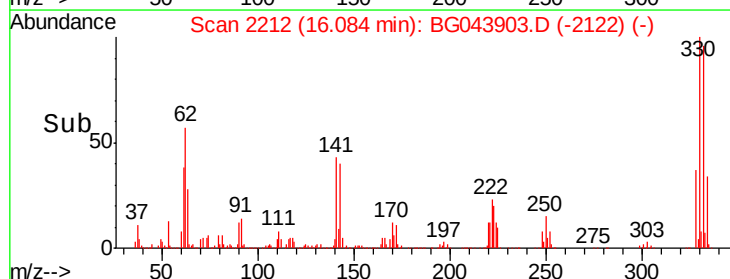
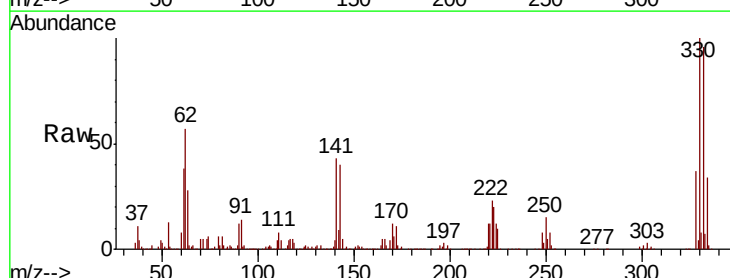
Manual Integrations
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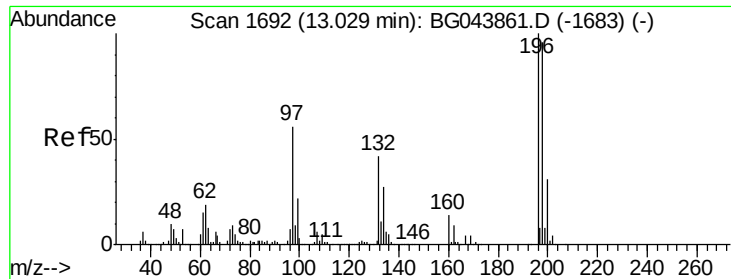
mohammad
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#42
2,4,6-Tribromophenol
Concen: 151.759 ng
RT: 16.08 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.5	77.2	115.8	
141	41.4	33.1	49.7	





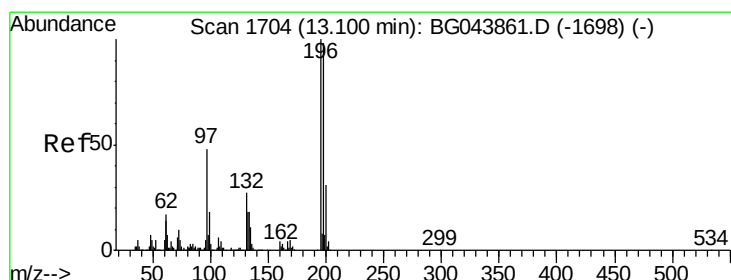
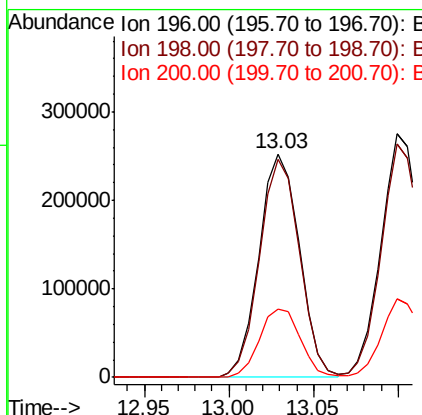
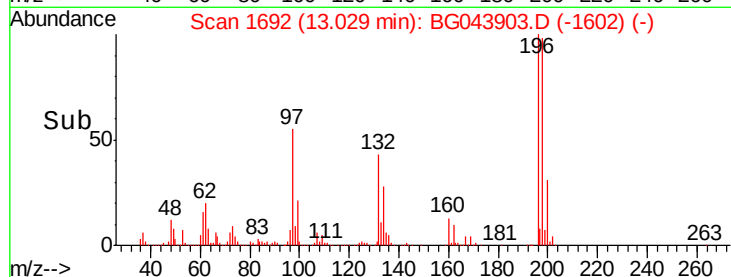
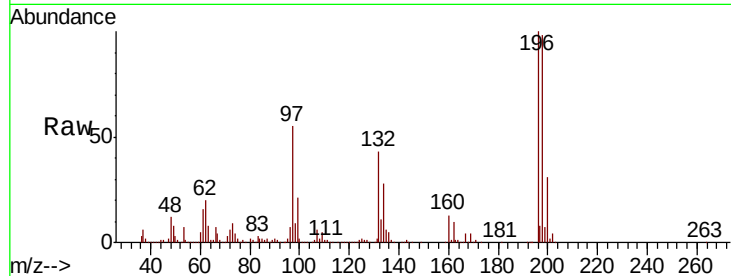
#43
 2,4,6-Trichlorophenol
 Concen: 50.059 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BG043903.D
 Acq: 4 Jan 2020 1:09

Instrument :
 BNA_G
 ClientSampled :
 OW-5MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	417836		
198	97.7	76.6	115.0	
200	30.8	24.6	37.0	

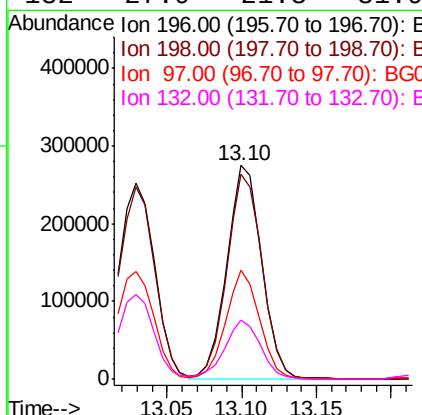
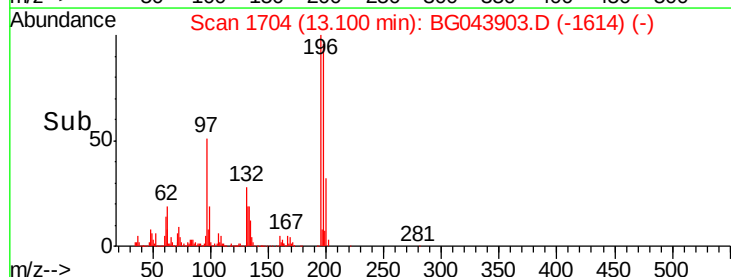
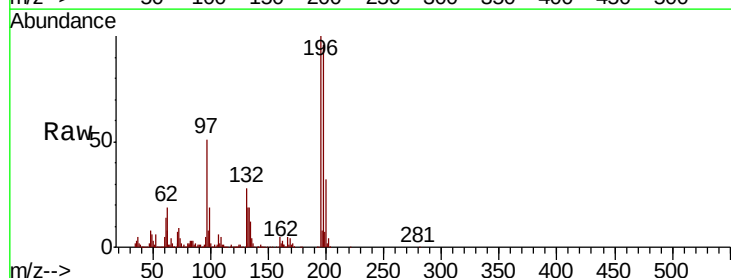
Manual Integrations
 APPROVED

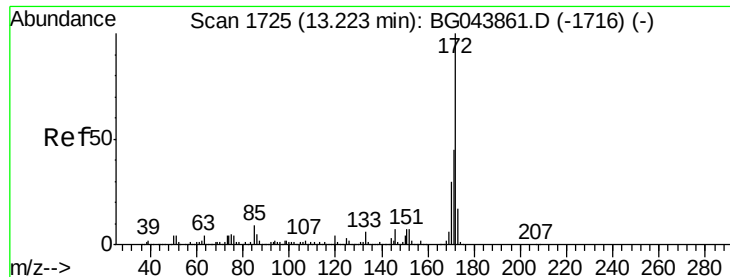
mohammad
 1/6/2020 11:41:54 AM



#44
 2,4,5-Trichlorophenol
 Concen: 51.952 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG043903.D
 Acq: 4 Jan 2020 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	447249		
198	95.9	78.3	117.5	
97	50.8	38.8	58.2	
132	27.9	21.3	31.9	





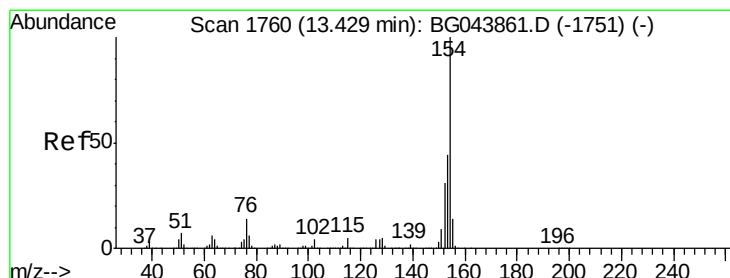
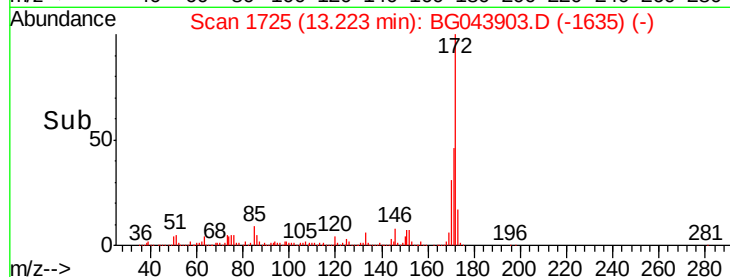
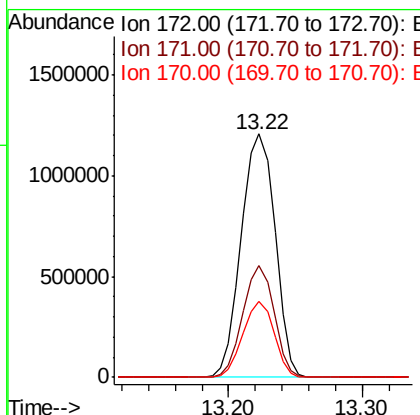
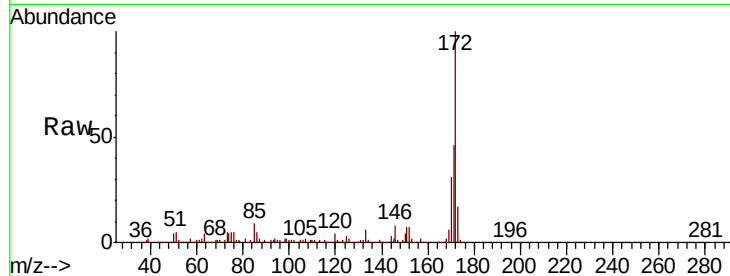
#45
2-Fluorobiphenyl
Concen: 92.887 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.00 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Instrument :
BNA_G
ClientSampleId :
OW-5MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	45.7	35.8	53.8
170	31.3	24.2	36.4

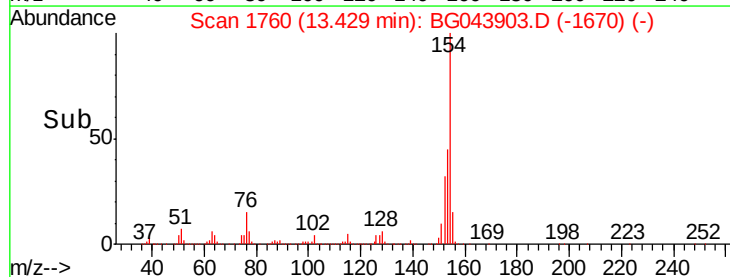
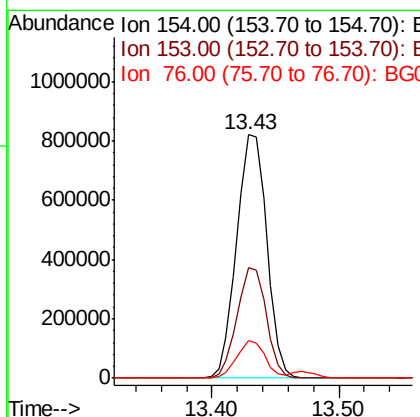
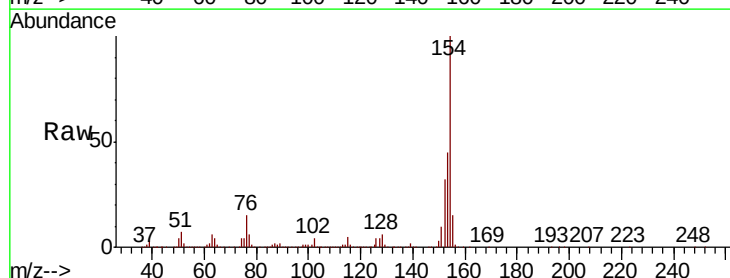
Manual Integrations
APPROVED

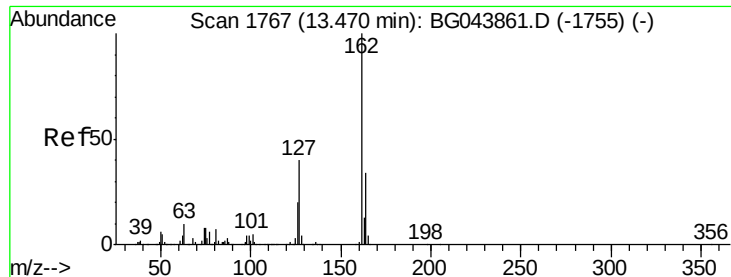
mohammad
1/6/2020 11:41:54 AM



#46
1,1'-Biphenyl
Concen: 45.585 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	45.4	23.6	63.6
76	15.2	0.0	34.4





#47

2-Chloronaphthalene

Concen: 44.190 ng

RT: 13.47 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BG043903.D

Acq: 4 Jan 2020 1:09

Instrument :

BNA_G

ClientSampleId :

OW-5MS

Tot Ion: 162 Resp: 1059613

Ion Ratio Lower Upper

162 100

127 40.0 32.1 48.1

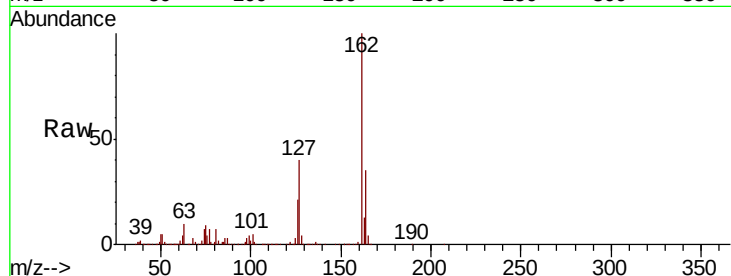
164 35.0 27.5 41.3

Manual Integrations

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Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

13.47

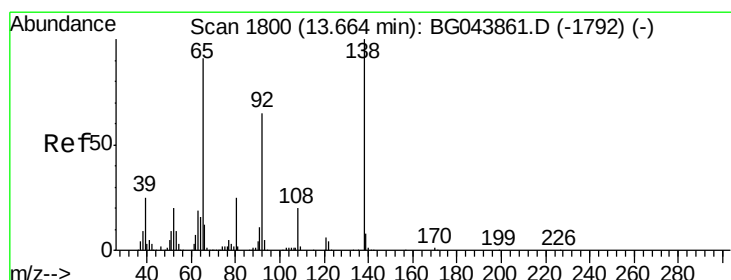
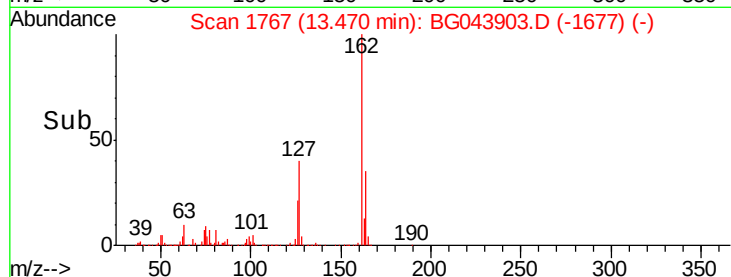
600000

400000

200000

0

Time-->



#48

2-Nitroaniline

Concen: 46.114 ng

RT: 13.67 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BG043903.D

Acq: 4 Jan 2020 1:09

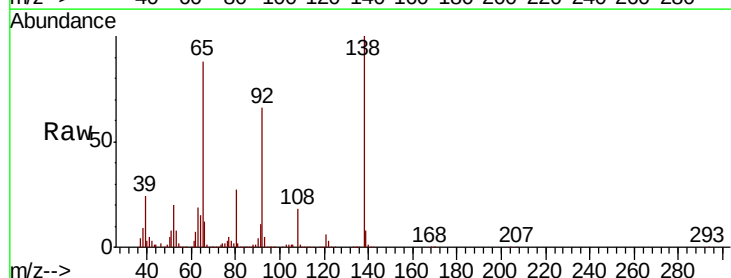
Tgt Ion: 65 Resp: 355686

Ion Ratio Lower Upper

65 100

92 74.3 57.4 86.2

138 113.0 88.2 132.4



Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E

13.67

300000

250000

200000

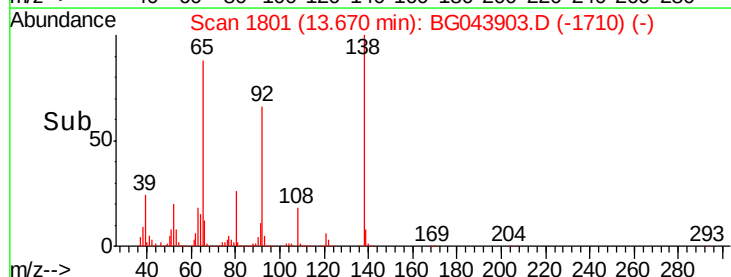
150000

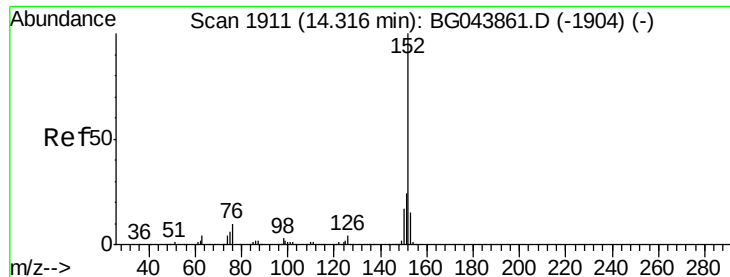
100000

50000

0

Time-->





#49

Acenaphthylene

Concen: 47.843 ng

RT: 14.32 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BG043903.D

Acq: 4 Jan 2020 1:09

Instrument :

BNA_G

ClientSampleId :

OW-5MS

Tot Ion:152 Resp: 1648871

Ion Ratio Lower Upper

152 100

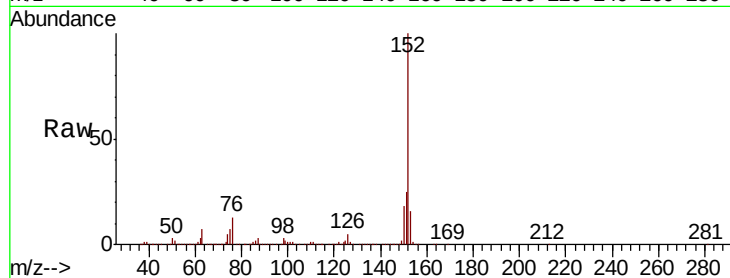
151 25.2 19.4 29.2

153 16.1 12.0 18.0

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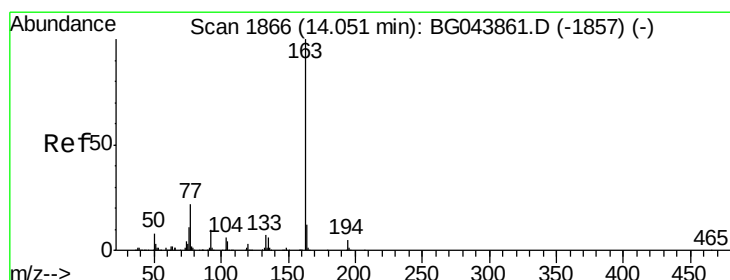
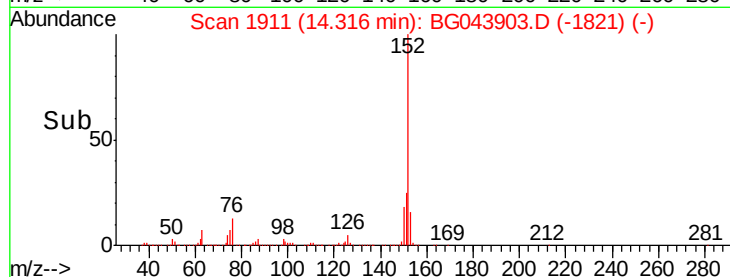
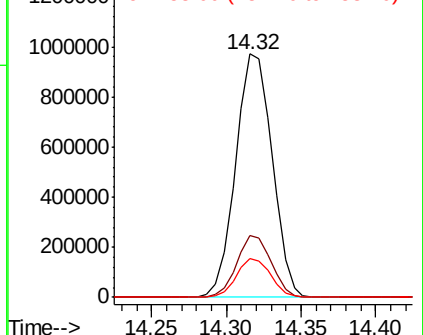


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 52.436 ng

RT: 14.06 min Scan# 1867

Delta R.T. 0.01 min

Lab File: BG043903.D

Acq: 4 Jan 2020 1:09

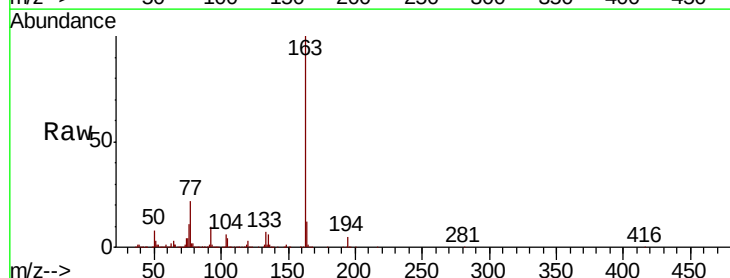
Tgt Ion:163 Resp: 1540938

Ion Ratio Lower Upper

163 100

194 4.6 3.7 5.5

164 12.0 9.3 13.9

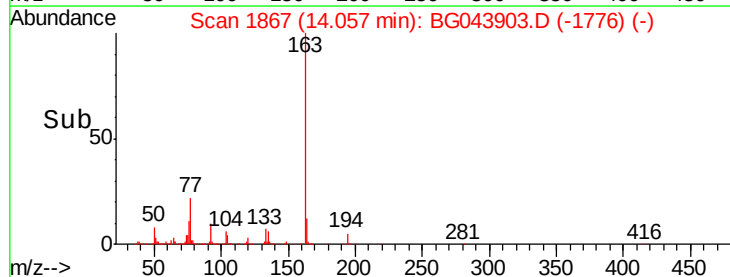
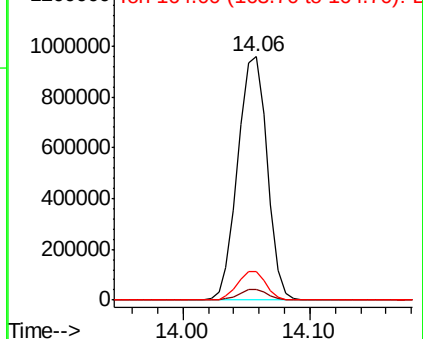


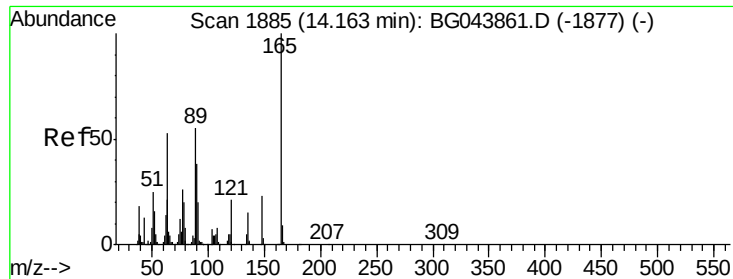
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





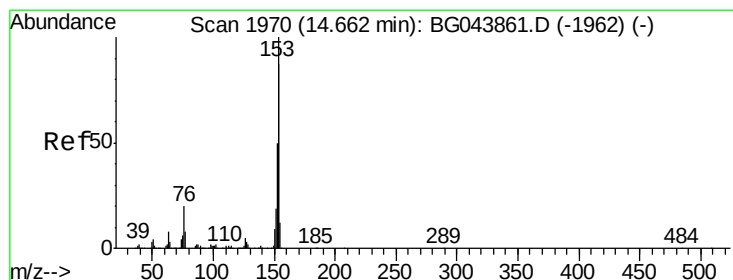
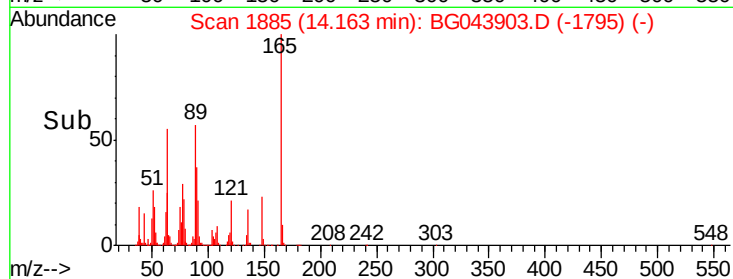
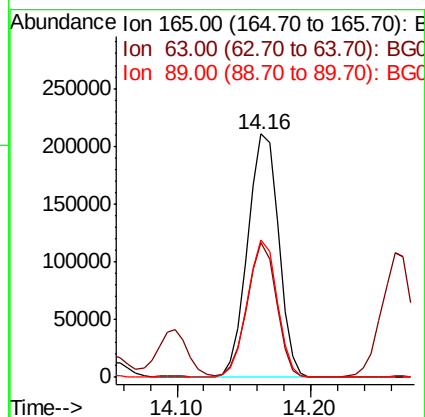
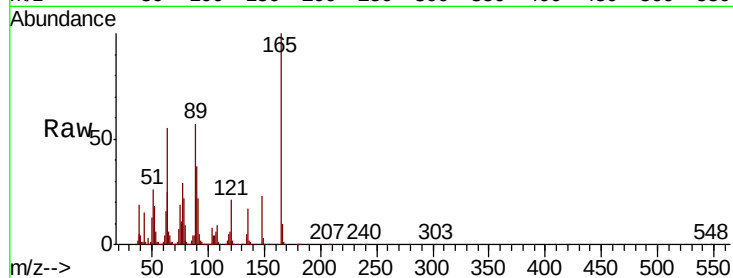
#51
2,6-Dinitrotoluene
Concen: 50.604 ng
RT: 14.16 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Instrument :
BNA_G
ClientSampleId :
OW-5MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.3	43.1	64.7
89	56.6	43.8	65.6

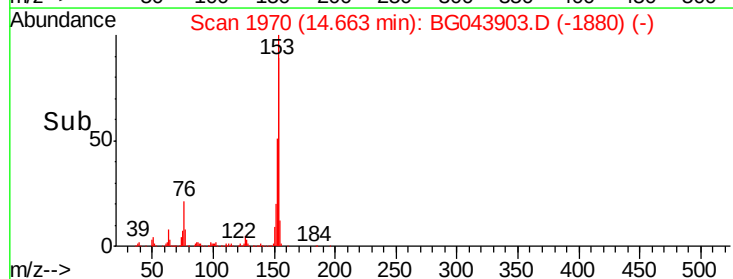
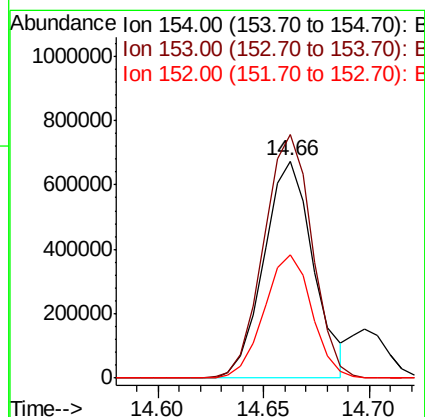
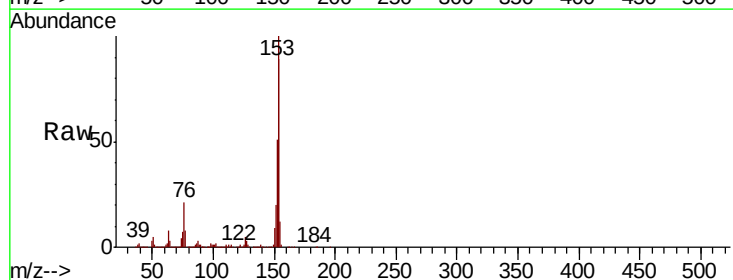
Manual Integrations
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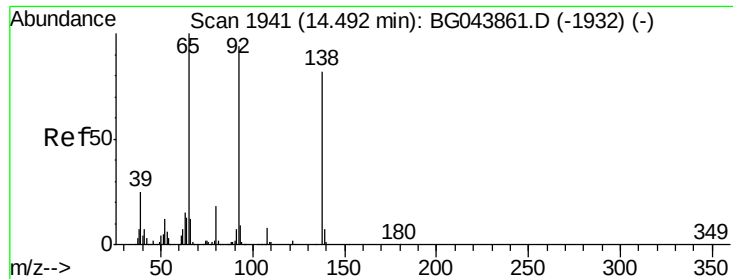
mohammad
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#52
Acenaphthene
Concen: 45.334 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	91.6	137.4
152	57.1	45.4	68.0





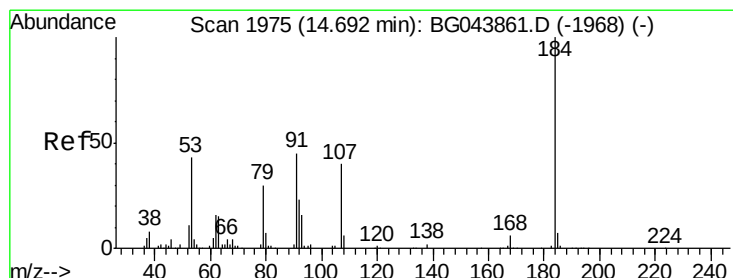
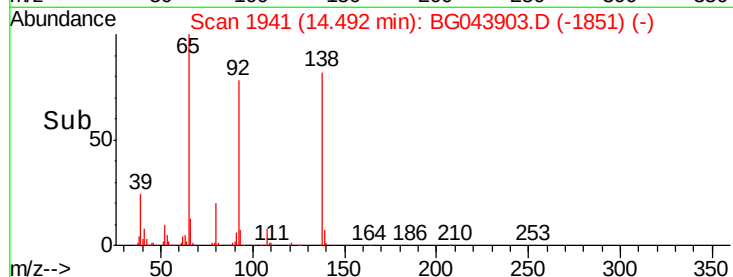
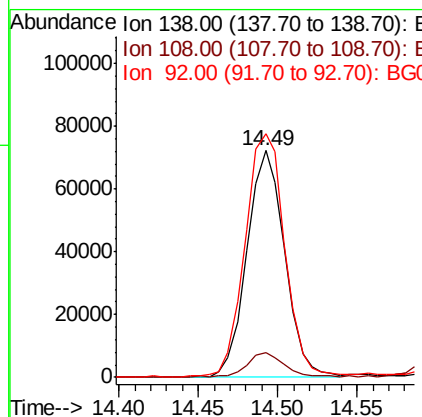
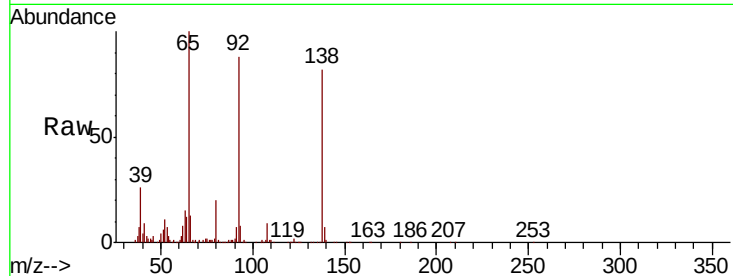
#53
3-Nitroaniline
Concen: 15.881 ng
RT: 14.49 min Scan# 1941
Delta R.T. 0.00 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Instrument :
BNA_G
ClientSampleId :
OW-5MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	7.4	11.2
92	107.4	92.1	138.1

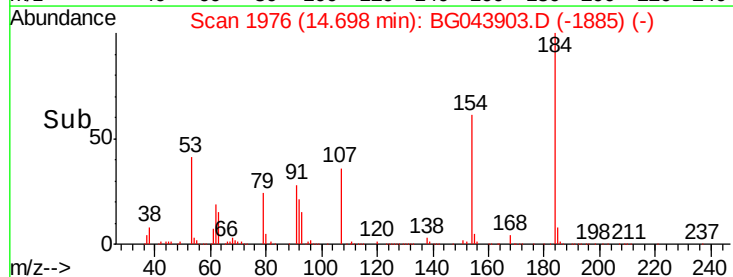
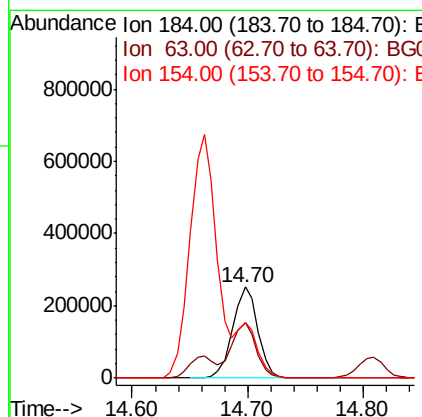
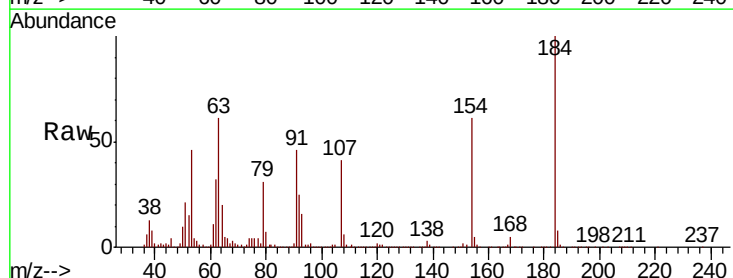
Manual Integrations
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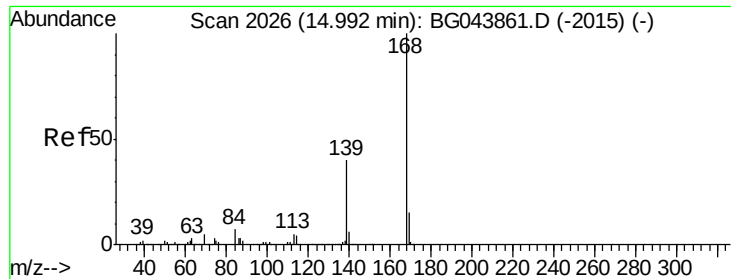
mohammad
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#54
2,4-Dinitrophenol
Concen: 110.104 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.5	46.6	70.0
154	61.2	50.2	75.4





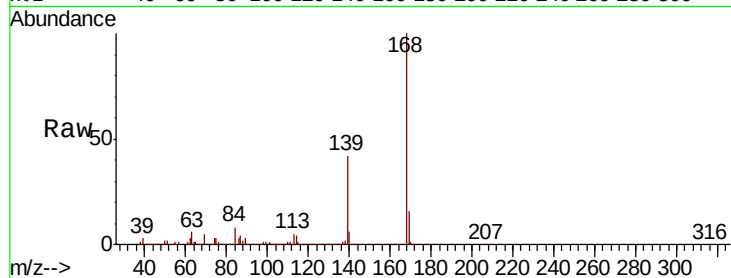
#55
Dibenzenofuran
Concen: 48.272 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Instrument :
BNA_G
ClientSampled :
OW-5MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.3	32.2	48.2
169	16.1	12.2	18.2

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1/6/2020 11:41:54 AM

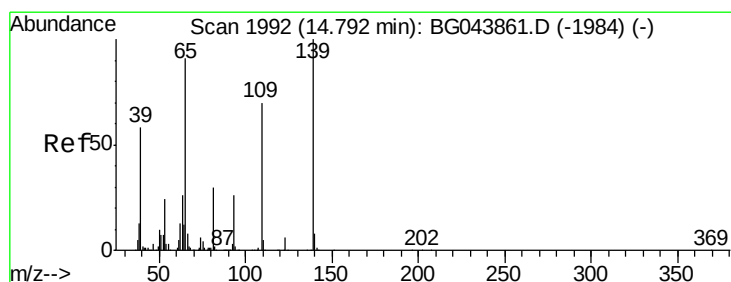
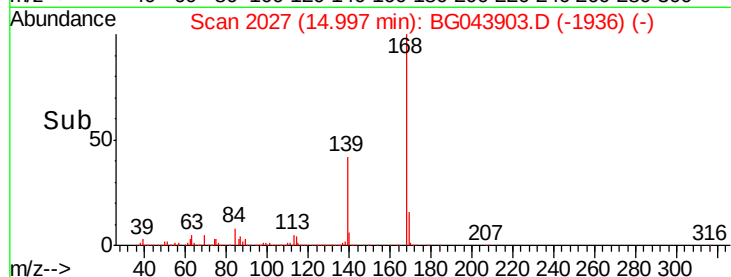
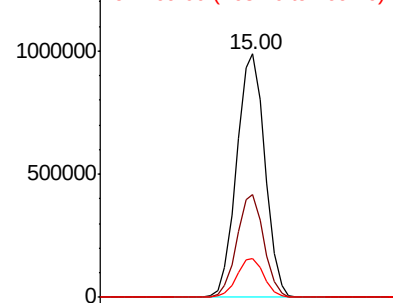


Abundance

Ion 168.00 (167.70 to 168.70): E

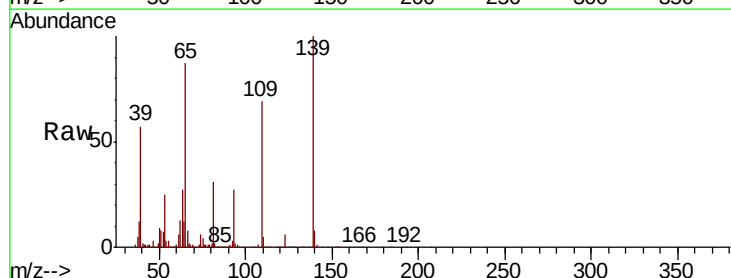
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 59.379 ng
RT: 14.81 min Scan# 1995
Delta R.T. 0.02 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.7	50.4	90.4
65	87.5	71.4	111.4

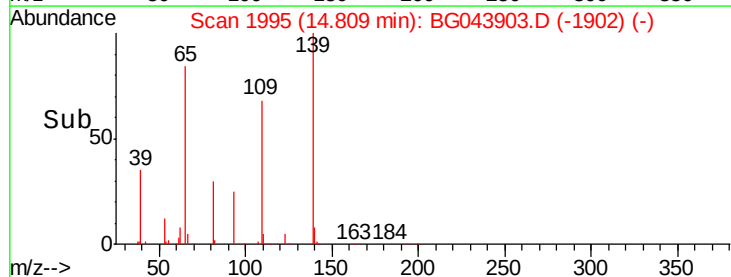
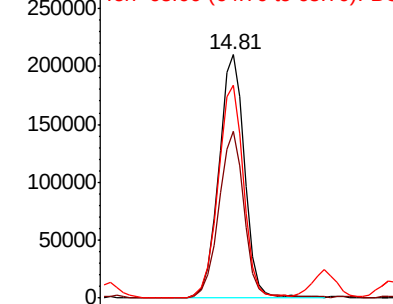


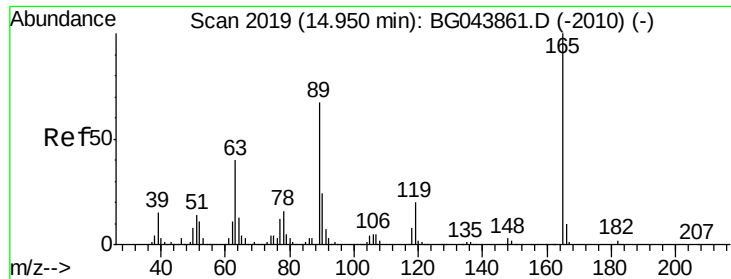
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





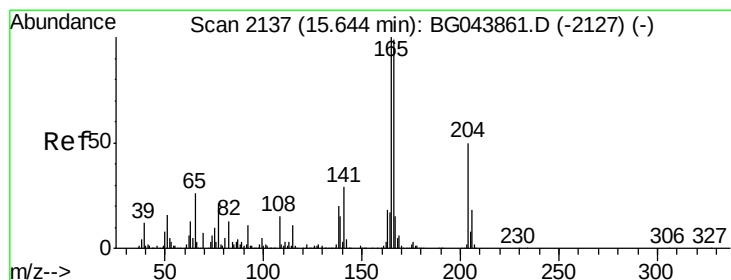
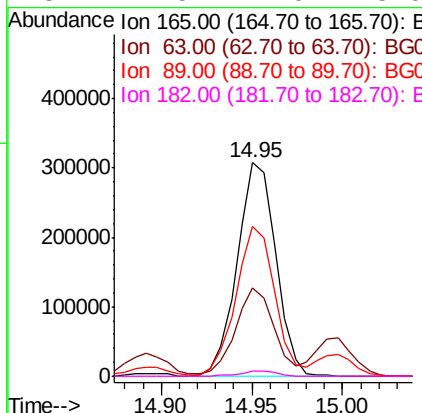
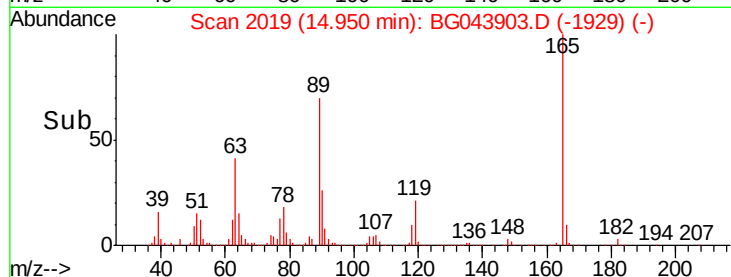
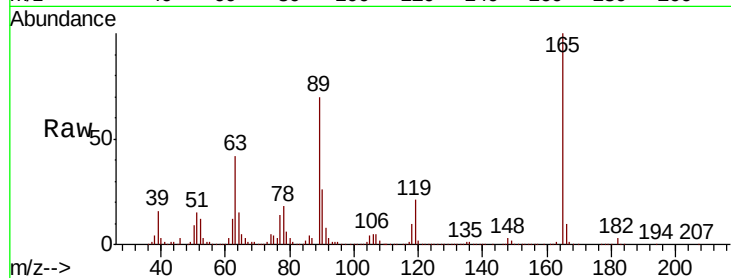
#57
2,4-Dinitrotoluene
Concen: 50.456 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Instrument :
BNA_G
ClientSampled :
OW-5MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	456015		
63	41.5		31.9	47.9
89	70.4		53.8	80.6
182	2.5		2.0	3.0

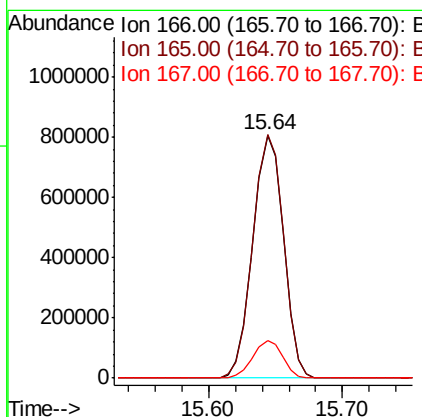
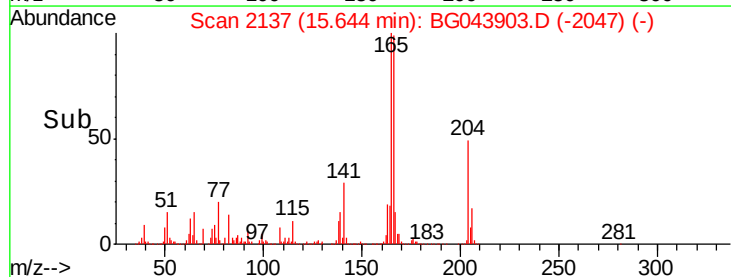
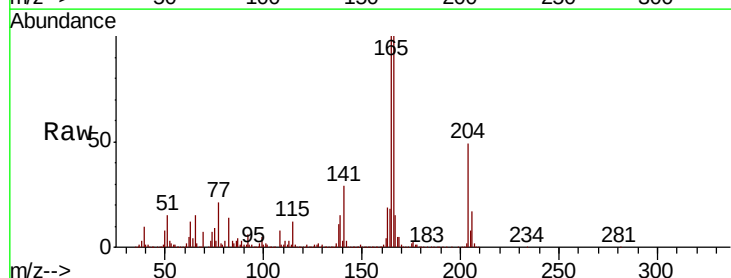
Manual Integrations
APPROVED

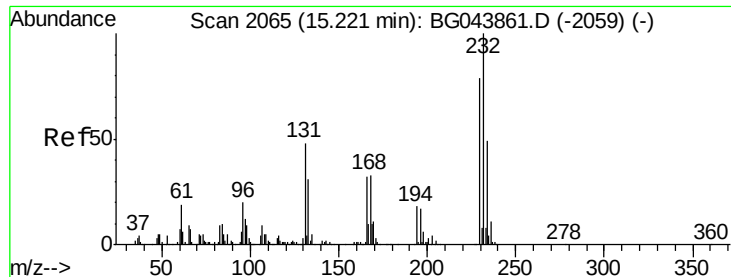
mohammad
1/6/2020 11:41:54 AM



#58
Fluorene
Concen: 48.477 ng
RT: 15.64 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1278411		
165	100.4		80.8	121.2
167	15.4		12.1	18.1





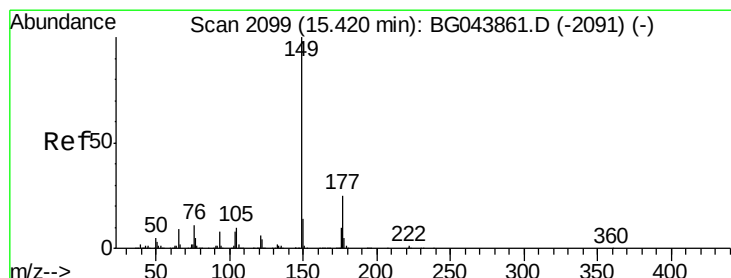
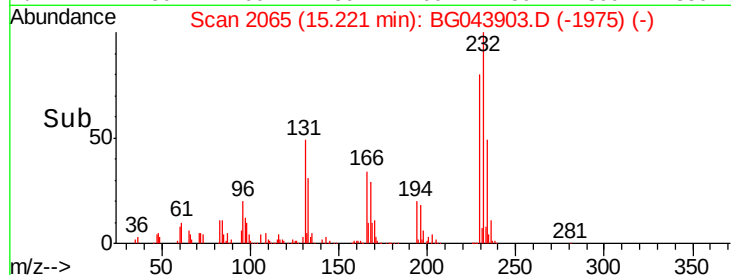
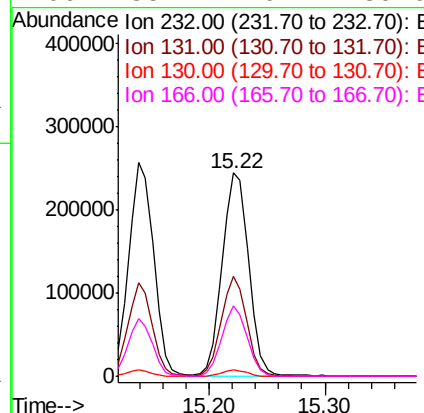
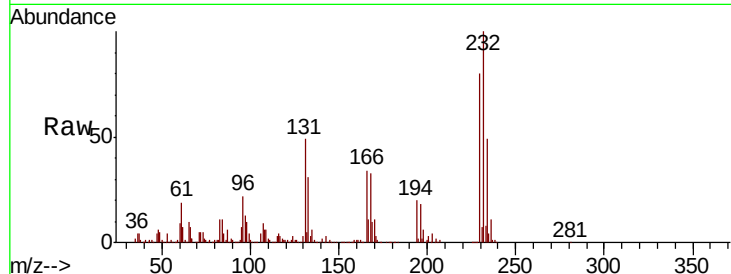
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.179 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: BG043903.D
 Acq: 4 Jan 2020 1:09

Instrument :
 BNA_G
 ClientSampleId :
 OW-5MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	386260		
131	47.4	38.2	57.2	
130	2.8	2.2	3.2	
166	33.1	26.4	39.6	

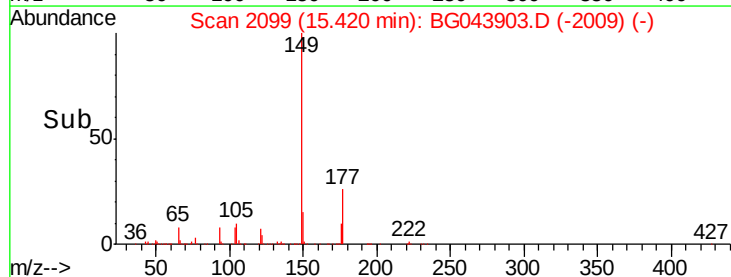
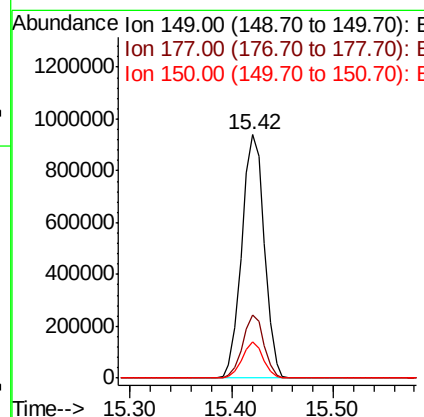
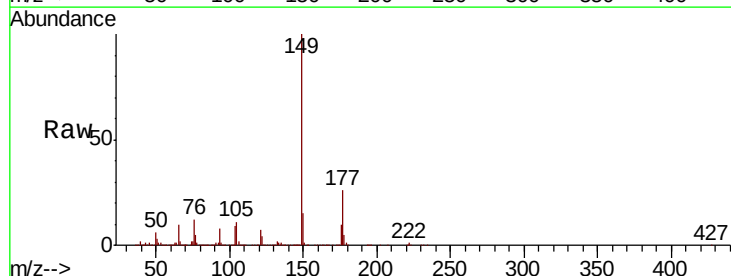
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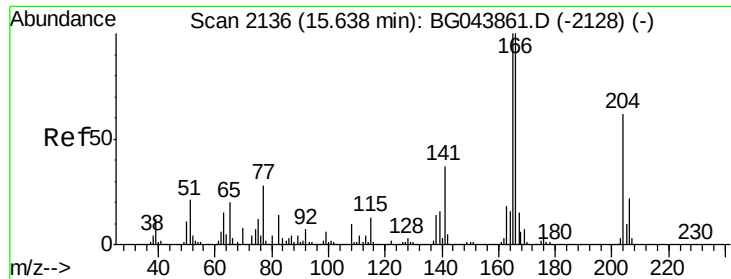
mohammad
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#60
 Diethylphthalate
 Concen: 49.273 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BG043903.D
 Acq: 4 Jan 2020 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1448264		
177	25.9	20.0	30.0	
150	14.7	11.1	16.7	





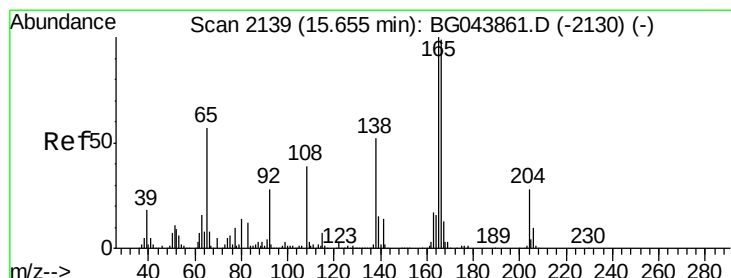
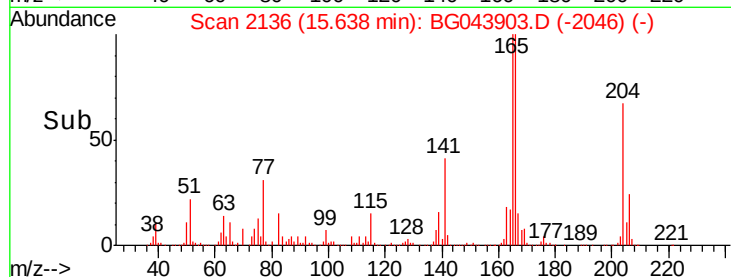
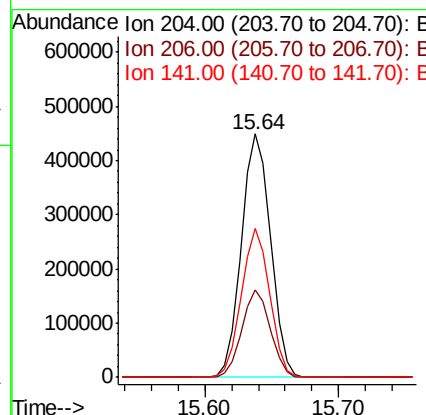
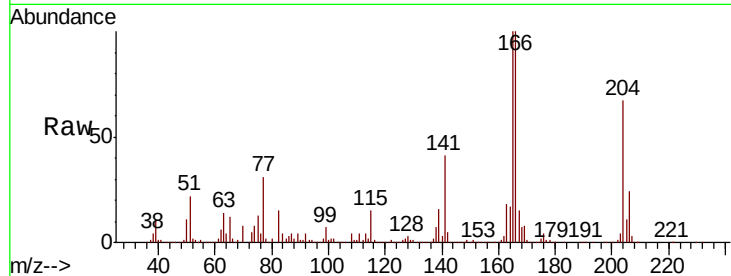
#61
 4-Chlorophenyl-phenylether
 Concen: 47.277 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. 0.00 min
 Lab File: BG043903.D
 Acq: 4 Jan 2020 1:09

Instrument :
 BNA_G
 ClientSampleId :
 OW-5MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	676998		
206	35.8	28.2	42.2	
141	61.3	48.2	72.2	

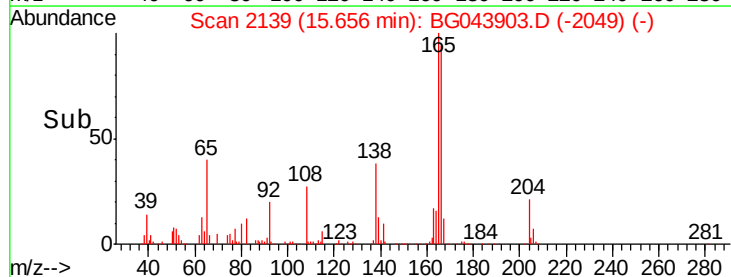
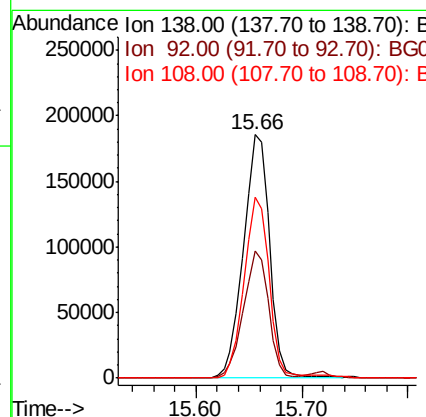
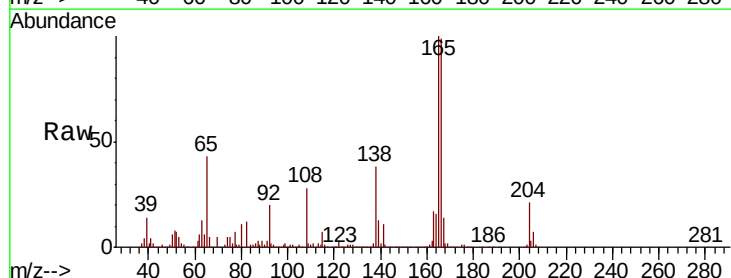
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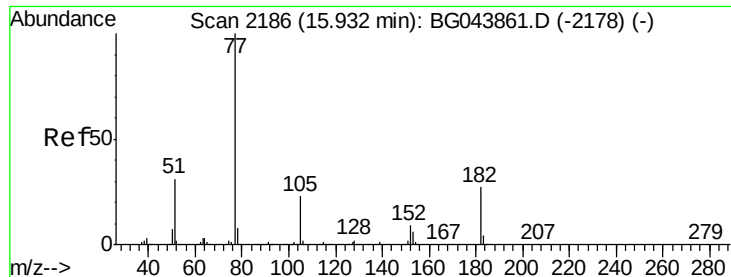
mohammad
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#62
 4-Nitroaniline
 Concen: 42.826 ng
 RT: 15.66 min Scan# 2139
 Delta R.T. 0.00 min
 Lab File: BG043903.D
 Acq: 4 Jan 2020 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	318991		
92	52.3	34.3	74.3	
108	74.4	55.0	95.0	





#63

Azobenzene

Concen: 50.066 ng

RT: 15.93 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BG043903.D

Acq: 4 Jan 2020 1:09

Instrument :

BNA_G

ClientSampleId :

OW-5MS

Tot Ion: 77 Resp: 1364717

Ion Ratio Lower Upper

77 100

182 27.7 7.3 47.3

105 24.8 3.2 43.2

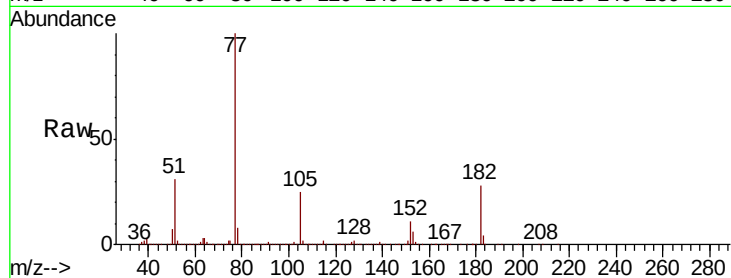
51 31.2 10.6 50.6

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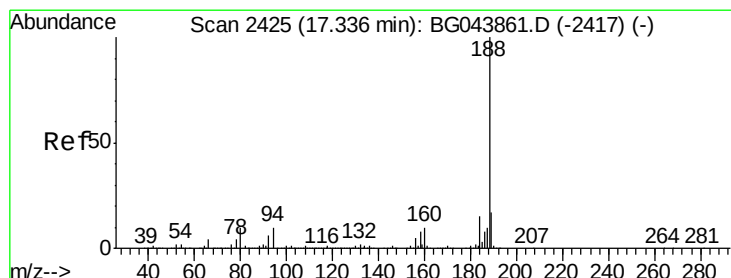
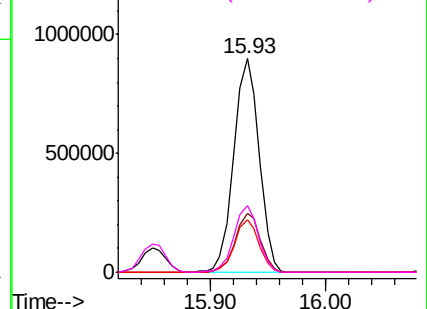
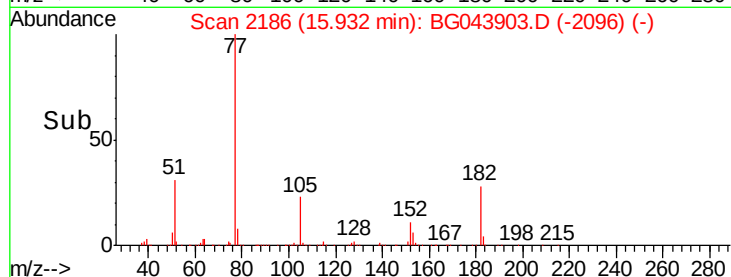


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2426

Delta R.T. 0.01 min

Lab File: BG043903.D

Acq: 4 Jan 2020 1:09

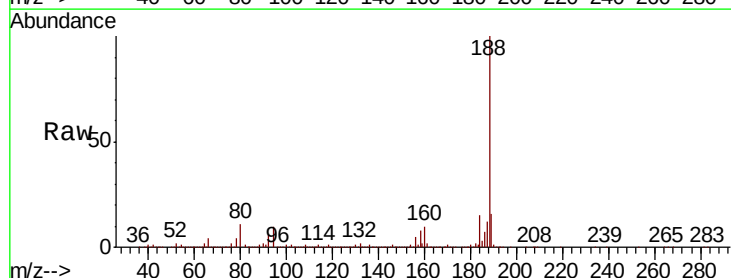
Tgt Ion: 188 Resp: 854254

Ion Ratio Lower Upper

188 100

94 10.0 7.9 11.9

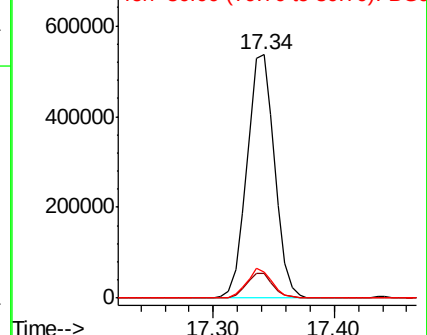
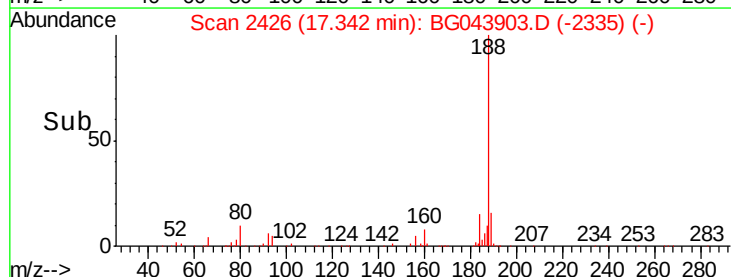
80 10.9 8.2 12.4

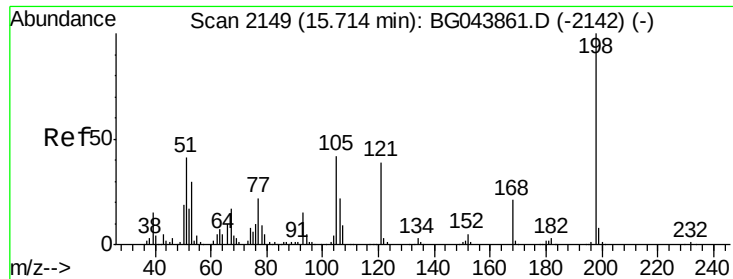


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





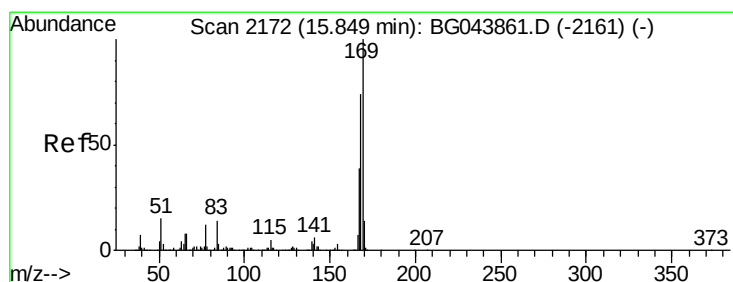
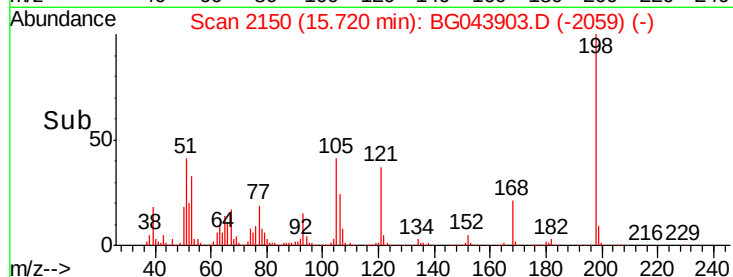
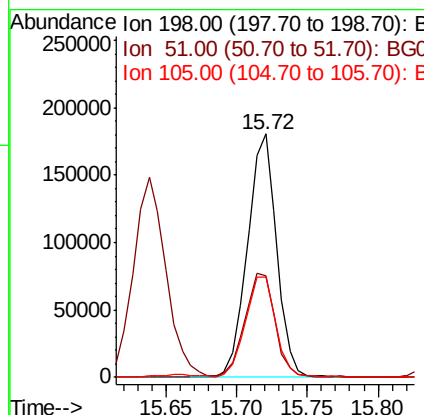
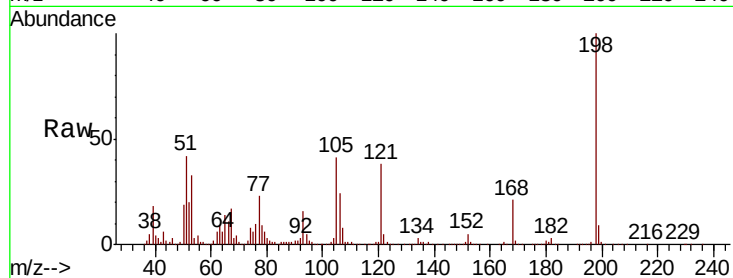
#65
 4,6-Dinitro-2-methylphenol
 Concen: 58.240 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. 0.01 min
 Lab File: BG043903.D
 Acq: 4 Jan 2020 1:09

Instrument :
 BNA_G
 ClientSampleId :
 OW-5MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	260869		
51	41.9		22.5	62.5
105	41.2		22.3	62.3

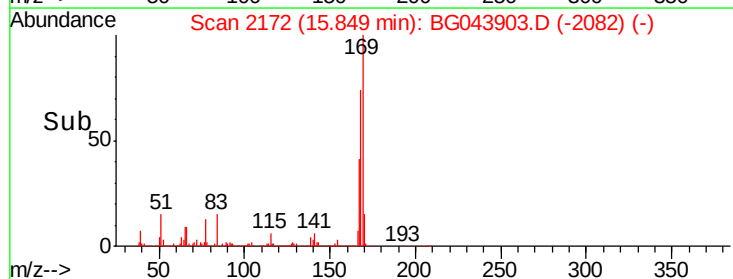
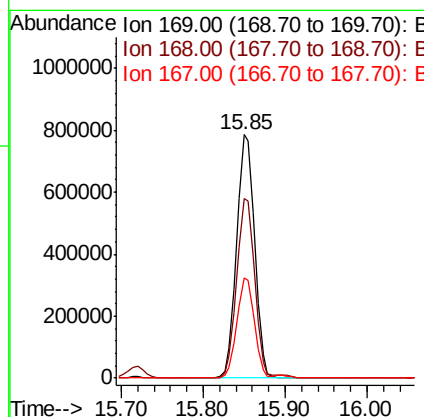
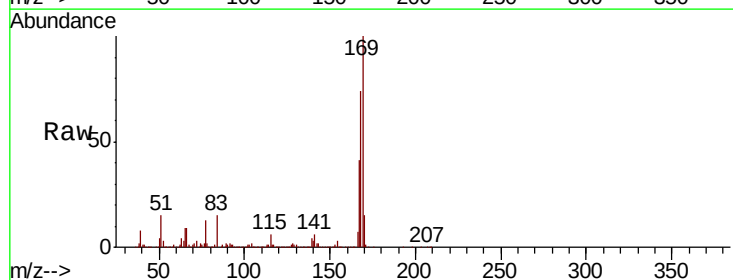
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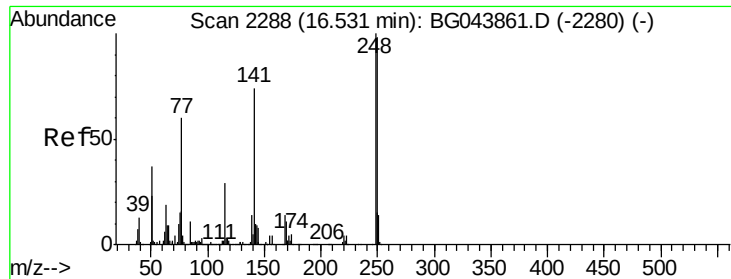
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 48.025 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: BG043903.D
 Acq: 4 Jan 2020 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1208151		
168	74.0		59.0	88.6
167	41.2		31.4	47.0





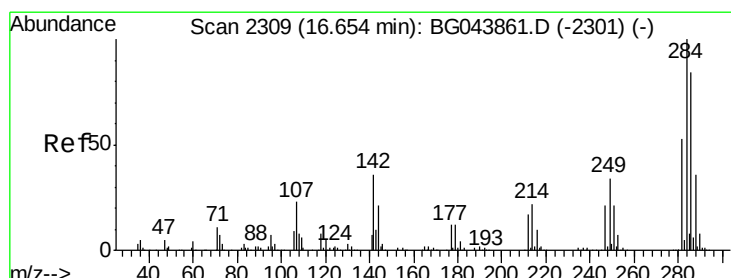
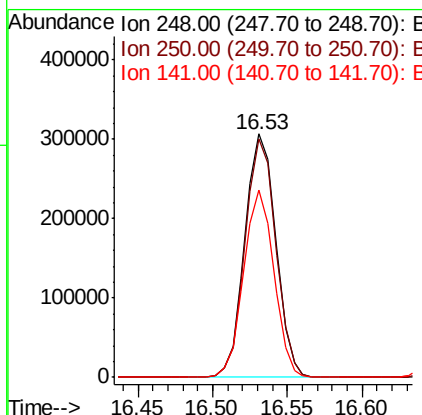
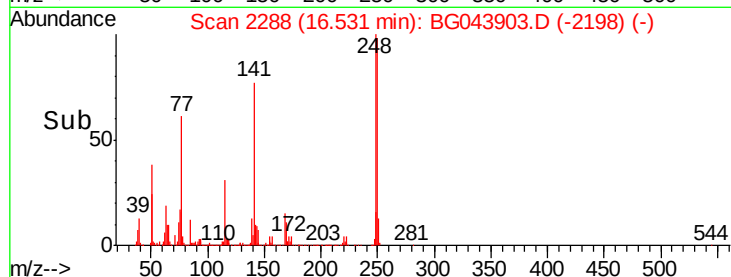
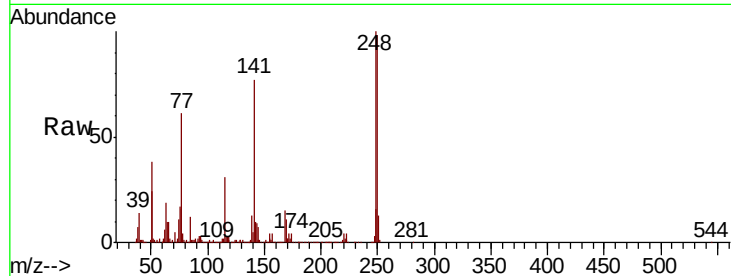
#67
4-Bromophenyl-phenylether
Concen: 45.900 ng
RT: 16.53 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Instrument :
BNA_G
ClientSampleId :
OW-5MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.2	117.2
141	76.7	59.3	88.9

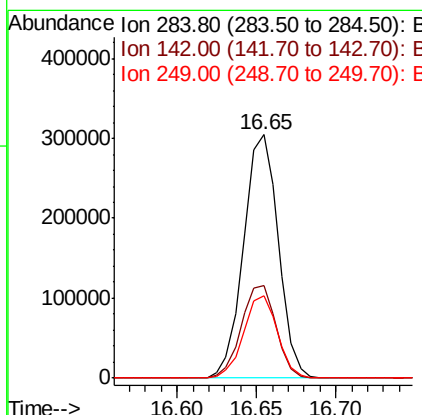
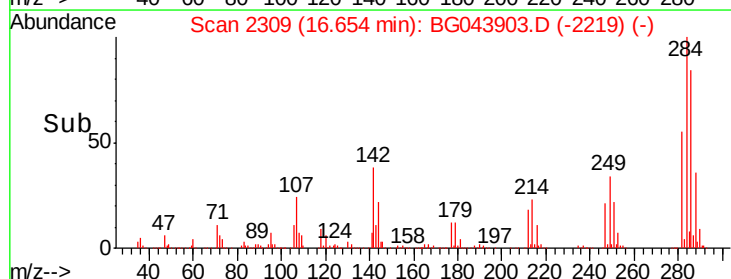
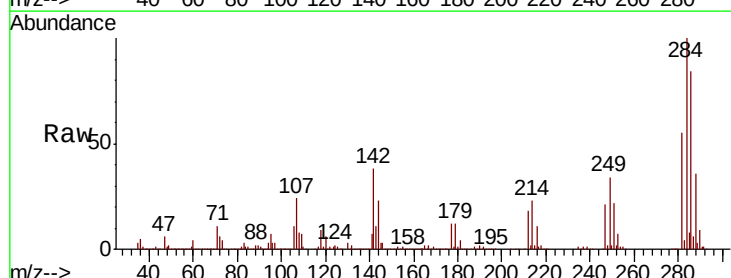
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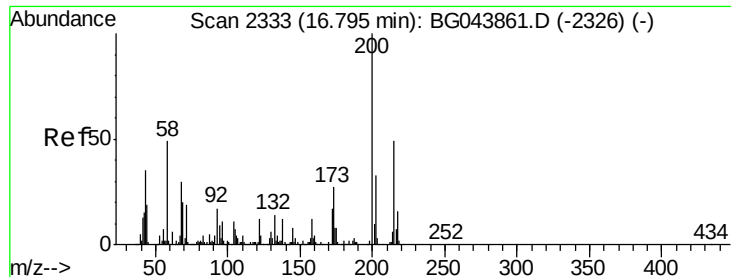
mohammad
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#68
Hexachlorobenzene
Concen: 44.815 ng
RT: 16.65 min Scan# 2309
Delta R.T. 0.00 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.8	28.6	43.0
249	34.0	27.0	40.6





#69

Atrazine

Concen: 55.129 ng

RT: 16.81 min Scan# 2335

Delta R.T. 0.01 min

Lab File: BG043903.D

Acq: 4 Jan 2020 1:09

Instrument :

BNA_G

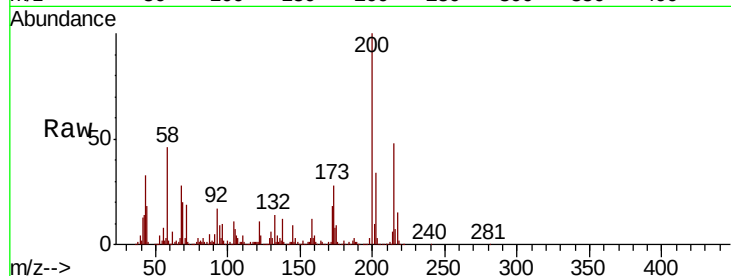
ClientSampleId :

OW-5MS

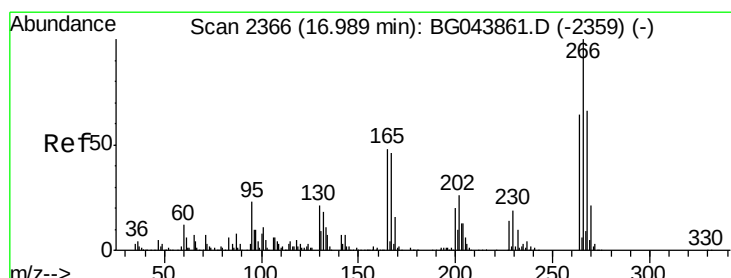
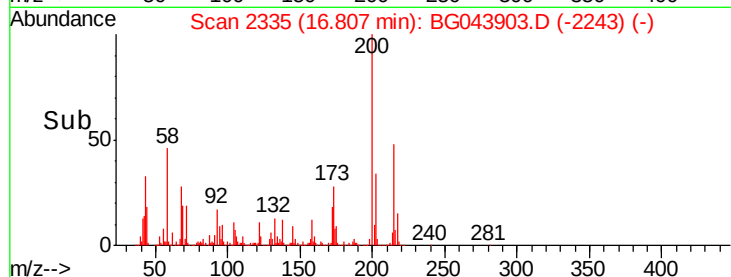
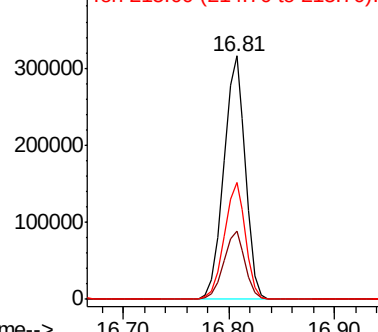
Tot Ion:	200	Resp:	450802
Ion Ratio	Lower	Upper	
200	100		
173	27.9	6.6	46.6
215	47.9	28.6	68.6

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Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 102.607 ng

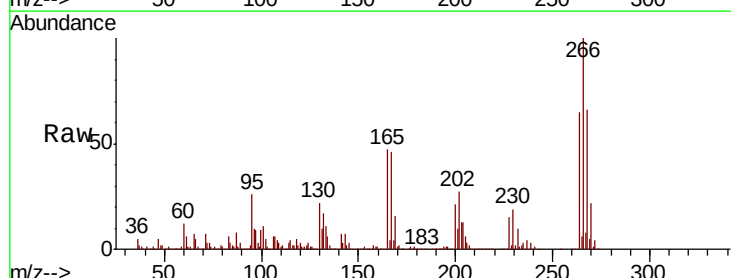
RT: 17.00 min Scan# 2367

Delta R.T. 0.01 min

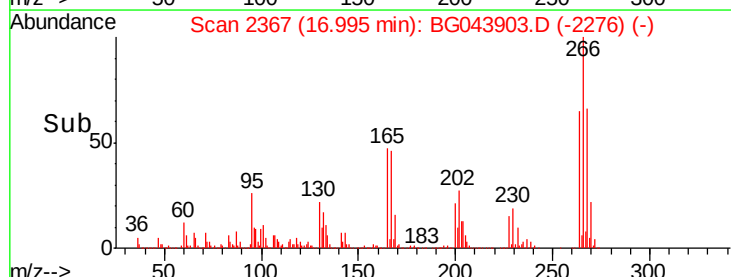
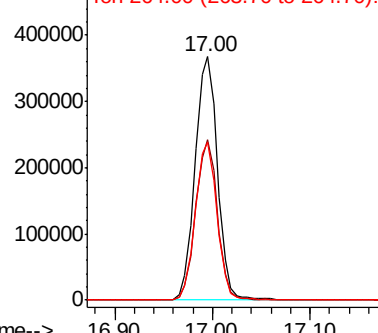
Lab File: BG043903.D

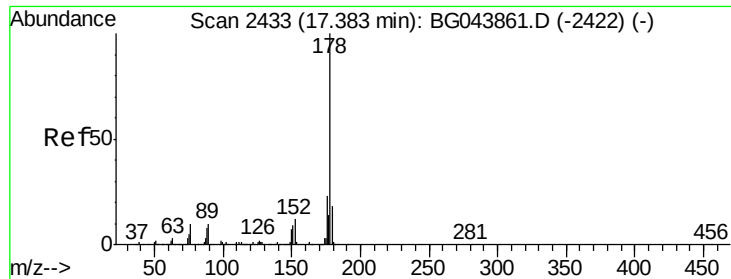
Acq: 4 Jan 2020 1:09

Tgt Ion:	266	Resp:	585569
Ion Ratio	Lower	Upper	
266	100		
268	66.0	52.6	79.0
264	64.6	50.8	76.2



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





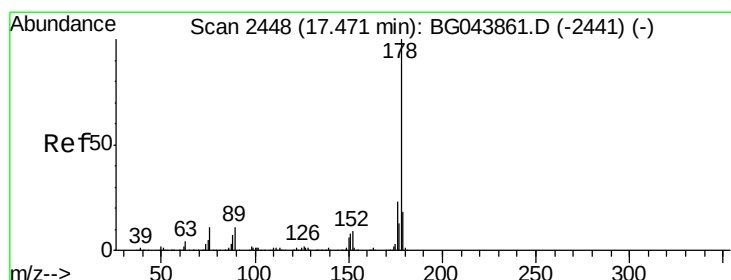
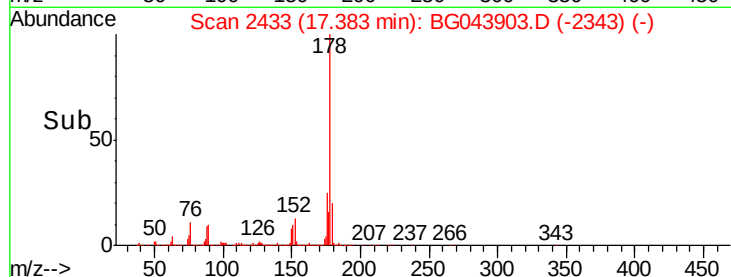
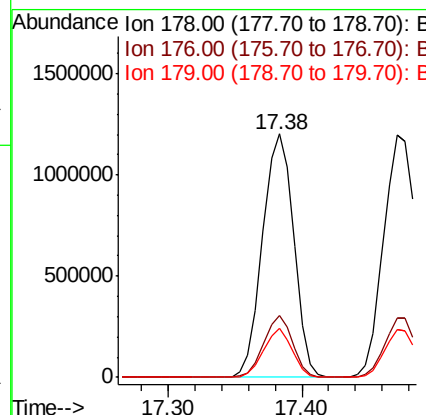
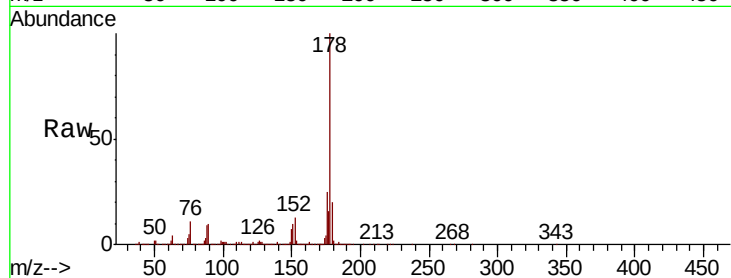
#71
Phenanthrene
Concen: 47.448 ng
RT: 17.38 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Instrument :
BNA_G
ClientSampleId :
OW-5MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	25.3	18.6	28.0
179	20.1	14.4	21.6

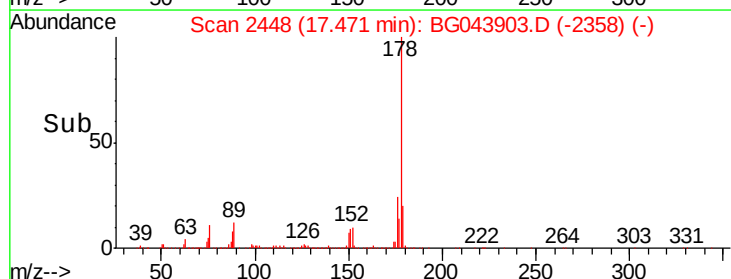
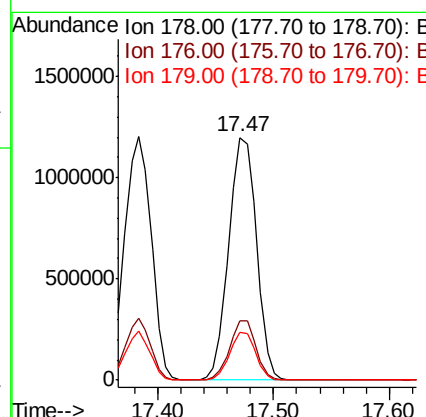
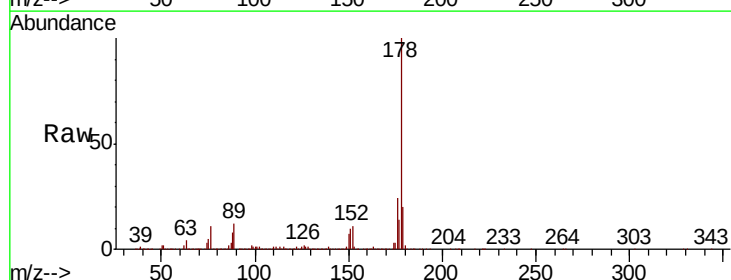
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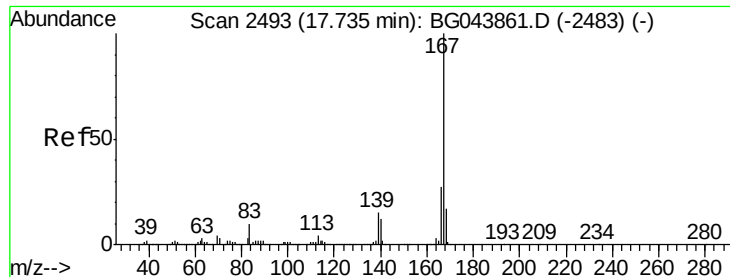
mohammad
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#72
Anthracene
Concen: 49.348 ng
RT: 17.47 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	24.3	18.3	27.5
179	19.6	14.6	22.0





#73

Carbazole

Concen: 48.701 ng

RT: 17.74 min Scan# 2494

Delta R.T. 0.01 min

Lab File: BG043903.D

Acq: 4 Jan 2020 1:09

Instrument :

BNA_G

ClientSampleId :

OW-5MS

Tot Ion:167 Resp: 1821665

Ion Ratio Lower Upper

167 100

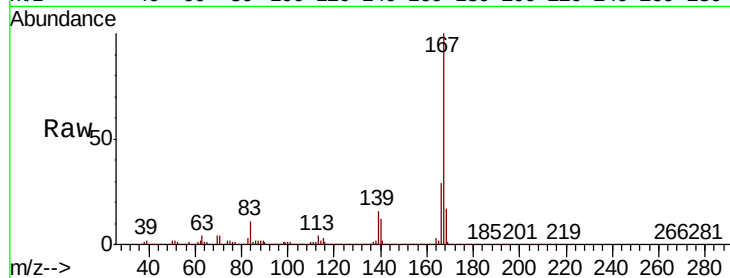
166 28.8 21.6 32.4

139 16.2 12.1 18.1

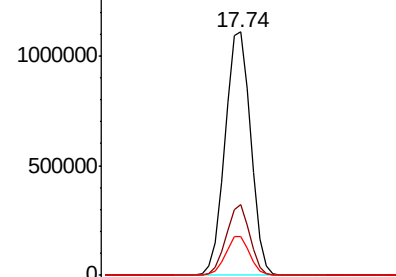
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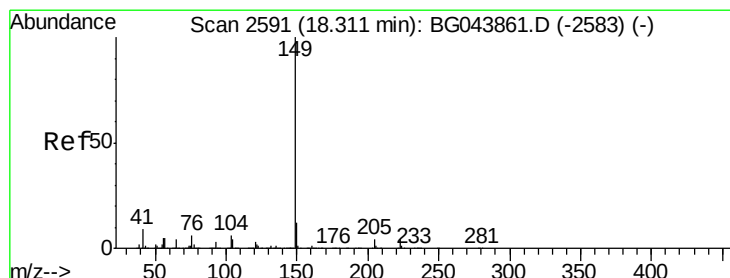
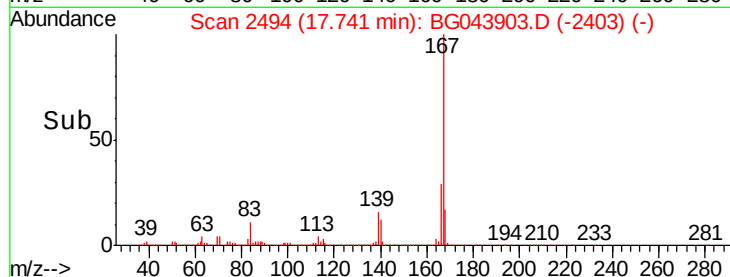
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Abundance Ion 167.00 (166.70 to 167.70): E
1500000 Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 45.626 ng

RT: 18.31 min Scan# 2591

Delta R.T. 0.00 min

Lab File: BG043903.D

Acq: 4 Jan 2020 1:09

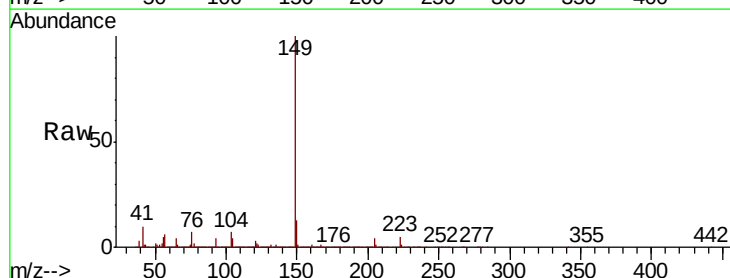
Tgt Ion:149 Resp: 2179009

Ion Ratio Lower Upper

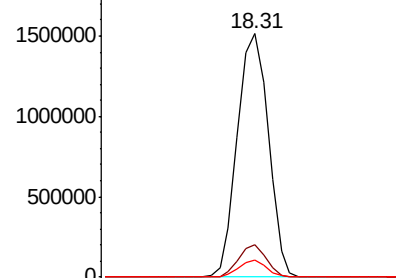
149 100

150 13.2 9.7 14.5

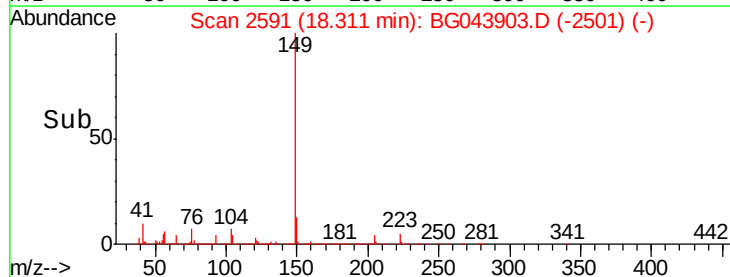
104 7.3 5.0 7.4

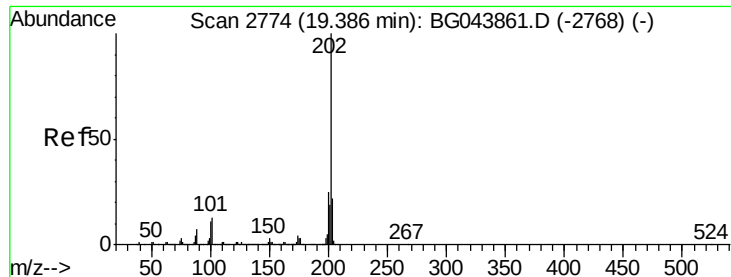


Abundance Ion 149.00 (148.70 to 149.70): E
2000000 Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 45.698 ng

RT: 19.39 min Scan# 2775

Delta R.T. 0.01 min

Lab File: BG043903.D

Acq: 4 Jan 2020 1:09

Instrument :

BNA_G

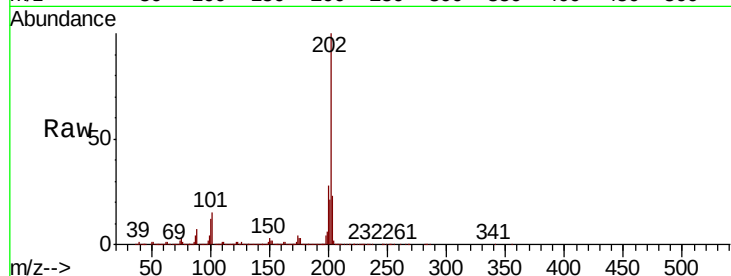
ClientSampleId :

OW-5MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	2141416		
101	14.8		0.0	33.3
203	23.1		1.6	41.6

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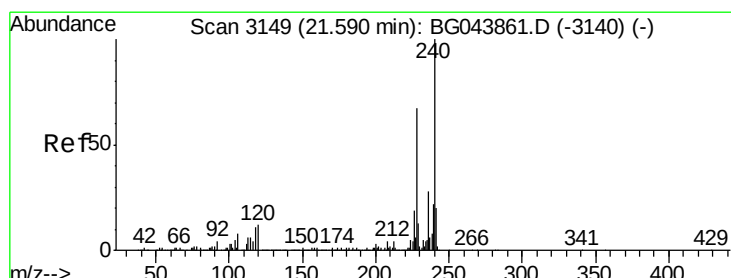
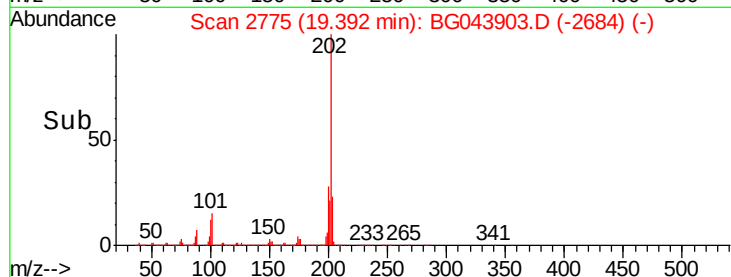
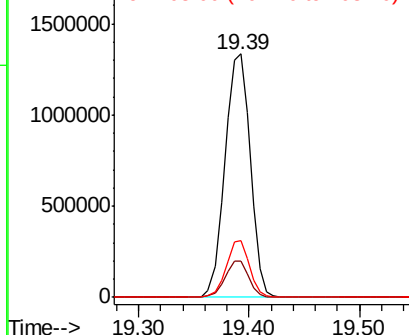


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.60 min Scan# 3150

Delta R.T. 0.01 min

Lab File: BG043903.D

Acq: 4 Jan 2020 1:09

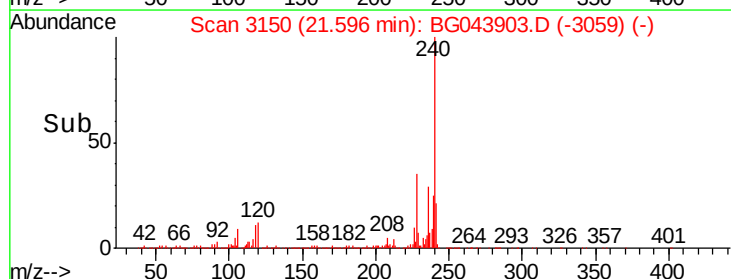
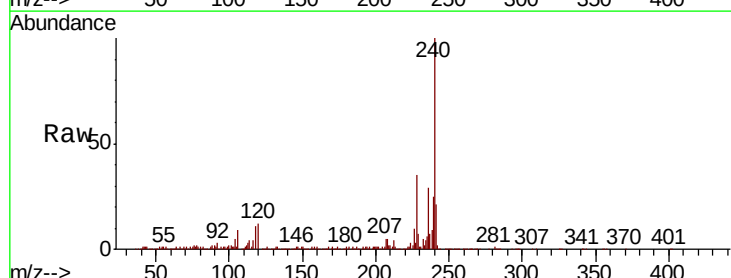
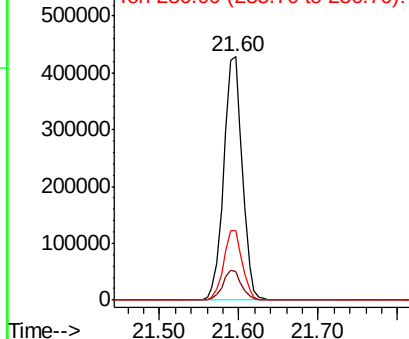
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	689866		
120	11.8		9.6	14.4
236	28.6		22.2	33.2

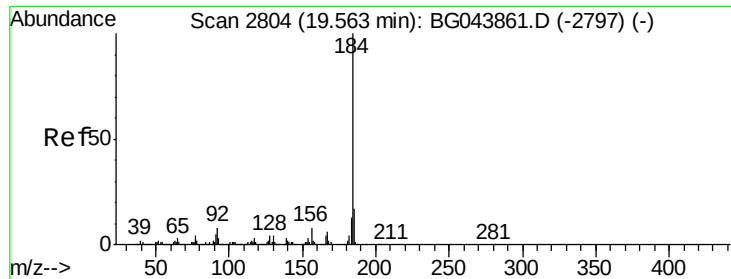
Abundance

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: 5.922 ng

RT: 19.57 min Scan# 2805

Delta R.T. 0.01 min

Lab File: BG043903.D

Acq: 4 Jan 2020 1:09

Instrument :

BNA_G

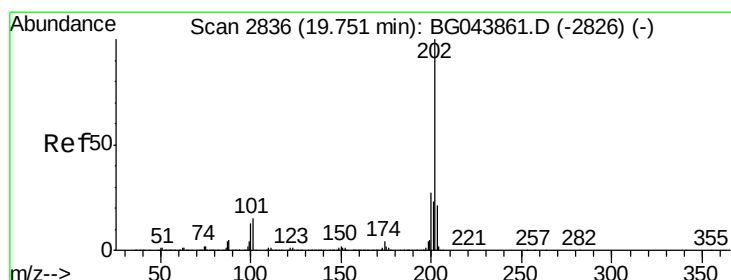
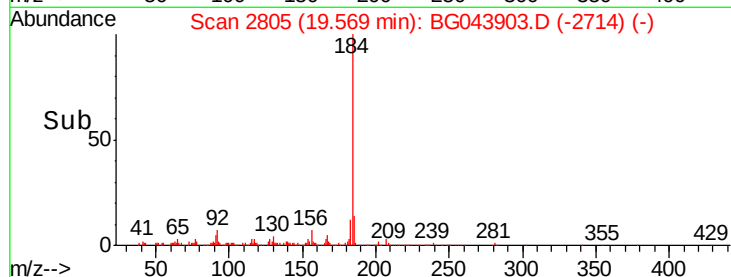
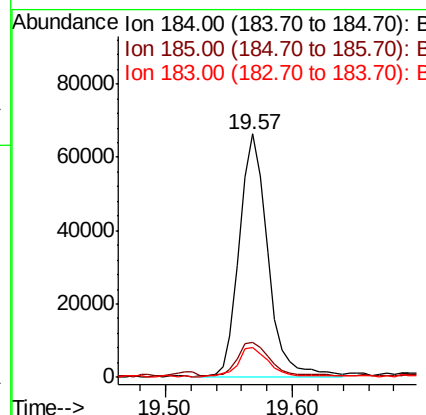
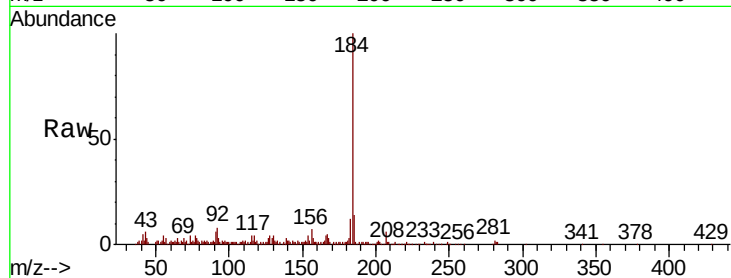
ClientSampleId :

OW-5MS

Tot Ion:	184	Resp:	102691
Ion Ratio	Lower	Upper	
184	100		
185	14.3	13.4	20.0
183	12.2	10.6	15.8

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#78

Pyrene

Concen: 47.736 ng

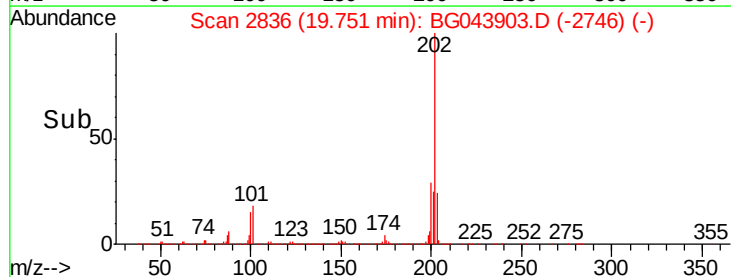
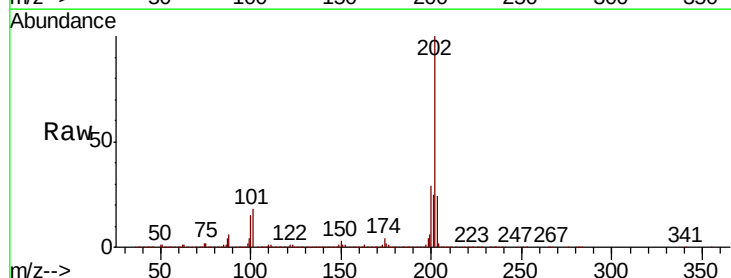
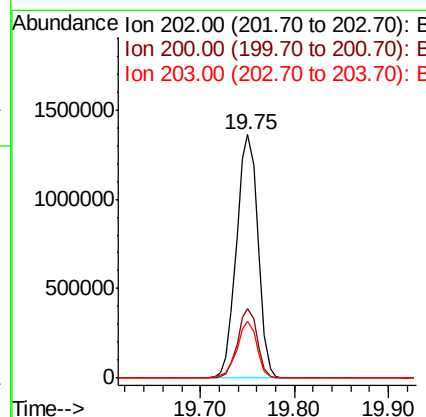
RT: 19.75 min Scan# 2836

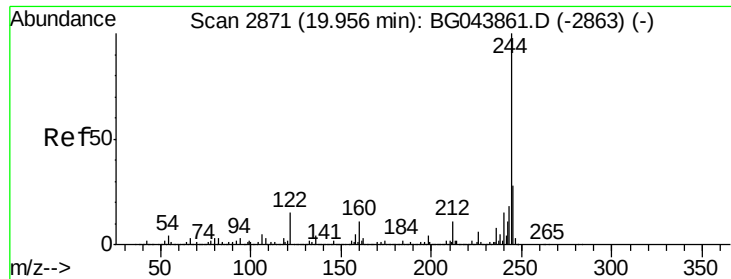
Delta R.T. 0.00 min

Lab File: BG043903.D

Acq: 4 Jan 2020 1:09

Tgt Ion:	202	Resp:	2149543
Ion Ratio	Lower	Upper	
202	100		
200	28.8	21.7	32.5
203	23.6	17.0	25.6





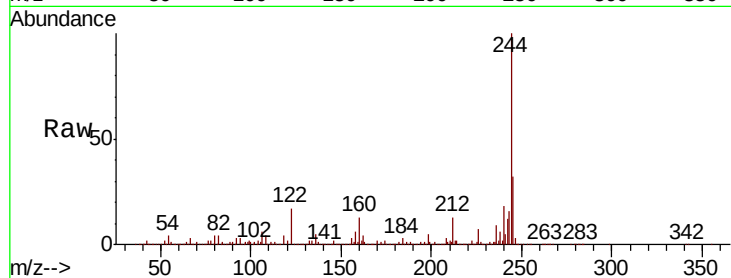
#79
 Terphenyl-d14
 Concen: 99.935 ng
 RT: 19.96 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: BG043903.D
 Acq: 4 Jan 2020 1:09

Instrument :
 BNA_G
 ClientSampleId :
 OW-5MS

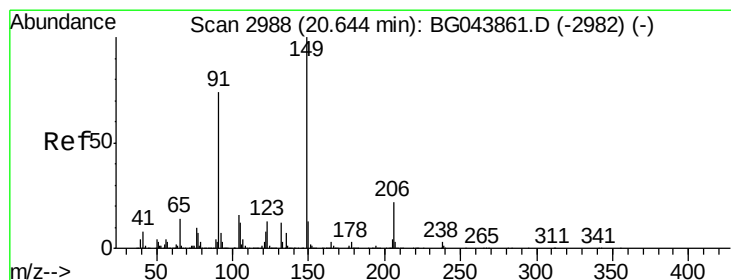
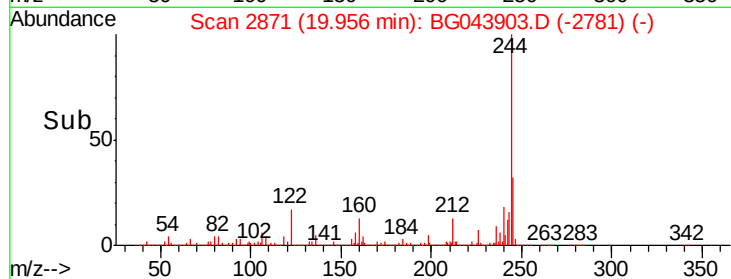
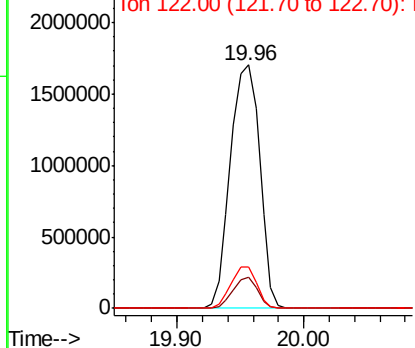
Tot Ion:244 Resp: 2733962
 Ion Ratio Lower Upper
 244 100
 212 12.8 8.6 13.0
 122 17.2 11.9 17.9

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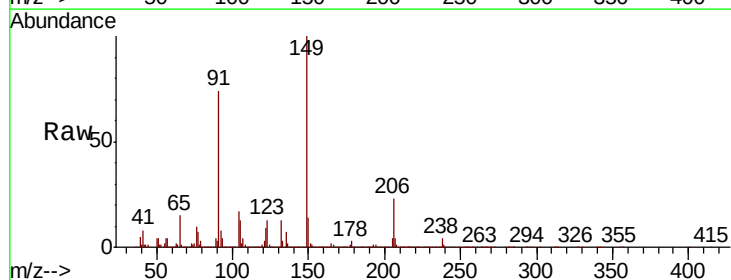


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

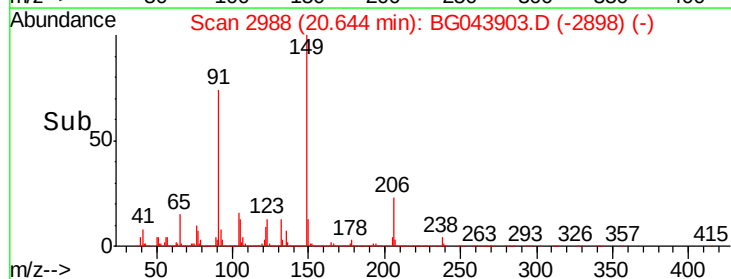
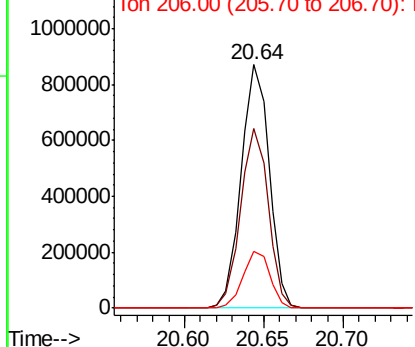


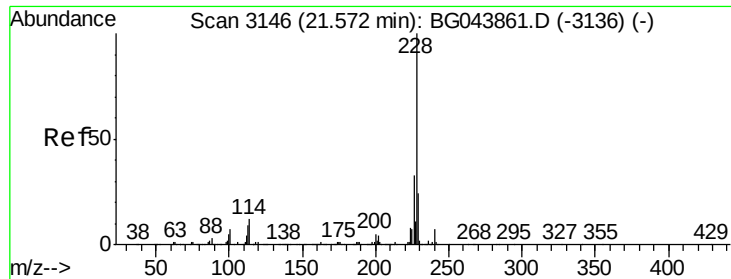
#80
 Butylbenzylphthalate
 Concen: 49.814 ng
 RT: 20.64 min Scan# 2988
 Delta R.T. 0.00 min
 Lab File: BG043903.D
 Acq: 4 Jan 2020 1:09

Tgt Ion:149 Resp: 1067931
 Ion Ratio Lower Upper
 149 100
 91 73.7 59.5 89.3
 206 23.2 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: 48.828 ng

RT: 21.57 min Scan# 3146

Delta R.T. 0.00 min

Lab File: BG043903.D

Acq: 4 Jan 2020 1:09

Instrument :

BNA_G

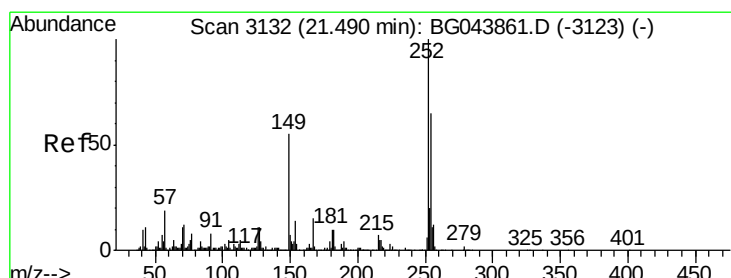
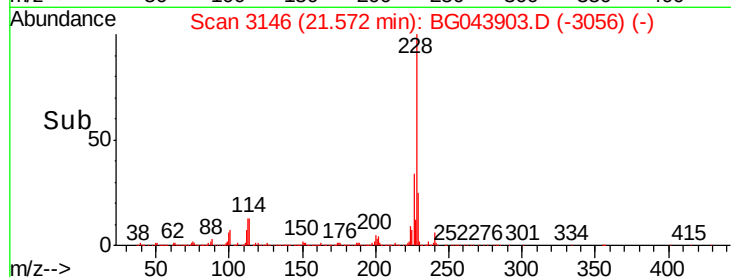
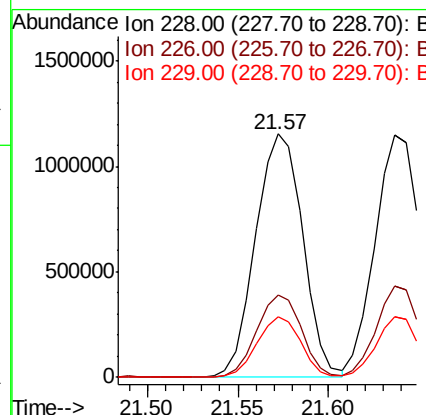
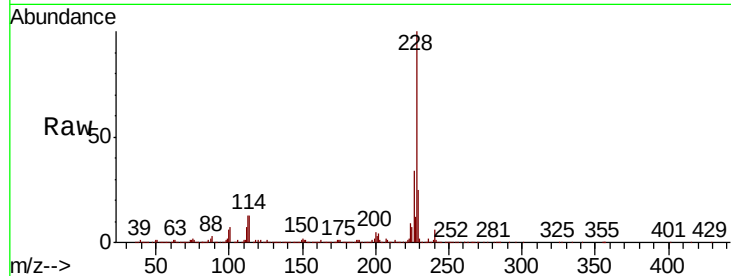
ClientSampleId :

OW-5MS

Tot Ion:	228	Resp:	2088698
Ion	Ratio	Lower	Upper
228	100		
226	33.9	26.2	39.4
229	24.9	18.9	28.3

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#82

3,3'-Dichlorobenzidine

Concen: 23.563 ng

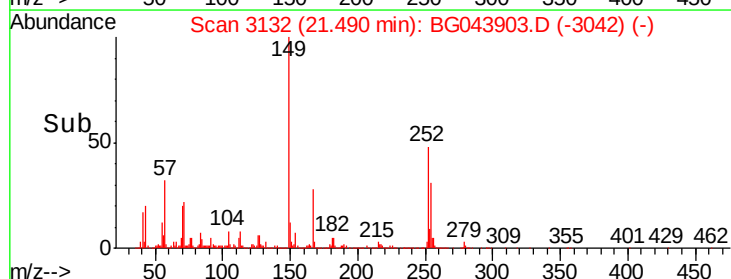
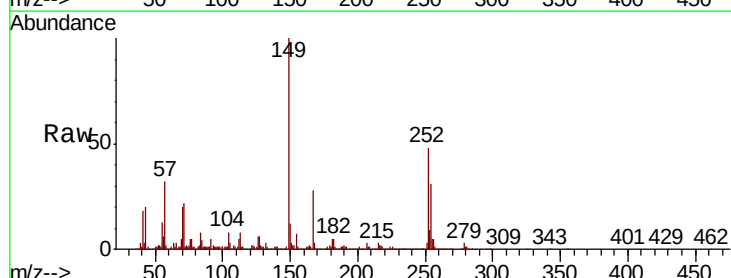
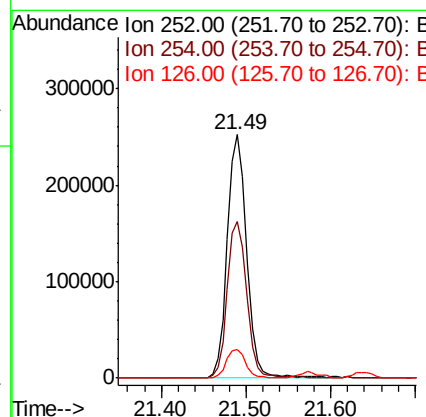
RT: 21.49 min Scan# 3132

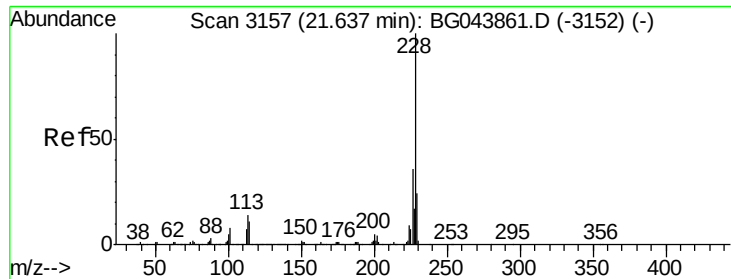
Delta R.T. 0.00 min

Lab File: BG043903.D

Acq: 4 Jan 2020 1:09

Tgt Ion:	252	Resp:	398220
Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.1	78.1
126	11.7	9.1	13.7





#83

Chrysene

Concen: 48.389 ng

RT: 21.64 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG043903.D

Acq: 4 Jan 2020 1:09

Instrument :

BNA_G

ClientSampleId :

OW-5MS

Tot Ion:228 Resp: 1966832

Ion Ratio Lower Upper

228 100

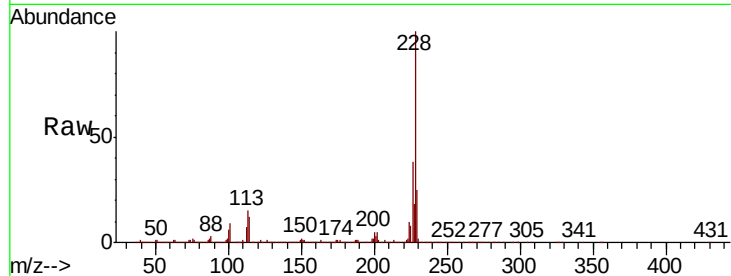
226 37.6 28.8 43.2

229 24.8 19.0 28.6

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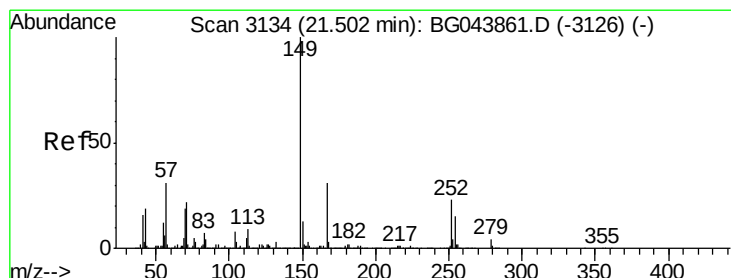
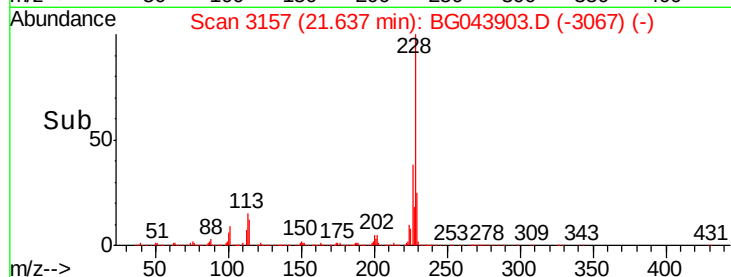
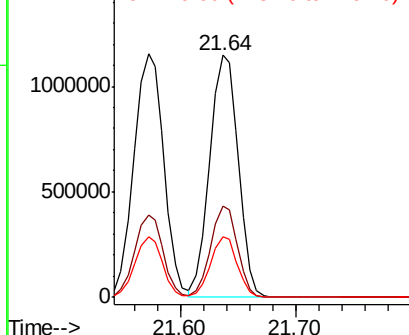


Abundance

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: 51.025 ng

RT: 21.50 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BG043903.D

Acq: 4 Jan 2020 1:09

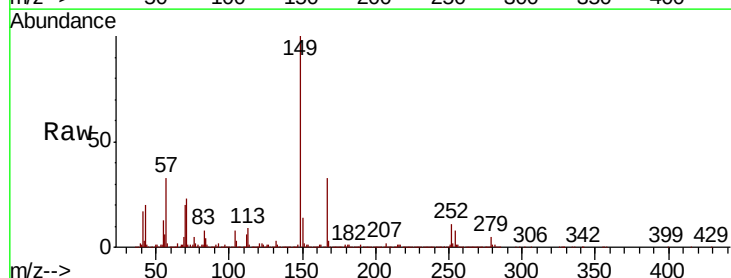
Tgt Ion:149 Resp: 1509375

Ion Ratio Lower Upper

149 100

167 32.7 24.7 37.1

279 4.5 3.3 4.9

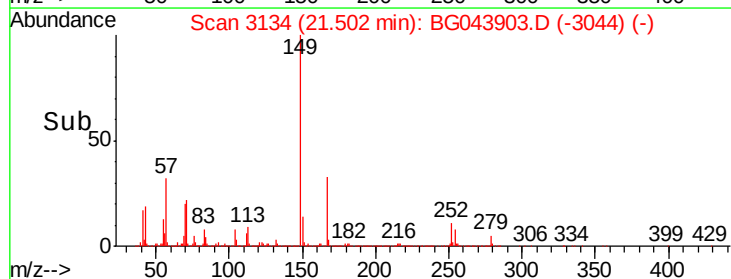
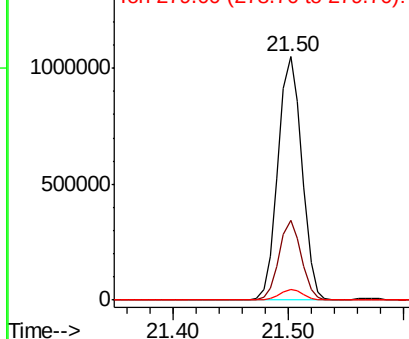


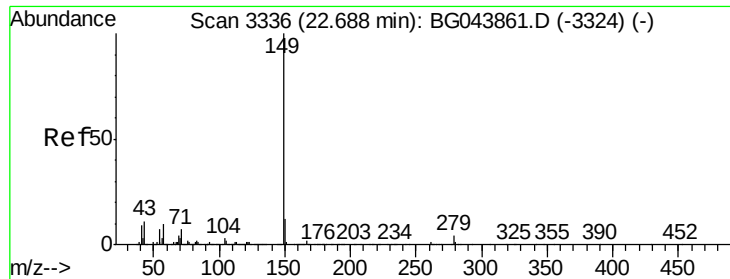
Abundance

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





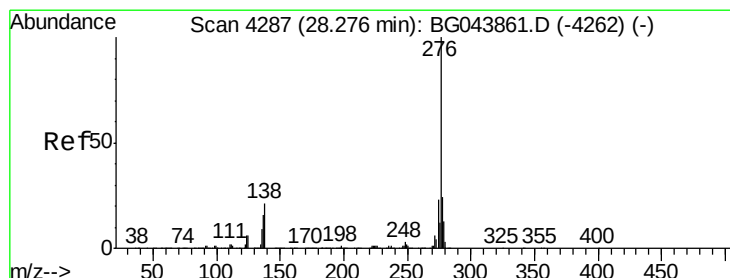
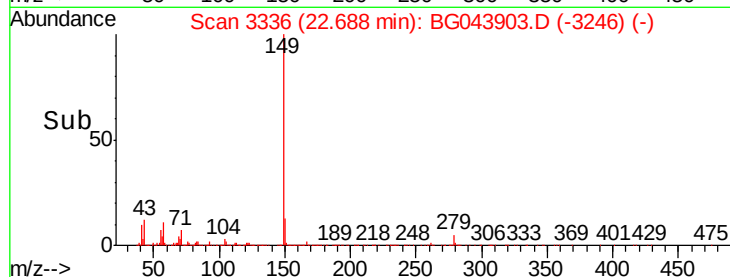
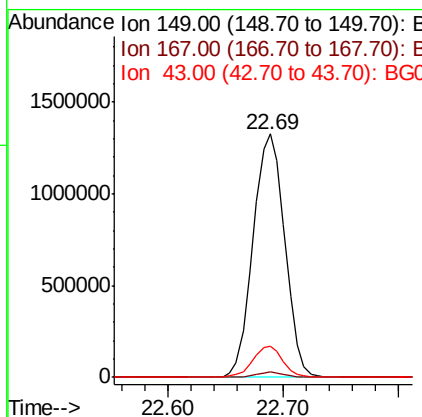
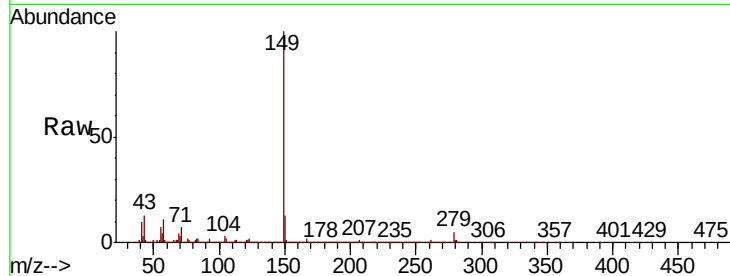
#85
Di-n-octyl phthalate
Concen: 50.882 ng
RT: 22.69 min Scan# 3336
Delta R.T. 0.00 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Instrument :
BNA_G
ClientSampleId :
OW-5MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	11.5	8.8	13.2

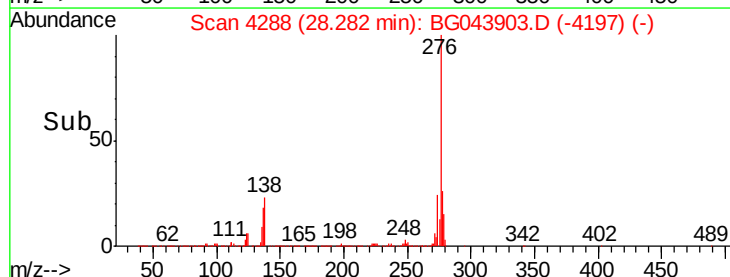
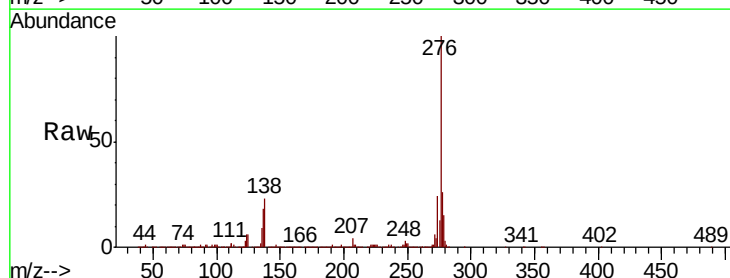
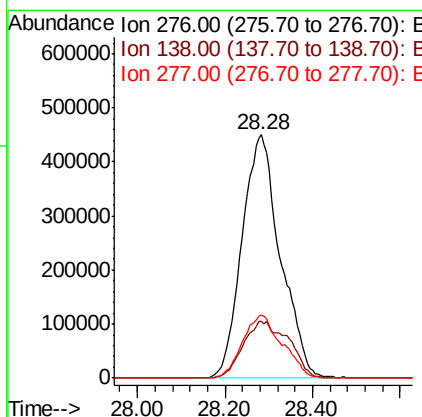
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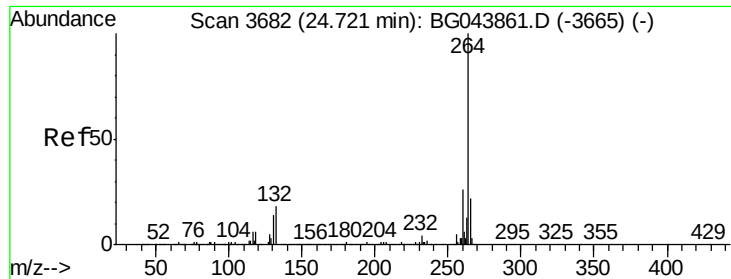
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#86
Indeno(1,2,3-cd)pyrene
Concen: 48.460 ng
RT: 28.28 min Scan# 4288
Delta R.T. 0.01 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.0	21.0	31.4
277	27.0	21.1	31.7





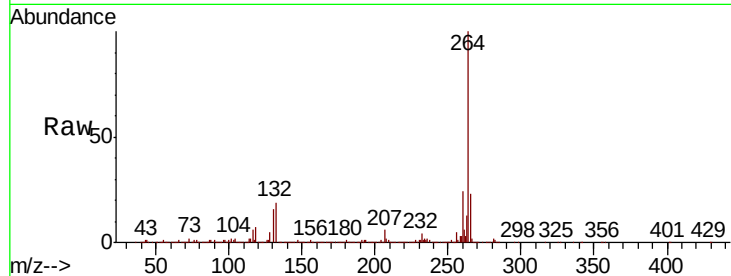
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.72 min Scan# 3682
Delta R.T. 0.00 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Instrument :
BNA_G
ClientSampled :
OW-5MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.4	30.6
265	22.6	17.4	26.2

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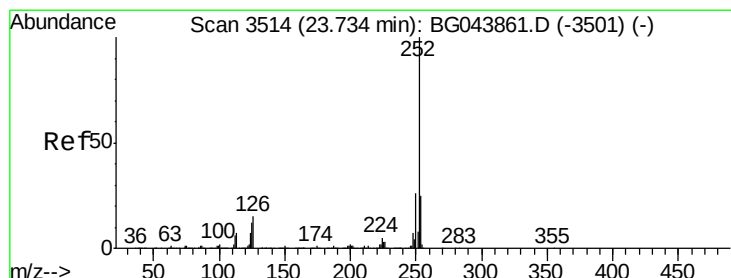
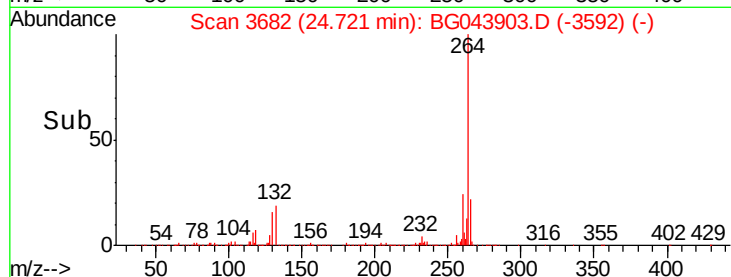
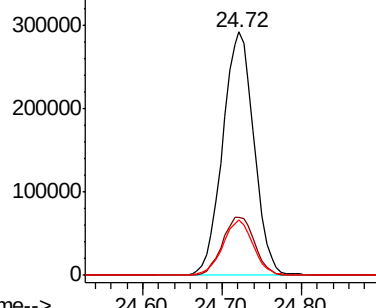


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 47.622 ng
RT: 23.73 min Scan# 3514
Delta R.T. 0.00 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

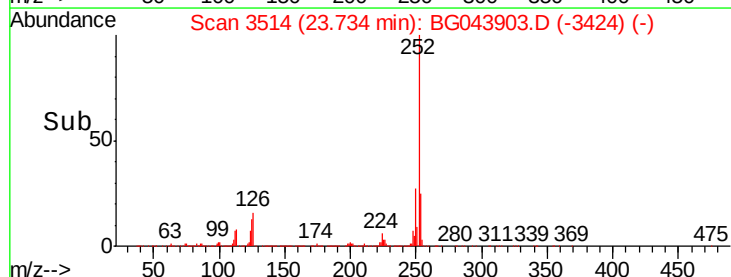
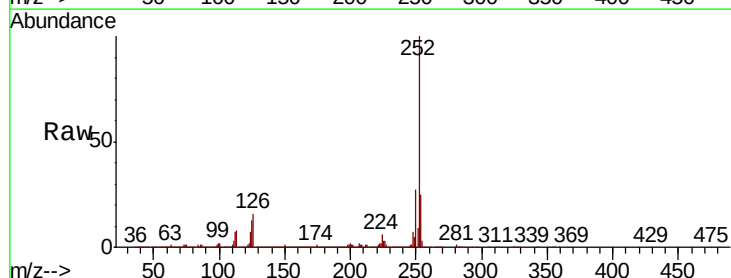
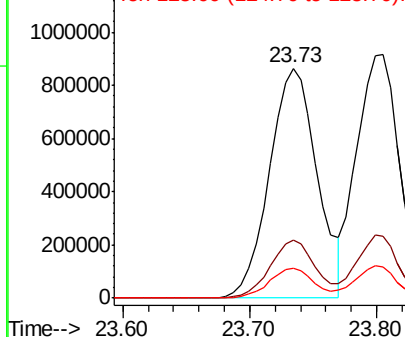
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.7	29.5
125	13.2	9.4	14.2

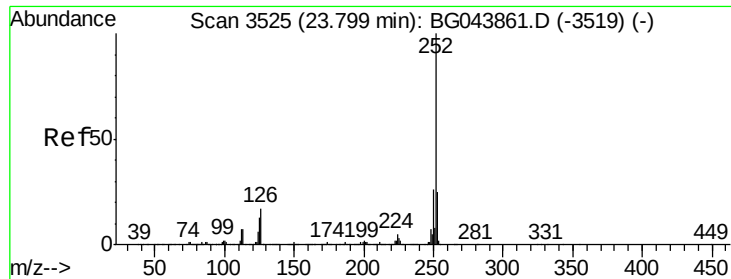
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





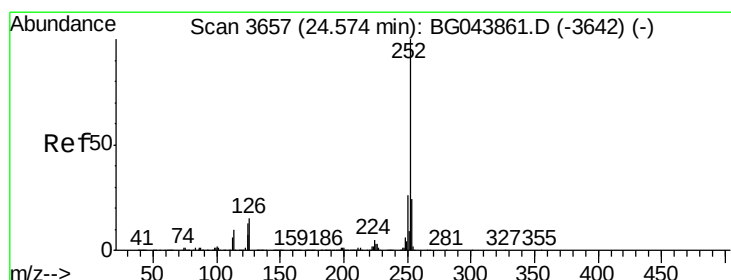
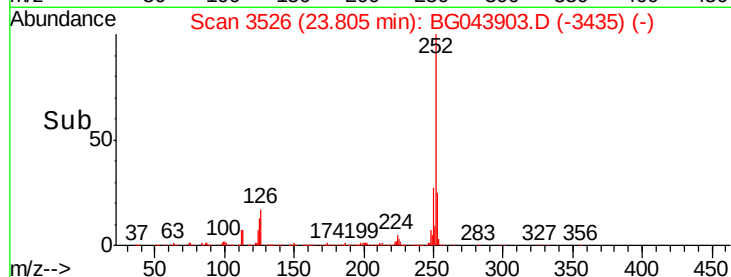
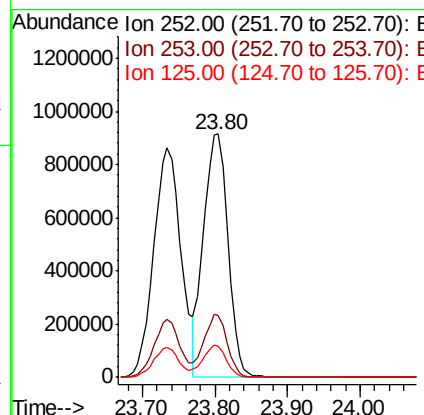
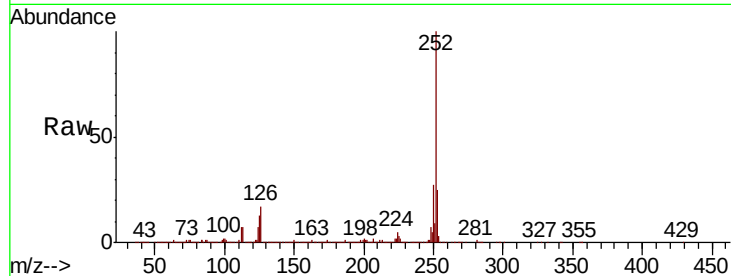
#89
Benzo(k)fluoranthene
Concen: 47.377 ng
RT: 23.80 min Scan# 3526
Delta R.T. 0.01 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Instrument :
BNA_G
ClientSampleId :
OW-5MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.4	29.2
125	12.9	9.9	14.9

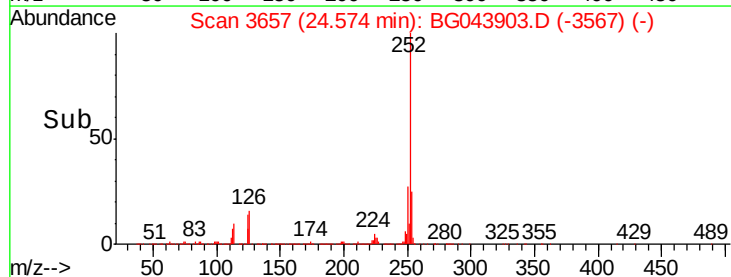
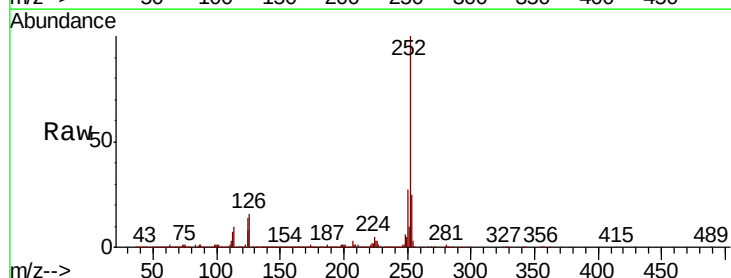
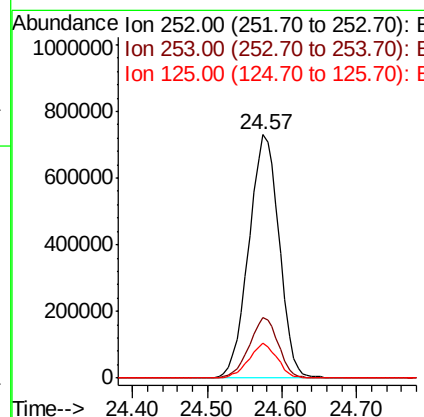
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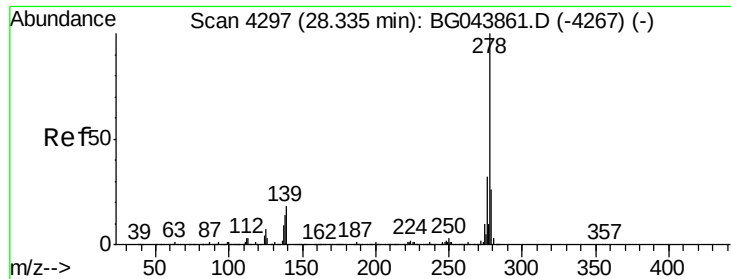
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#90
Benzo(a)pyrene
Concen: 45.878 ng
RT: 24.57 min Scan# 3657
Delta R.T. 0.00 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.3	28.9
125	14.4	10.4	15.6





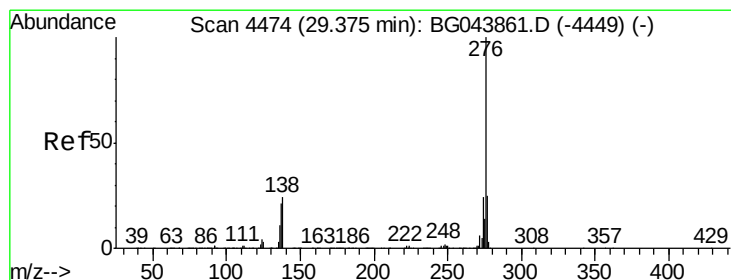
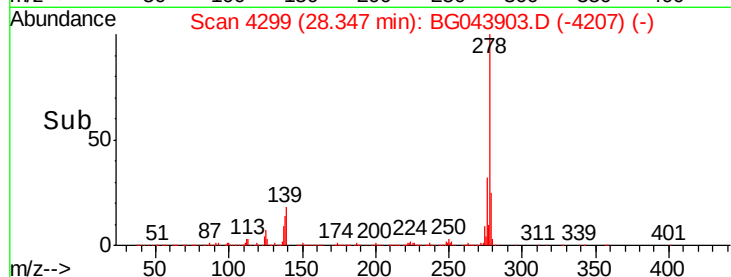
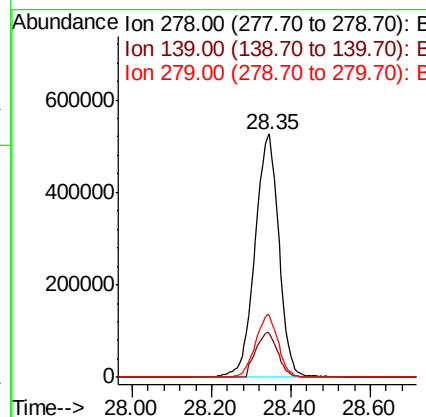
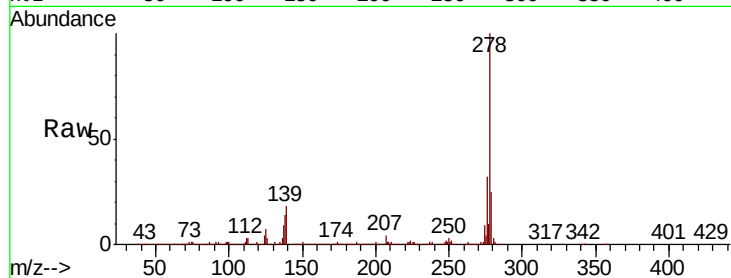
#91
Dibenzo(a,h)anthracene
Concen: 49.094 ng
RT: 28.35 min Scan# 4299
Delta R.T. 0.01 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Instrument :
BNA_G
ClientSampleId :
OW-5MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.1	14.2	21.4
279	25.2	20.6	30.8

Manual Integrations
APPROVED

mohammad
1/6/2020 11:41:54 AM



#92
Benzo(g,h,i)perylene
Concen: 49.923 ng
RT: 29.39 min Scan# 4476
Delta R.T. 0.01 min
Lab File: BG043903.D
Acq: 4 Jan 2020 1:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.7	20.2	30.4
138	24.5	19.0	28.6

