

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044733.D
 Acq On : 12 Mar 2020 13:32
 Operator : CG/JU
 Sample : L1873-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Manual Integrations
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 3/16/2020 1:48:13 PM

Quant Time: Mar 13 06:58:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	112608	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	461205	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	317782	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	713133	20.00	ng	0.00
76) Chrysene-d12	21.70	240	598266	20.00	ng	0.00
87) Perylene-d12	24.92	264	713473	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	816494	112.87	ng	0.00
7) Phenol-d6	7.21	99	1160413	110.41	ng	0.00
23) Nitrobenzene-d5	9.21	82	736021	70.03	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	438126	105.30	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1487998	67.05	ng	0.00
79) Terphenyl-d14	20.05	244	2163763	67.65	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.52	88	118364	33.979	ng	99
3) Pyridine	3.91	79	300406	29.131	ng	99
4) n-Nitrosodimethylamine	3.83	42	154012	39.362	ng	96
6) Aniline	7.37	93	239080	18.281	ng	98
8) 2-Chlorophenol	7.62	128	336452	46.592	ng	96
9) Benzaldehyde	7.19	77	271182	43.391	ng	95
10) Phenol	7.24	94	456378	43.860	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	329272	39.650	ng	98
12) 1,3-Dichlorobenzene	7.94	146	342144	38.463	ng	98
13) 1,4-Dichlorobenzene	8.09	146	341431	38.824	ng	99
14) 1,2-Dichlorobenzene	8.41	146	322981	38.724	ng	98
15) Benzyl Alcohol	8.28	79	356295	42.251	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.59	45	531613	36.275	ng	99
17) 2-Methylphenol	8.49	107	309420	43.899	ng	92
18) Hexachloroethane	9.15	117	132177	38.176	ng	98
19) n-Nitroso-di-n-propylamine	8.86	70	290450	39.137	ng	99
20) 3+4-Methylphenols	8.82	107	426647	43.911	ng	98
22) Acetophenone	8.88	105	503171	38.510	ng	# 98
24) Nitrobenzene	9.25	77	431088	39.529	ng	98
25) Isophorone	9.78	82	790427	38.533	ng	99
26) 2-Nitrophenol	9.97	139	160843	43.117	ng	96
27) 2,4-Dimethylphenol	10.03	122	326119	48.819	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	462014	37.741	ng	98
29) 2,4-Dichlorophenol	10.51	162	331460	42.481	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	352781	37.814	ng	94
31) Naphthalene	10.92	128	994036	38.908	ng	99
32) Benzoic acid	10.16	122	208765	41.705	ng	90
33) 4-Chloroaniline	11.01	127	85287	7.409	ng	97
34) Hexachlorobutadiene	11.22	225	224127	36.531	ng	98
35) Caprolactam	11.77	113	118557m	40.132	ng	
36) 4-Chloro-3-methylphenol	12.13	107	394777	42.423	ng	97
37) 2-Methylnaphthalene	12.52	142	739188	38.678	ng	99
38) 1-Methylnaphthalene	12.74	142	709503	39.489	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	383002	36.597	ng	99

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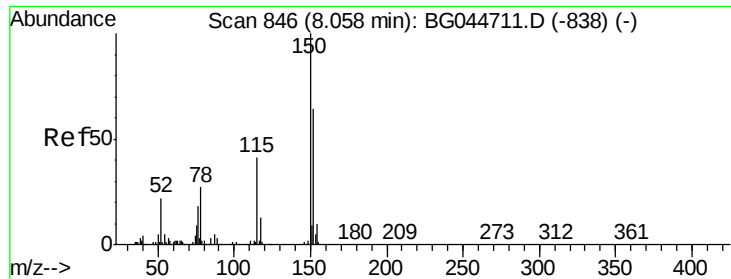
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Quant Time: Mar 13 06:58:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	513018	89.697	nq	95
43) 2,4,6-Trichlorophenol	13.12	196	285433	41.096	nq	97
44) 2,4,5-Trichlorophenol	13.19	196	305998	42.483	nq	98
46) 1,1'-Biphenyl	13.53	154	935968	36.857	nq	100
47) 2-Chloronaphthalene	13.56	162	719304	37.079	nq	99
48) 2-Nitroaniline	13.75	65	272667	40.148	nq	97
49) Acenaphthylene	14.41	152	1193400	39.267	nq	99
50) Dimethylphthalate	14.14	163	1056402	41.739	nq	99
51) 2,6-Dinitrotoluene	14.25	165	211358	41.429	nq	98
52) Acenaphthene	14.75	154	831959	41.799	nq	98
53) 3-Nitroaniline	14.58	138	71720	12.228	nq	88
54) 2,4-Dinitrophenol	14.78	184	213161	79.963	nq	# 69
55) Dibenzofuran	15.09	168	1122394	38.886	nq	99
56) 4-Nitrophenol	14.88	139	368963	82.424	nq	97
57) 2,4-Dinitrotoluene	15.04	165	295160	42.185	nq	92
58) Fluorene	15.73	166	908297	38.255	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	279812	42.195	nq	93
60) Diethylphthalate	15.51	149	992618	37.602	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	486665	38.066	nq	98
62) 4-Nitroaniline	15.74	138	217745	34.815	nq	98
63) Azobenzene	16.02	77	1048835	38.260	nq	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	154127	46.261	nq	97
66) n-Nitrosodiphenylamine	15.94	169	839659	39.108	nq	98
67) 4-Bromophenyl-phenylether	16.63	248	333085	37.362	nq	96
68) Hexachlorobenzene	16.75	284	358471	37.063	nq	97
69) Atrazine	16.89	200	325147	41.335	nq	97
70) Pentachlorophenol	17.08	266	448293	84.239	nq	97
71) Phenanthrene	17.47	178	1454601	38.170	nq	99
72) Anthracene	17.57	178	1497187	39.843	nq	99
73) Carbazole	17.83	167	1389546	38.496	nq	98
74) Di-n-butylphthalate	18.41	149	1650586	37.617	nq	99
75) Fluoranthene	19.48	202	1764123	38.879	nq	99
77) Benzidine	19.65	184	582712	30.003	nq	97
78) Pyrene	19.84	202	1757281	40.036	nq	99
80) Butylbenzylphthalate	20.74	149	758711	38.854	nq	98
81) Benzo(a)anthracene	21.69	228	1676556	38.918	nq	99
82) 3,3'-Dichlorobenzidine	21.60	252	206571	12.395	nq	# 92
83) Chrysene	21.75	228	1586798	38.561	nq	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	1067916	39.626	nq	100
85) Di-n-octyl phthalate	22.84	149	1794268	39.786	nq	99
86) Indeno(1,2,3-cd)pyrene	28.58	276	2129996	39.481	nq	# 93
88) Benzo(b)fluoranthene	23.91	252	1778608	37.761	nq	99
89) Benzo(k)fluoranthene	23.97	252	1740849	39.055	nq	98
90) Benzo(a)pyrene	24.77	252	1655960	37.573	nq	99
91) Dibenzo(a,h)anthracene	28.65	278	1715790	39.461	nq	97
92) Benzo(g,h,i)perylene	29.72	276	1756108	39.975	nq	98

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



#1

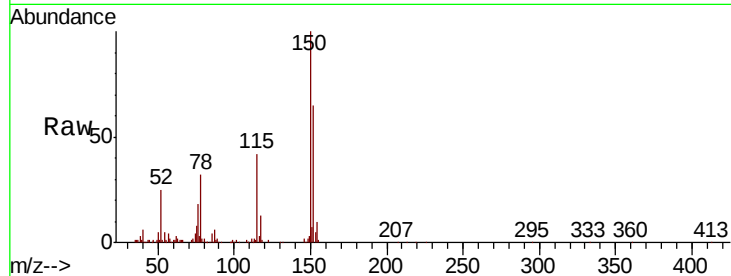
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Instrument :
BNA_G
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.3	187.9
115	64.3	51.7	77.5

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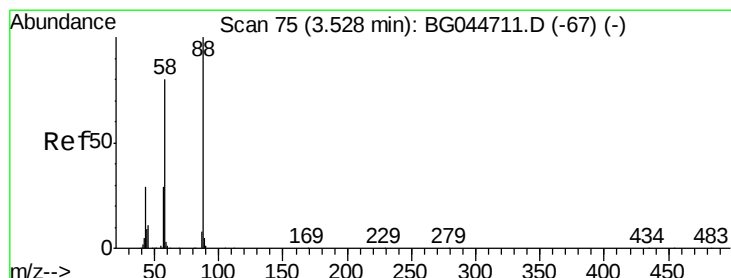
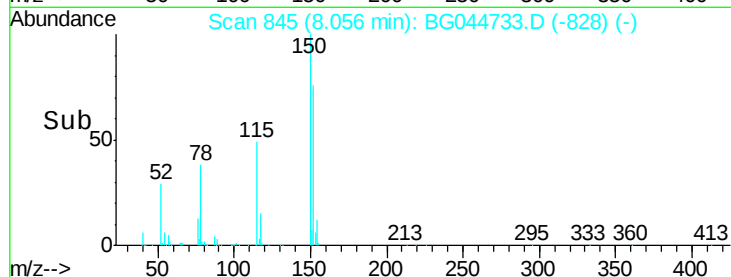
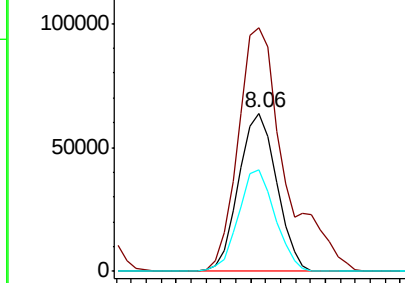


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

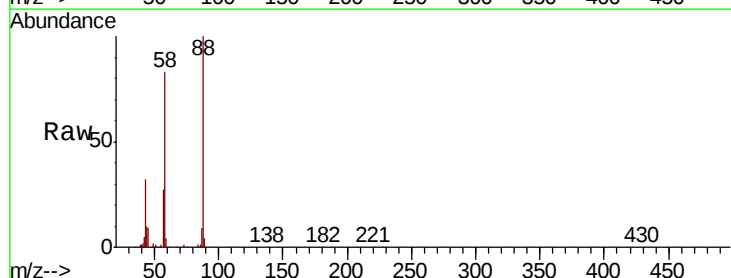
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.979 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.0	63.0	94.4
43	29.2	23.2	34.8

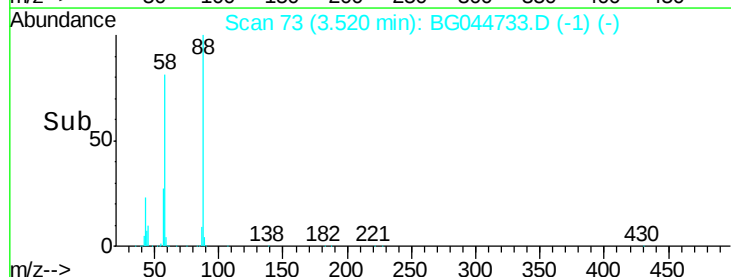
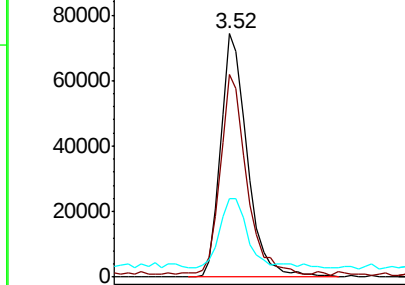


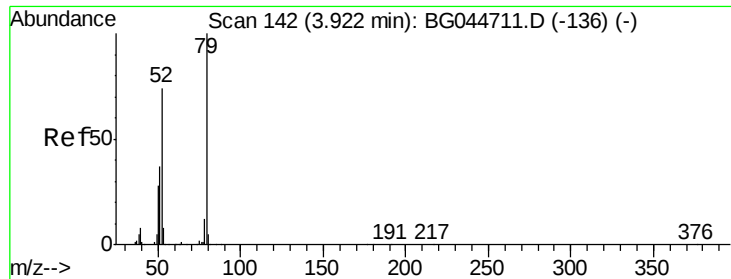
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 29.131 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.01 min

Lab File: BG044733.D

Acq: 12 Mar 2020 13:32

Instrument :

BNA_G

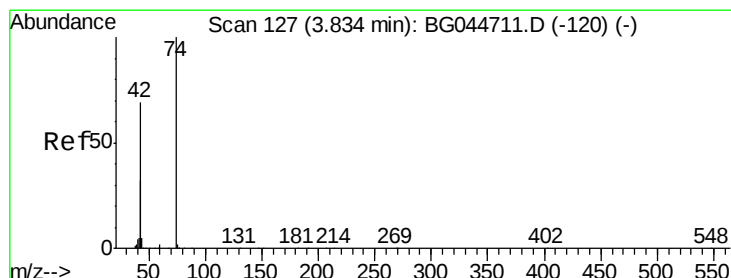
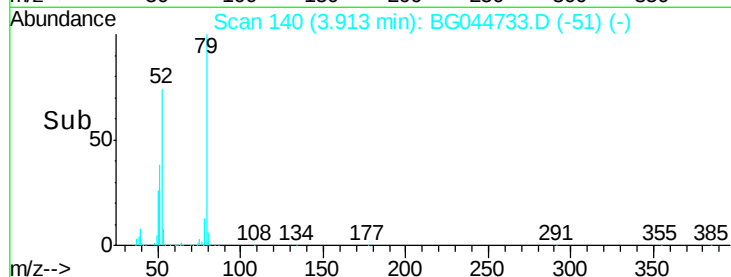
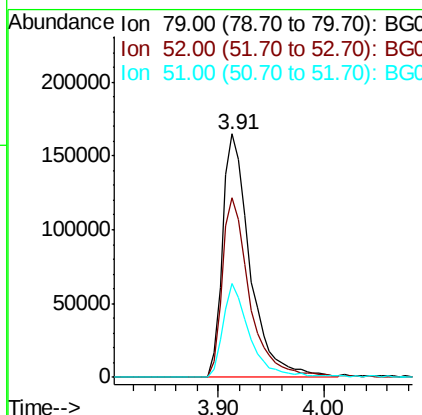
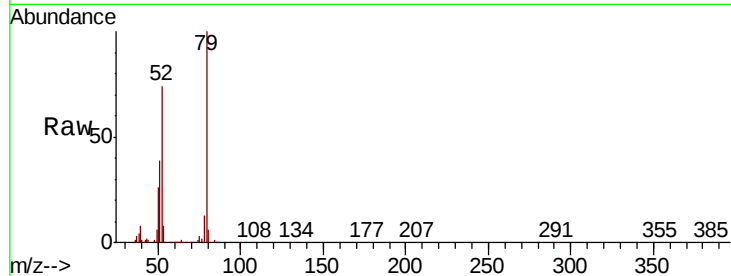
ClientSampleId :

TP-1MSD

Tot Ion:	79	Resp:	300406
Ion Ratio	Lower	Upper	
79	100		
52	73.8	59.4	89.2
51	38.8	29.7	44.5

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#4

n-Nitrosodimethylamine

Concen: 39.362 ng

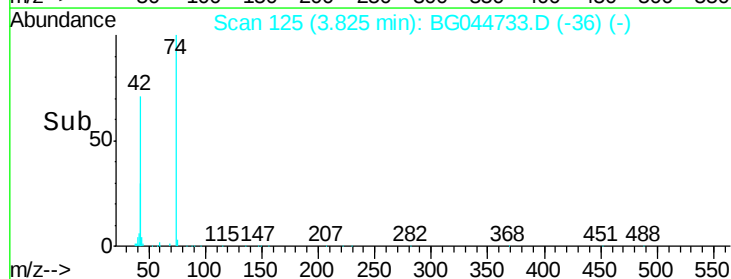
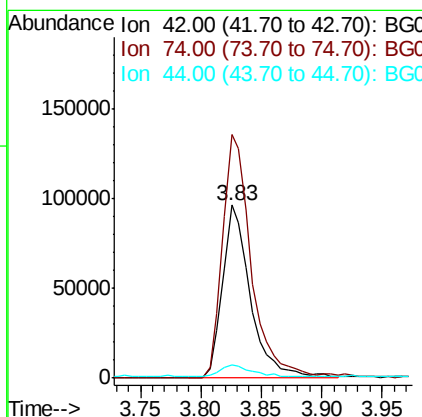
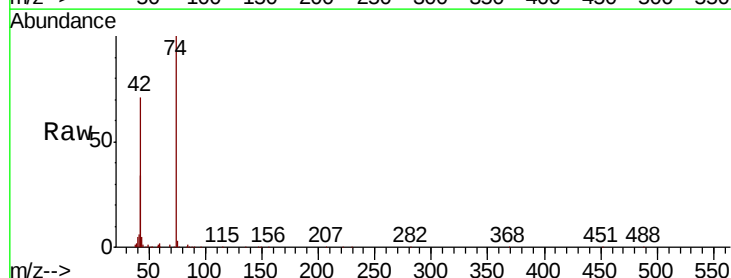
RT: 3.83 min Scan# 125

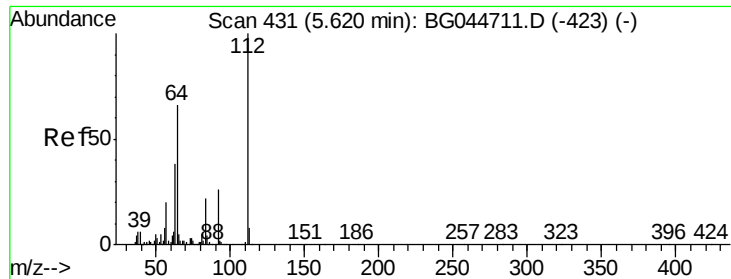
Delta R.T. -0.01 min

Lab File: BG044733.D

Acq: 12 Mar 2020 13:32

Tgt Ion:	42	Resp:	154012
Ion Ratio	Lower	Upper	
42	100		
74	140.7	116.1	174.1
44	7.6	7.1	10.7





#5

2-Fluorophenol

Concen: 112.872 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044733.D

Acq: 12 Mar 2020 13:32

Instrument :

BNA_G

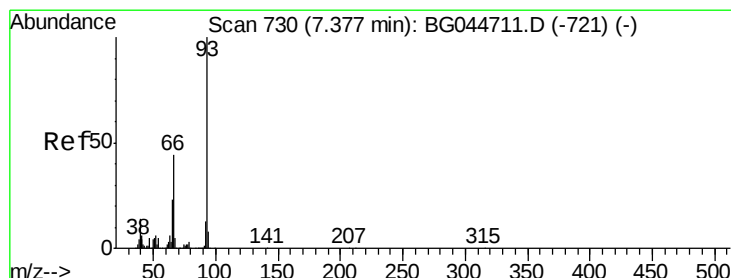
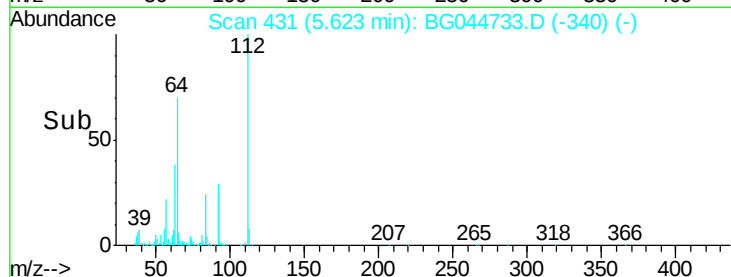
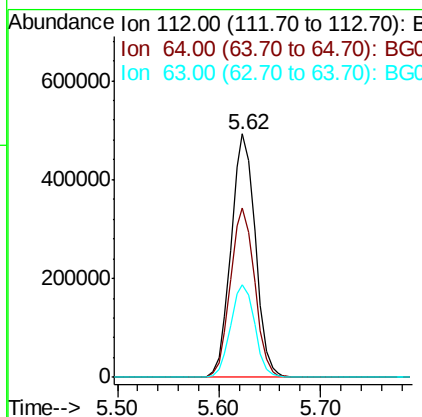
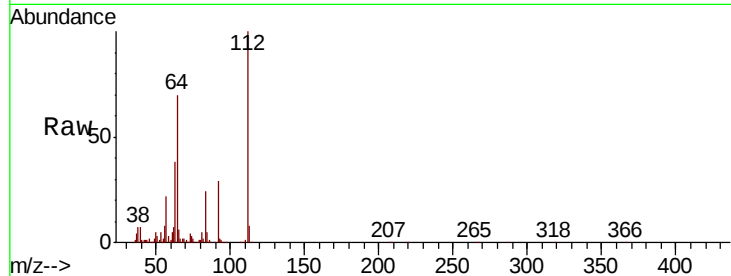
ClientSampleId :

TP-1MSD

Tot Ion:	112	Resp:	816494
Ion Ratio	Lower	Upper	
112	100		
64	69.8	52.6	78.8
63	38.2	30.2	45.4

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#6

Aniline

Concen: 18.281 ng

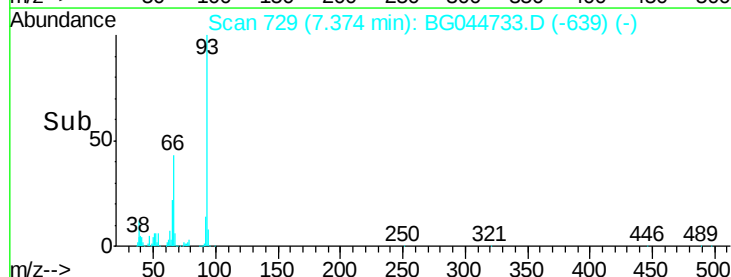
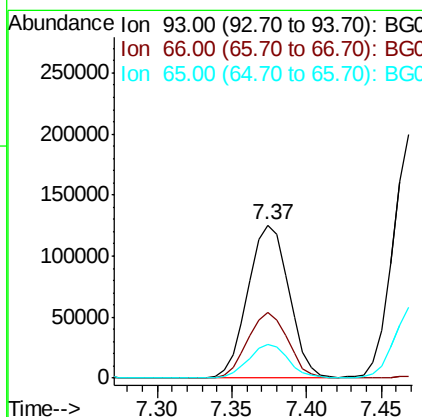
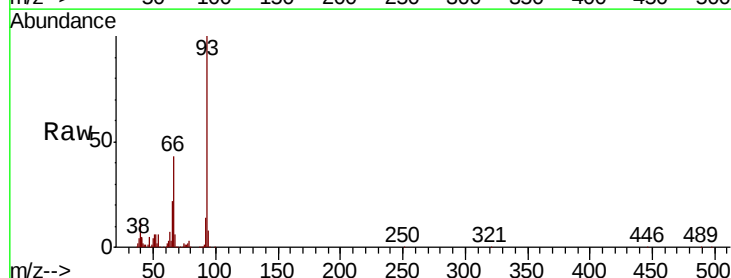
RT: 7.37 min Scan# 729

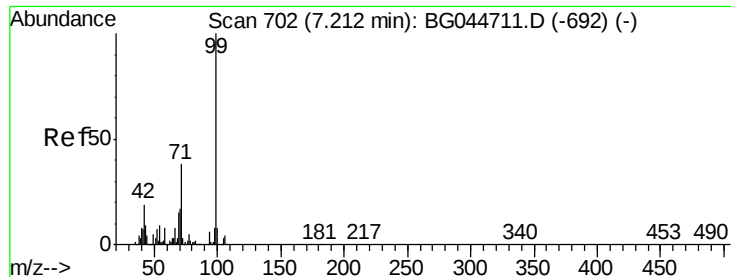
Delta R.T. -0.00 min

Lab File: BG044733.D

Acq: 12 Mar 2020 13:32

Tgt Ion:	93	Resp:	239080
Ion Ratio	Lower	Upper	
93	100		
66	42.7	35.3	52.9
65	22.1	18.2	27.4





#7

Phenol-d6

Concen: 110.408 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG044733.D

Acq: 12 Mar 2020 13:32

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tot Ion: 99 Resp: 1160413

Ion Ratio Lower Upper

99 100

42 18.3 15.4 23.0

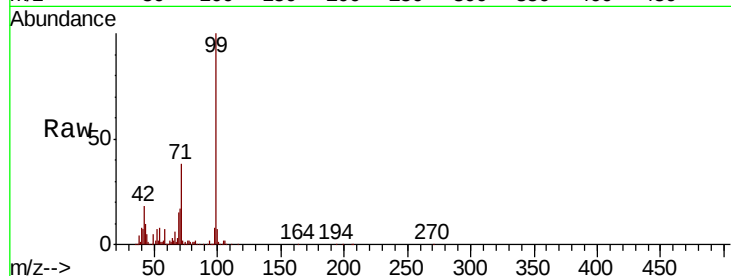
71 37.6 30.2 45.4

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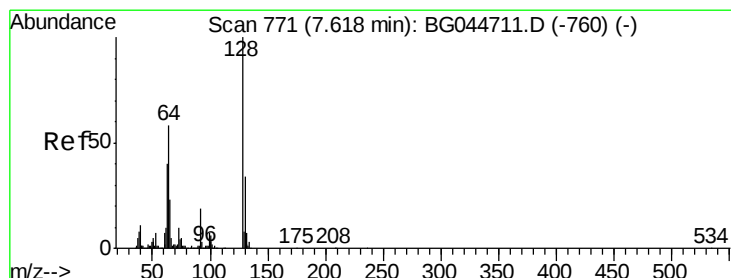
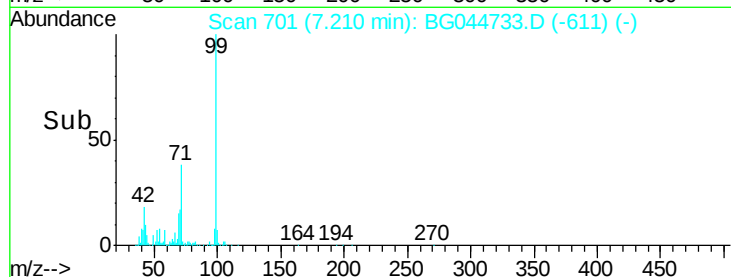
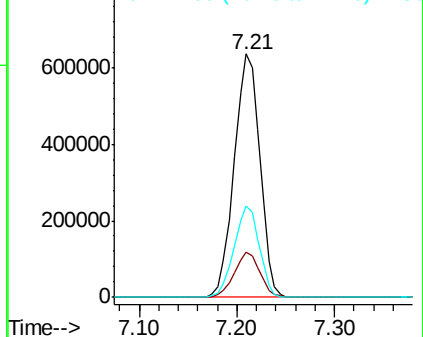
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 46.592 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG044733.D

Acq: 12 Mar 2020 13:32

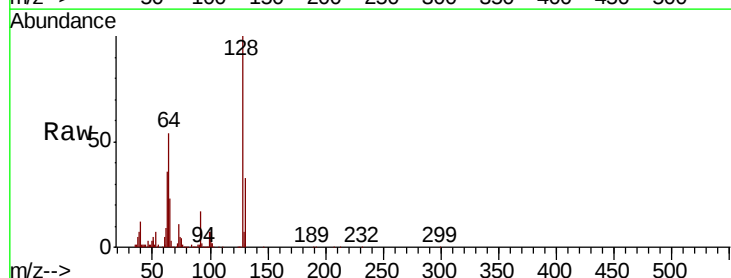
Tgt Ion:128 Resp: 336452

Ion Ratio Lower Upper

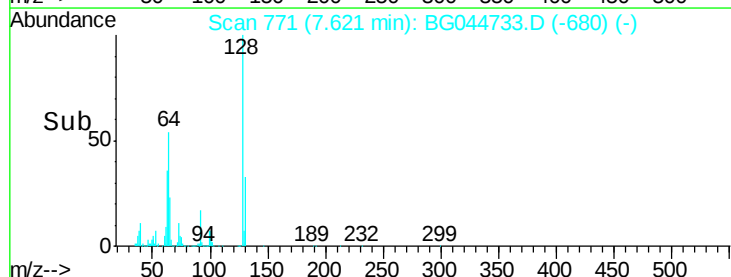
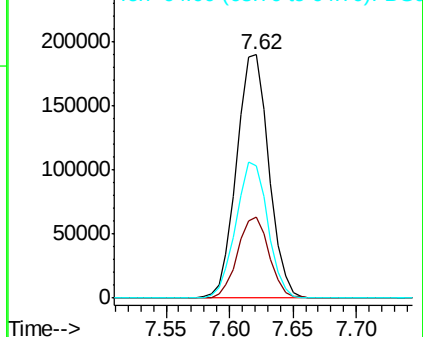
128 100

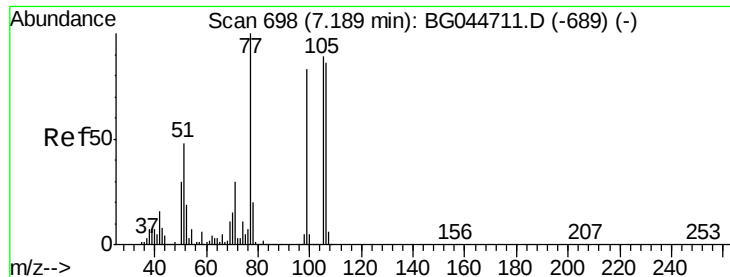
130 33.4 13.6 53.6

64 54.1 38.6 78.6



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





#9

Benzaldehyde

Concen: 43.391 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG044733.D

Acq: 12 Mar 2020 13:32

Instrument :

BNA_G

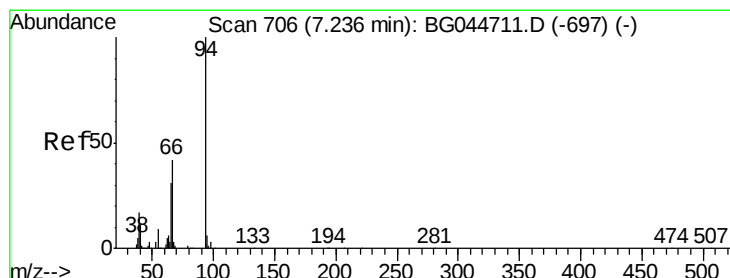
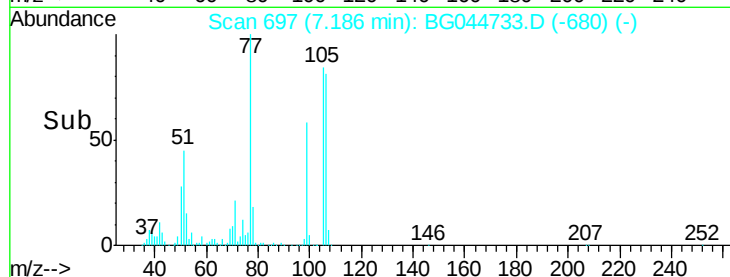
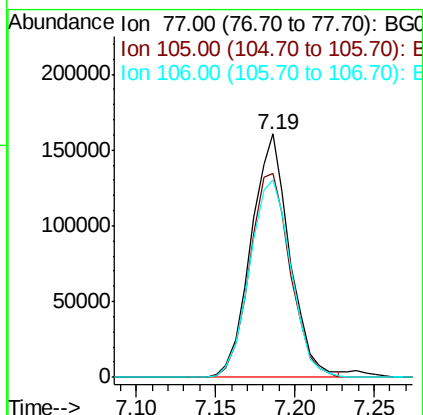
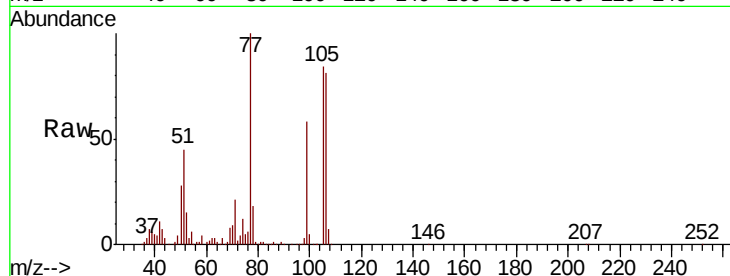
ClientSampleId :

TP-1MSD

Tot Ion:	77	Resp:	271182
Ion Ratio	Lower	Upper	
77	100		
105	83.5	68.6	108.6
106	80.9	65.9	105.9

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#10

Phenol

Concen: 43.860 ng

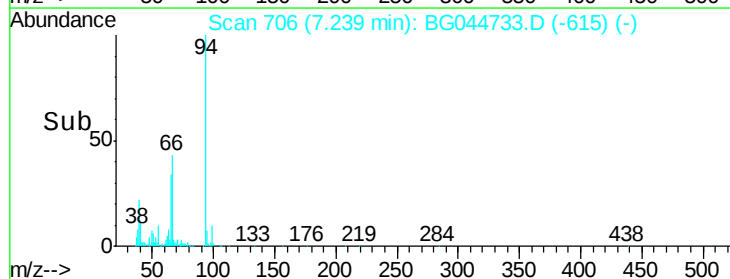
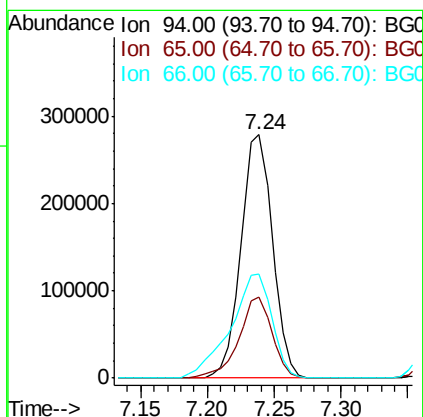
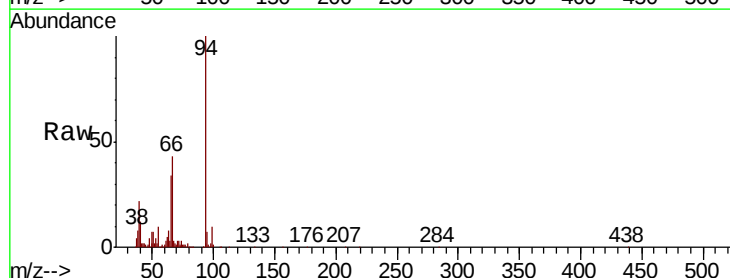
RT: 7.24 min Scan# 706

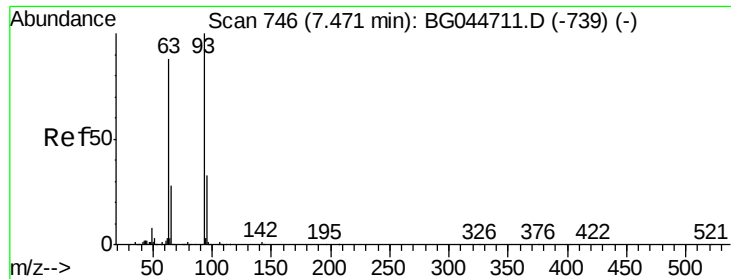
Delta R.T. 0.00 min

Lab File: BG044733.D

Acq: 12 Mar 2020 13:32

Tgt Ion:	94	Resp:	456378
Ion Ratio	Lower	Upper	
94	100		
65	33.5	11.3	51.3
66	42.9	22.9	62.9





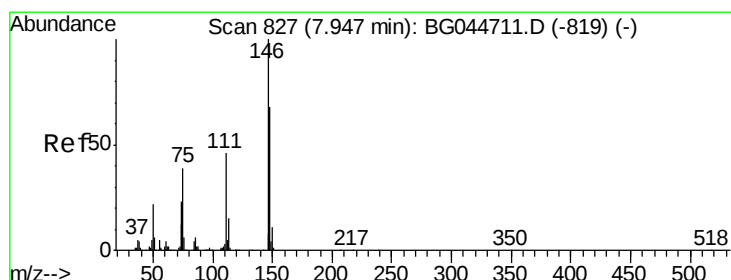
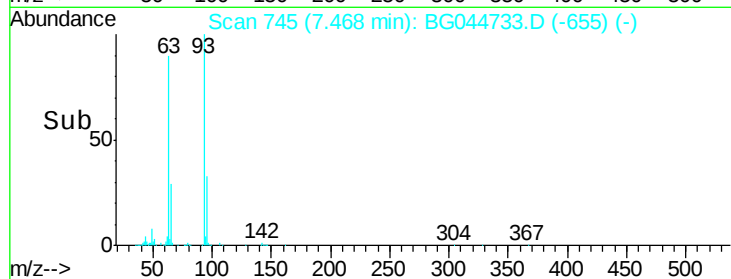
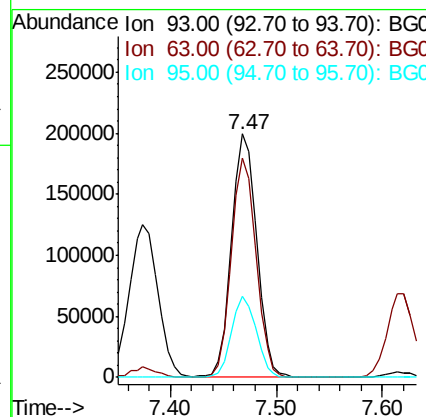
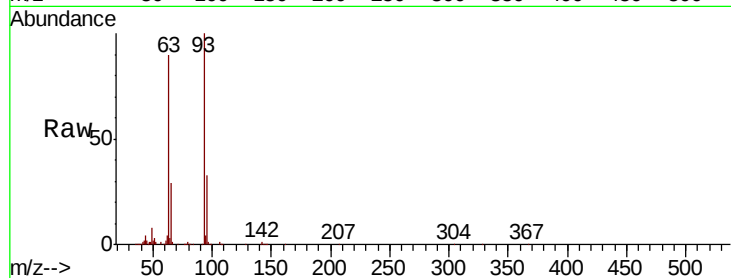
#11
bis(2-Chloroethyl)ether
Concen: 39.650 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	329272		
63	90.1		68.1	108.1
95	33.4		12.4	52.4

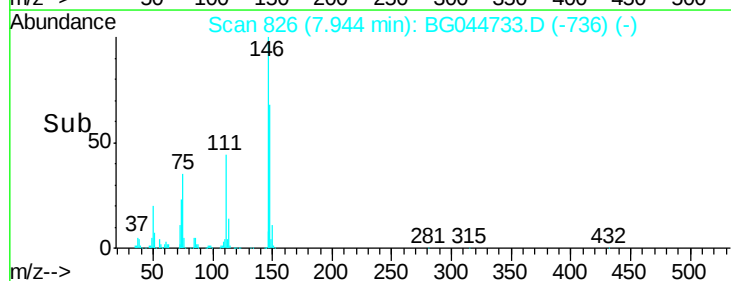
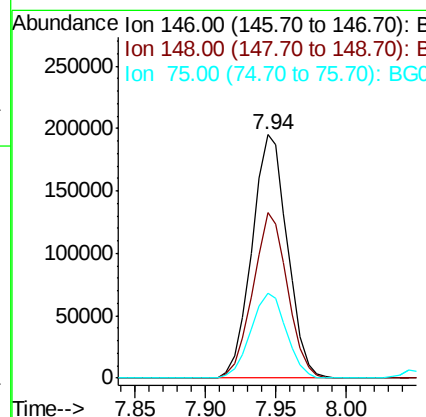
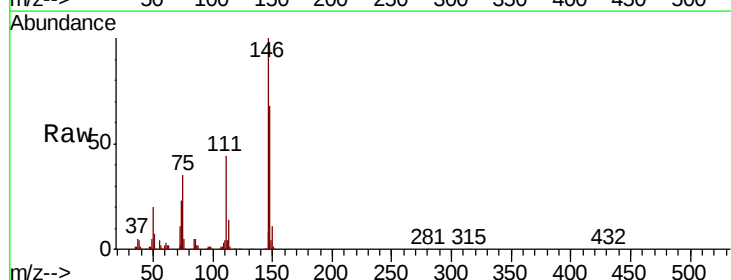
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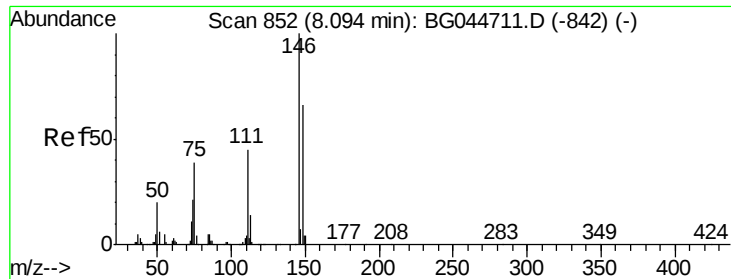
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.463 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	342144		
148	67.7		54.2	81.2
75	35.1		31.3	46.9





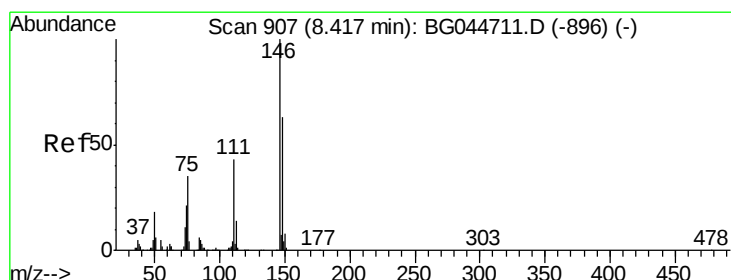
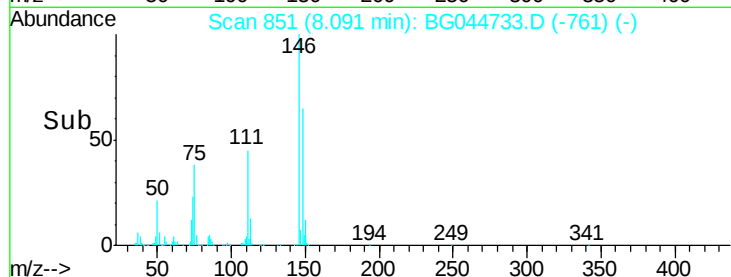
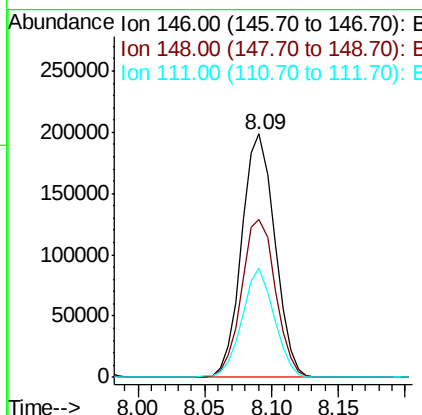
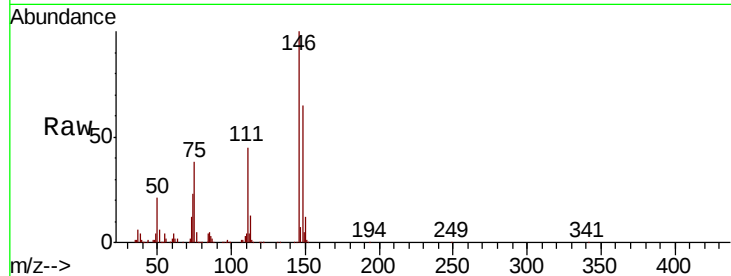
#13
 1,4-Dichlorobenzene
 Concen: 38.824 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG044733.D
 Acq: 12 Mar 2020 13:32

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.9	79.3
111	44.6	35.6	53.4

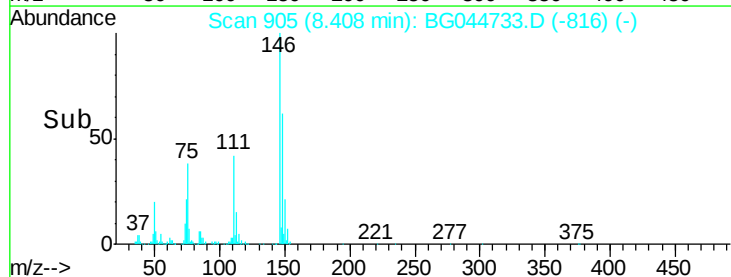
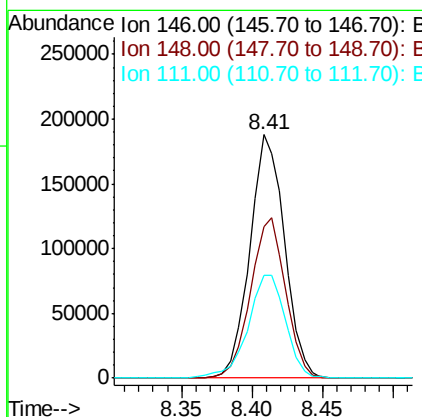
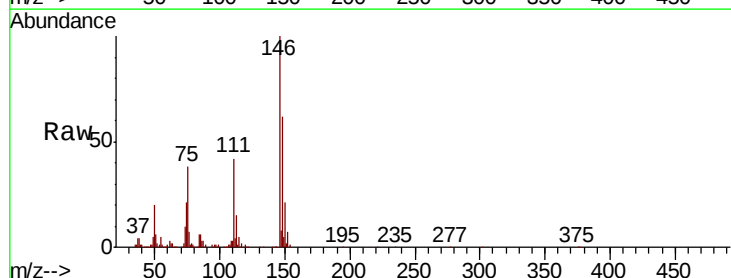
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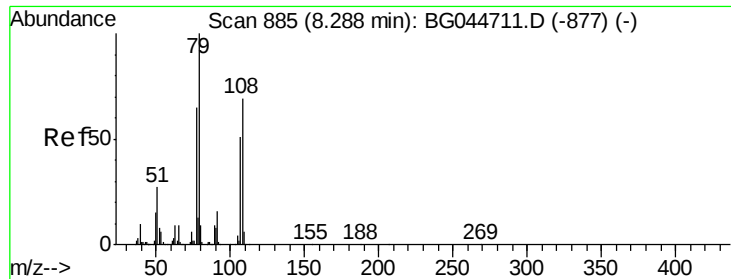
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.724 ng
 RT: 8.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BG044733.D
 Acq: 12 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.8	76.2
111	42.3	34.8	52.2





#15

Benzyl Alcohol

Concen: 42.251 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG044733.D

Acq: 12 Mar 2020 13:32

Instrument :

BNA_G

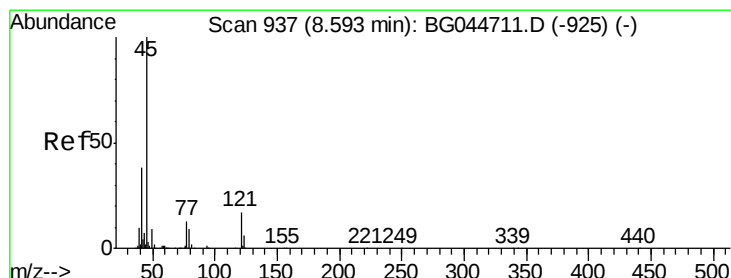
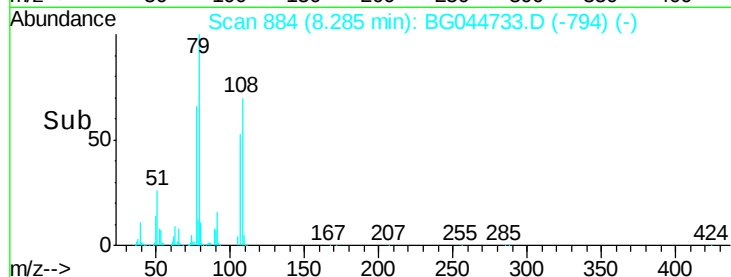
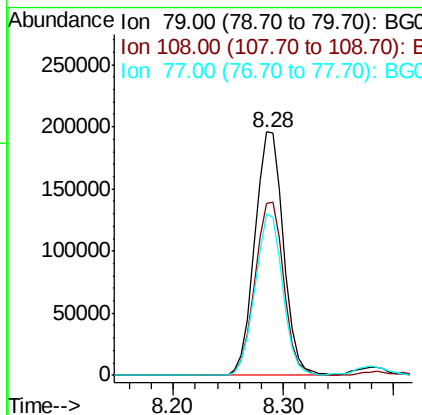
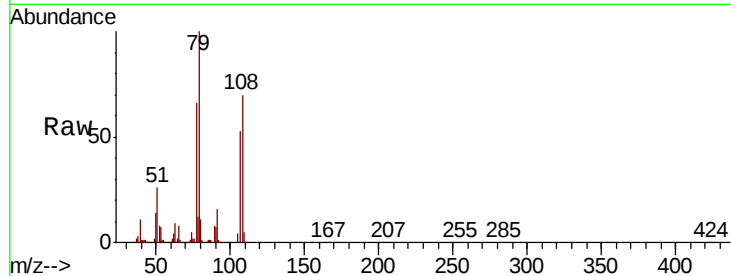
ClientSampled :

TP-1MSD

Tot Ion:	79	Resp:	356295
Ion Ratio	Lower	Upper	
79	100		
108	70.4	55.4	83.0
77	66.2	52.2	78.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.275 ng

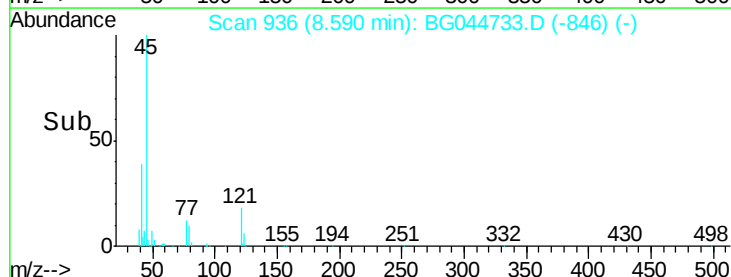
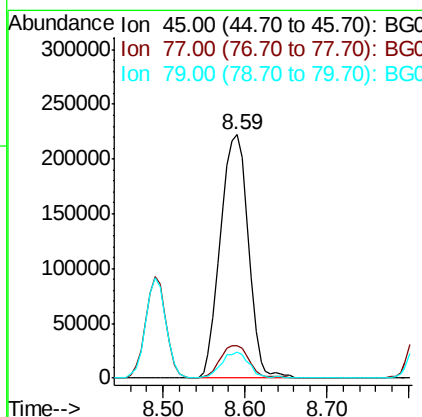
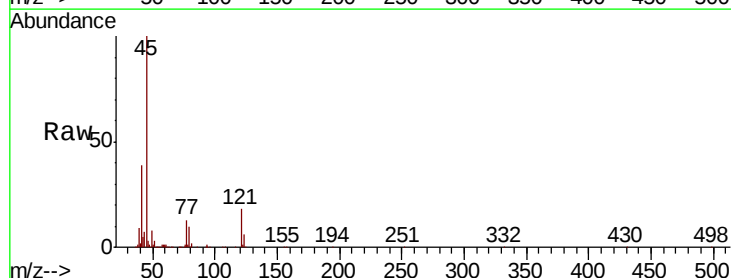
RT: 8.59 min Scan# 936

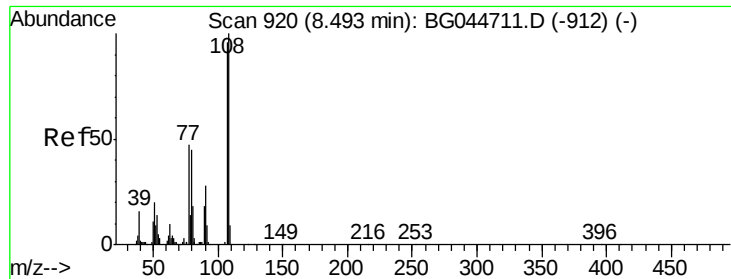
Delta R.T. -0.00 min

Lab File: BG044733.D

Acq: 12 Mar 2020 13:32

Tgt Ion:	45	Resp:	531613
Ion Ratio	Lower	Upper	
45	100		
77	13.5	0.0	33.4
79	10.5	0.0	30.0





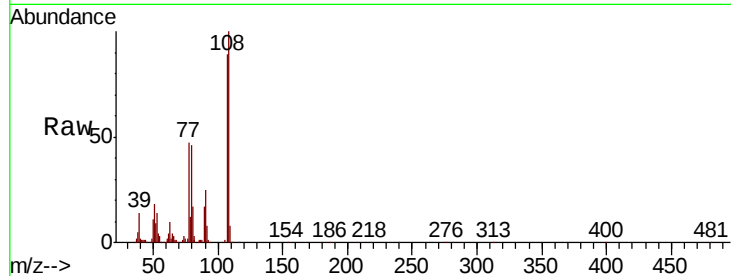
#17
2-Methylphenol
Concen: 43.899 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.8	83.2	124.8	
77	52.7	39.0	58.6	
79	51.7	37.6	56.4	

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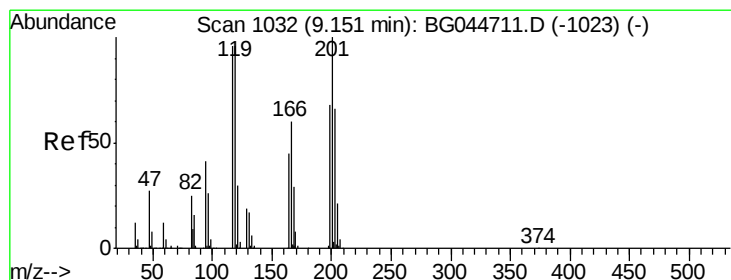
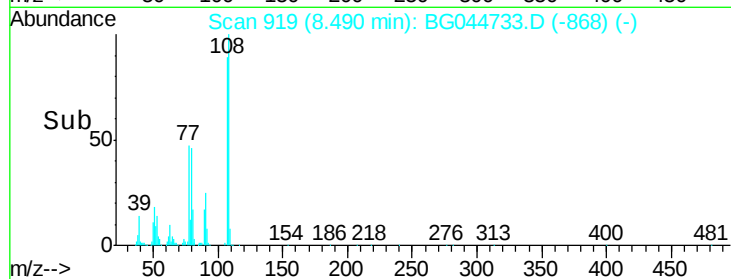
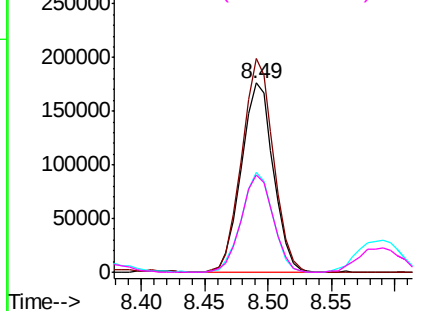
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

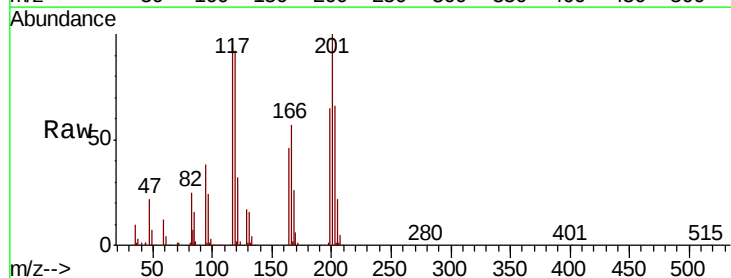
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.176 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.2	80.2	120.4	
201	106.7	83.4	125.2	

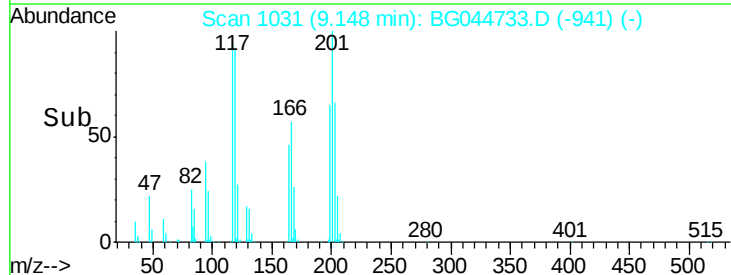
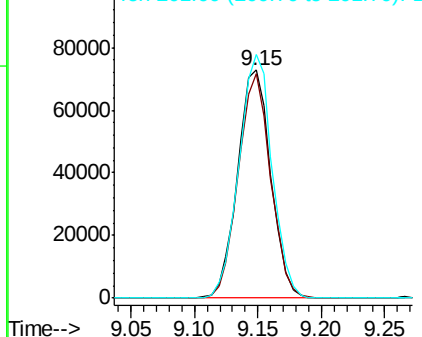


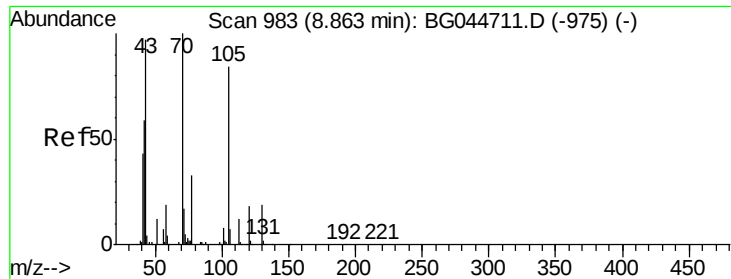
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





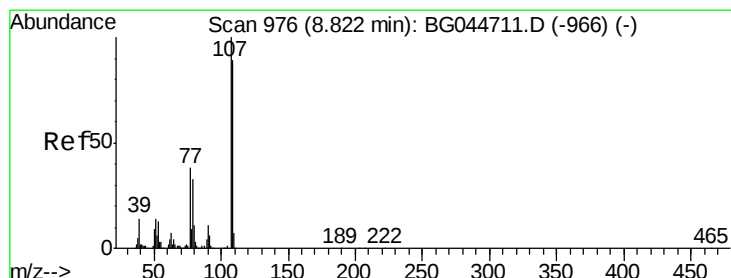
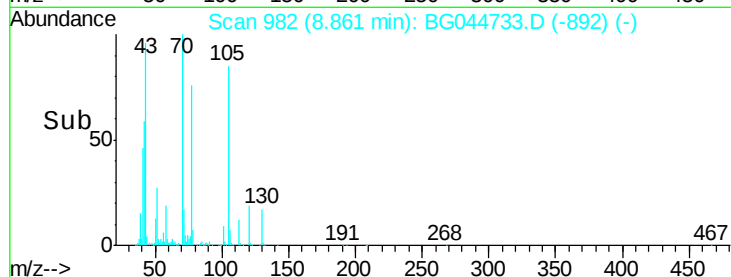
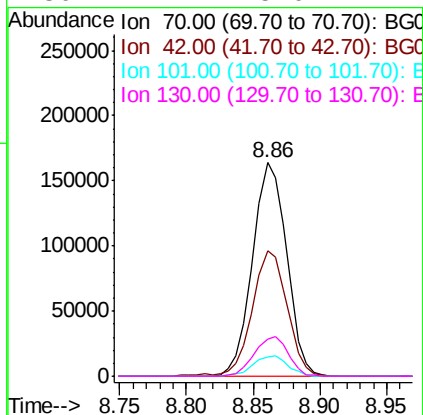
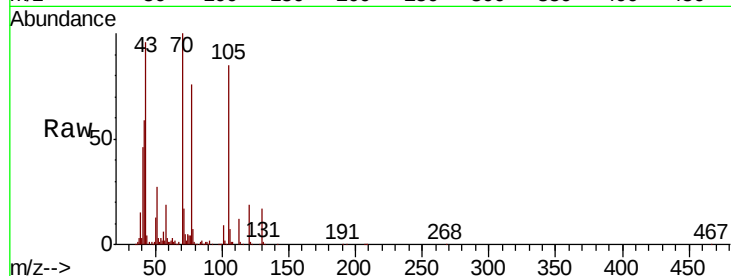
#19
n-Nitroso-di-n-propylamine
Concen: 39.137 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.9	47.6	71.4	
101	9.2	6.5	9.7	
130	17.4	15.0	22.4	

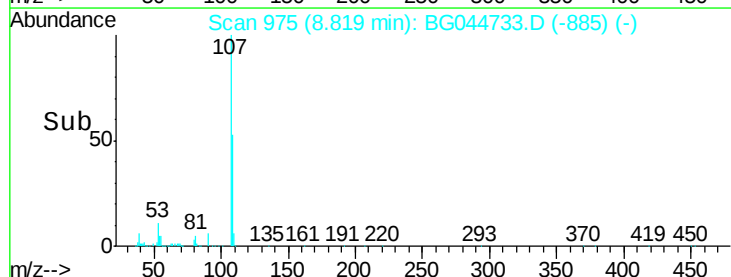
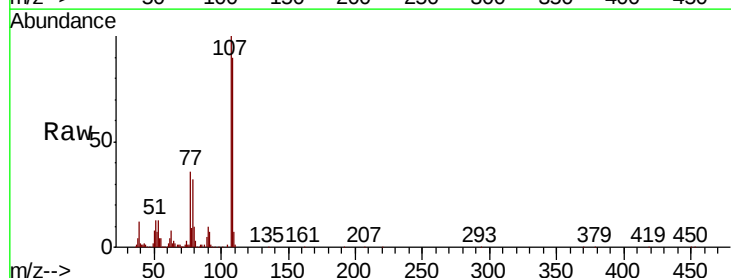
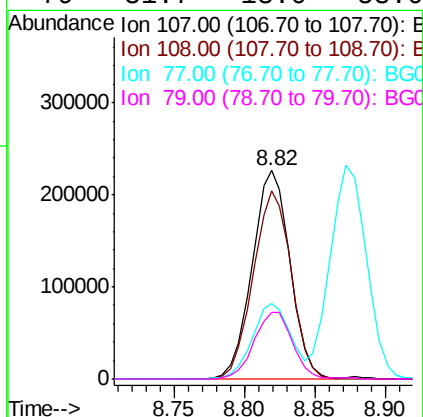
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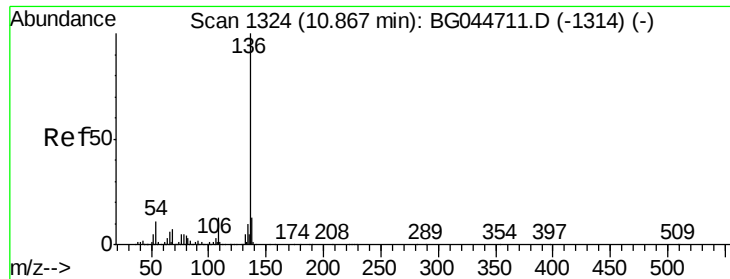
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#20
3+4-Methylphenols
Concen: 43.911 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.5	69.1	109.1	
77	36.4	17.7	57.7	
79	31.7	13.0	53.0	





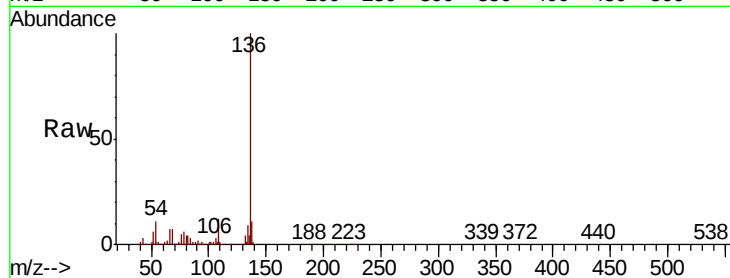
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

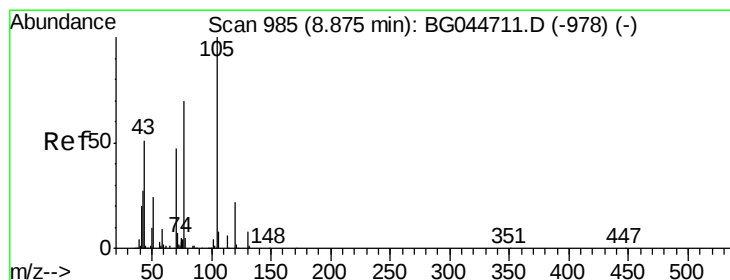
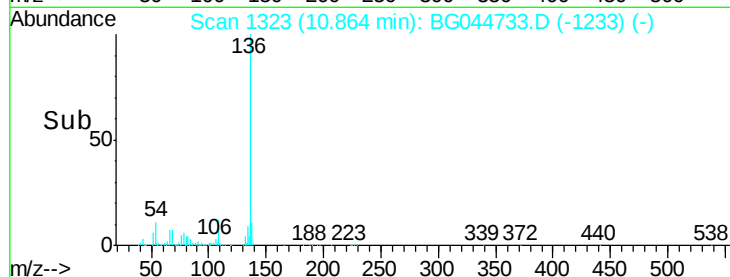
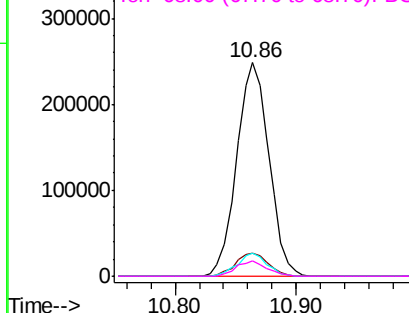
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		461205		
137	10.9	10.7	16.1		
54	10.6	9.0	13.4		
68	7.2	5.9	8.9		

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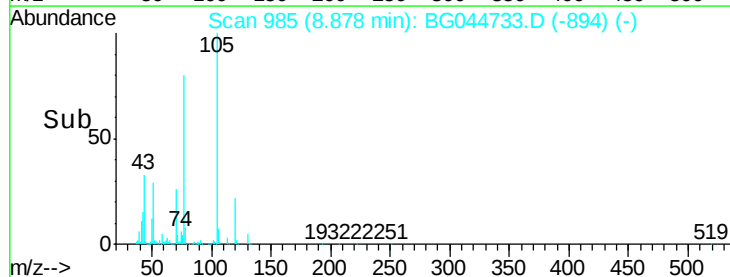
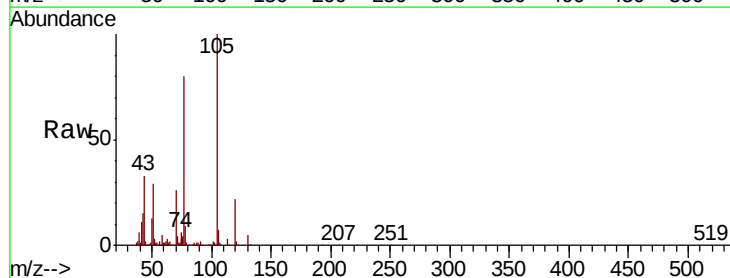
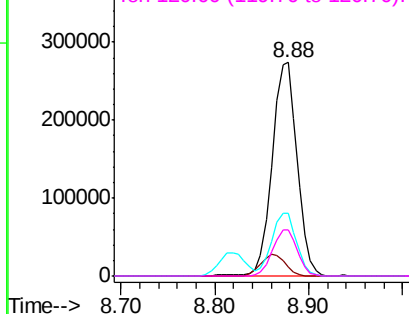
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

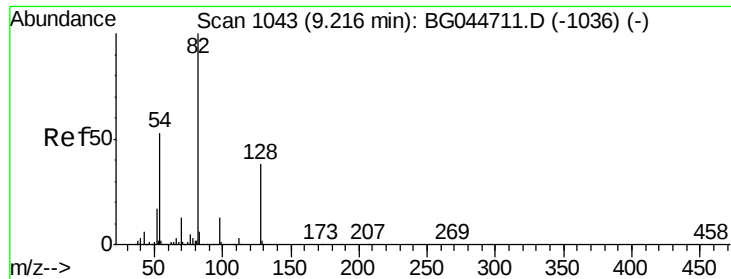


#22
Acetophenone
Concen: 38.510 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		503171		
71	4.0	5.8	8.8#		
51	29.3	23.8	35.8		
120	21.8	17.3	25.9		

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





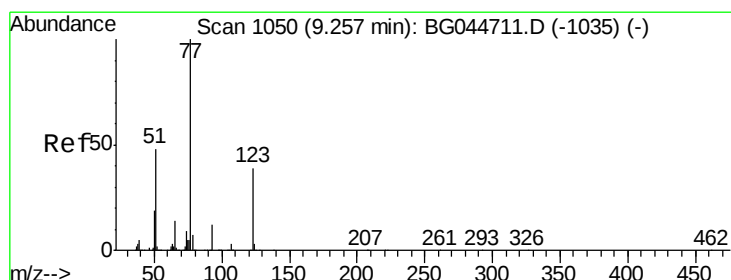
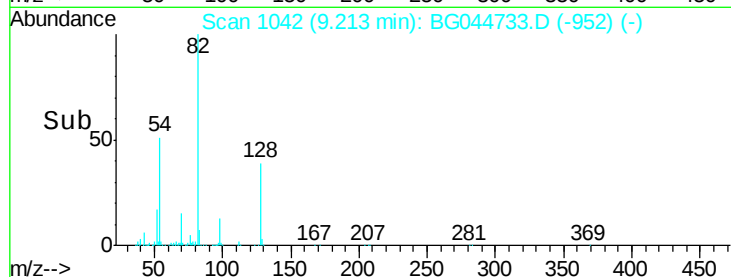
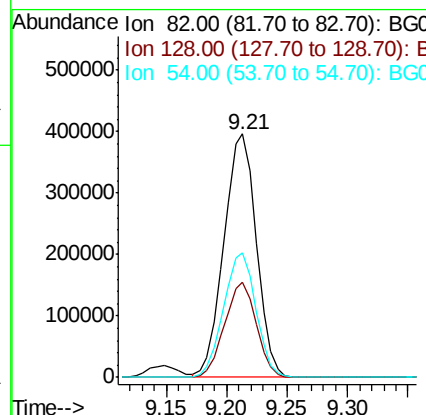
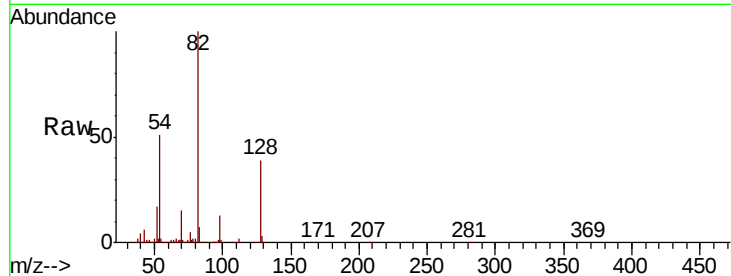
#23
Nitrobenzene-d5
Concen: 70.029 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Instrument :
BNA_G
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.9	30.2	45.2
54	51.0	41.8	62.8

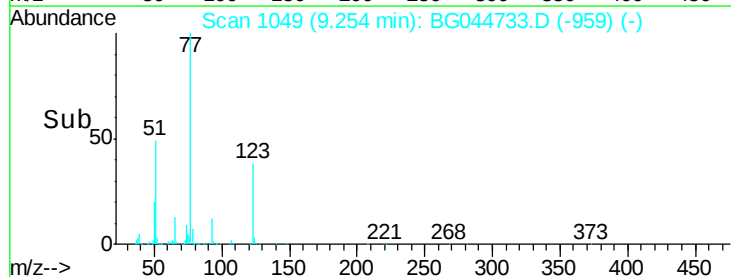
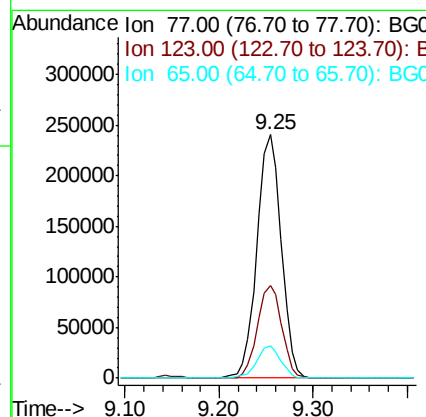
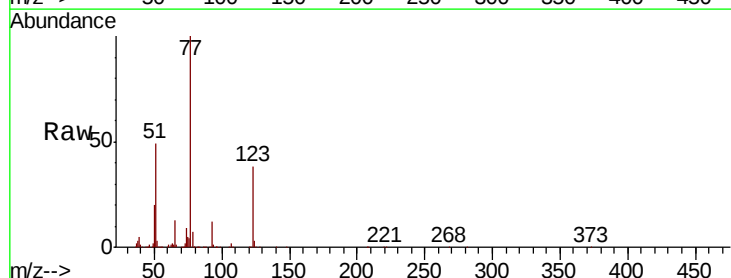
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#24
Nitrobenzene
Concen: 39.529 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.2	31.5	47.3
65	13.4	11.0	16.4





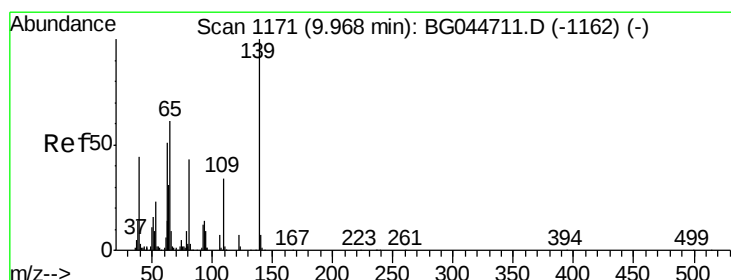
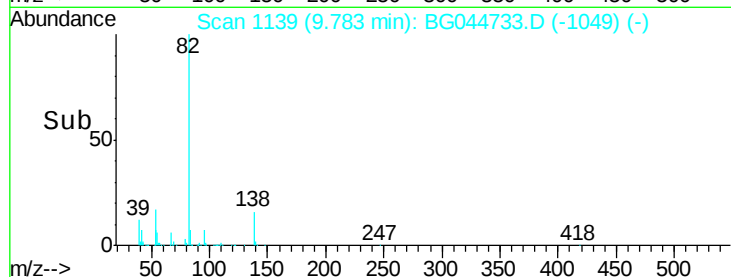
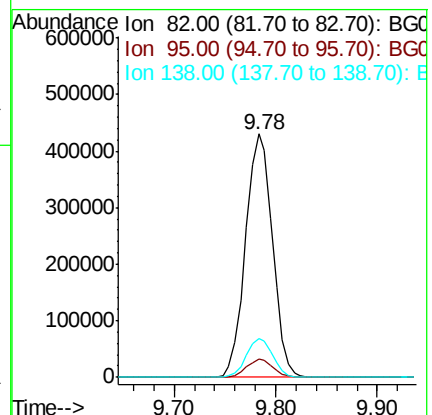
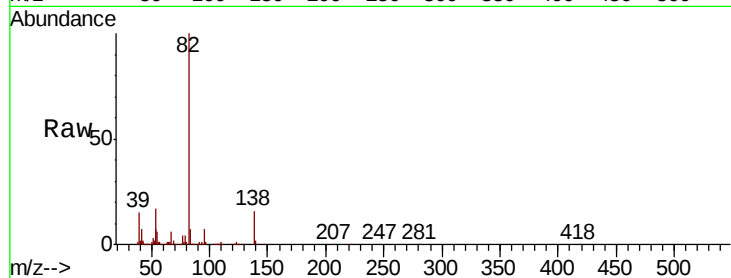
#25
Isophorone
Concen: 38.533 ng
RT: 9.78 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.6	8.4
138	15.9	13.0	19.4

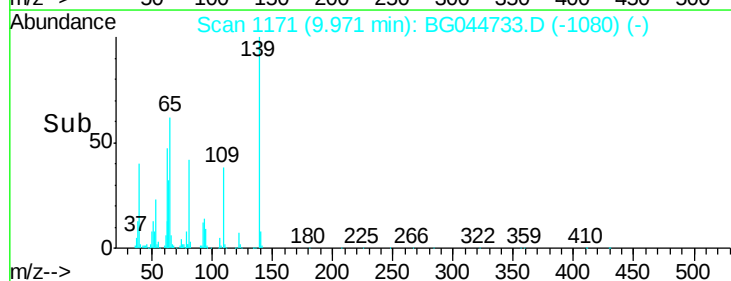
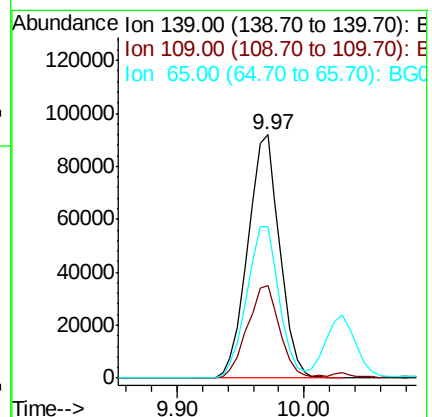
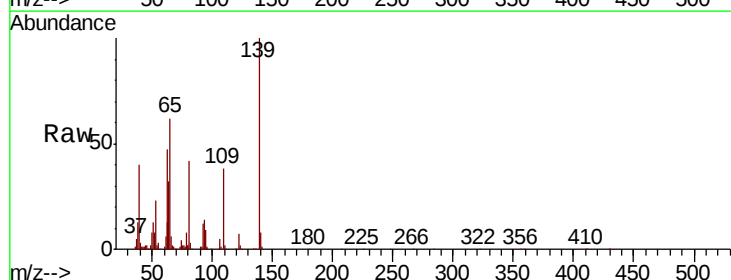
Manual Integrations
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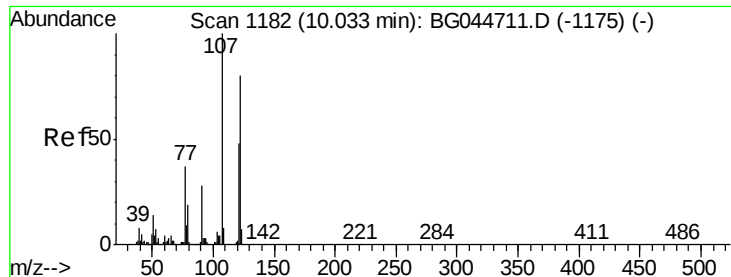
mohammad
3/16/2020 1:48:13 PM



#26
2-Nitrophenol
Concen: 43.117 ng
RT: 9.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	37.8	27.0	40.4
65	62.2	48.6	73.0





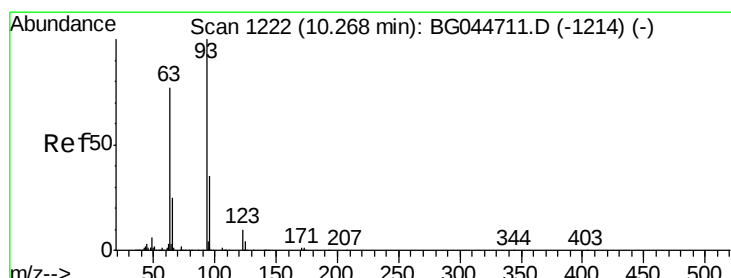
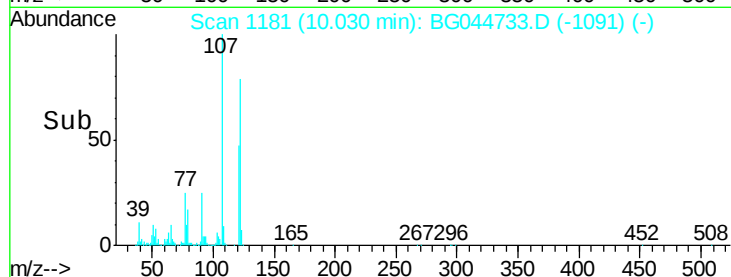
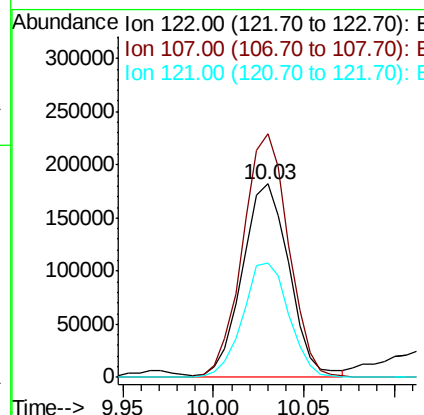
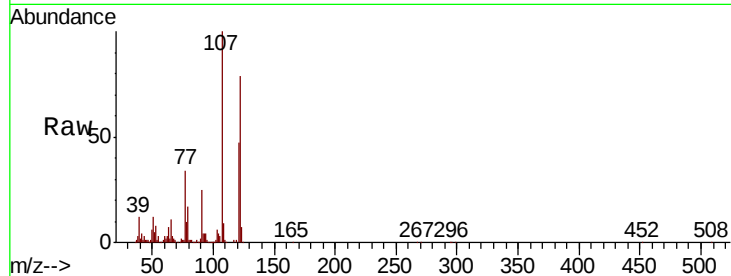
#27
2,4-Dimethylphenol
Concen: 48.819 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.1	99.0	148.6
121	59.0	47.6	71.4

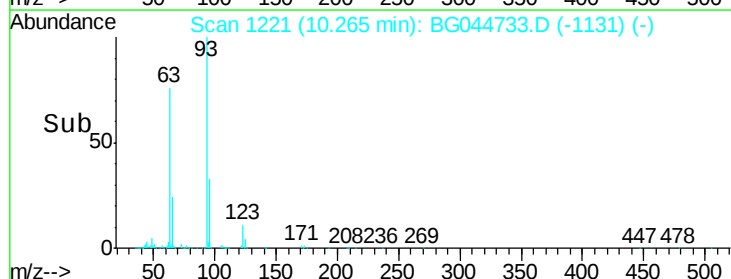
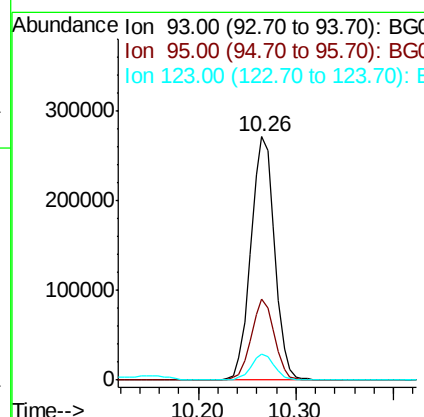
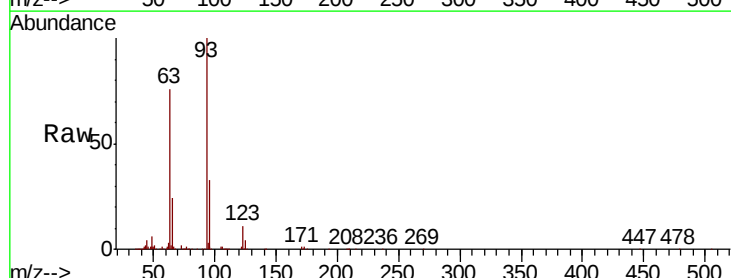
Manual Integrations
APPROVED

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#28
bis(2-Chloroethoxy)methane
Concen: 37.741 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	27.7	41.5
123	10.9	8.1	12.1





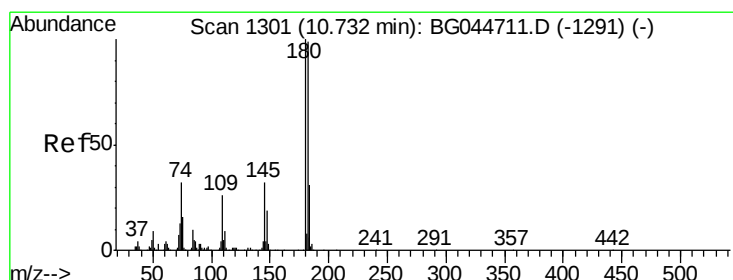
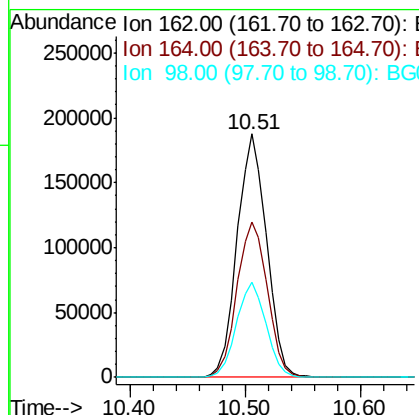
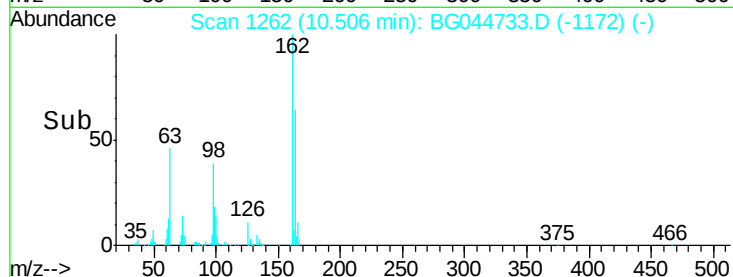
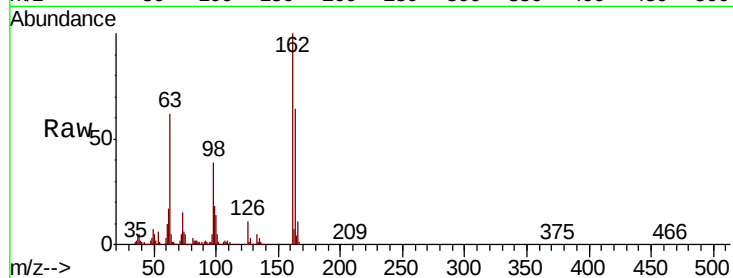
#29
 2,4-Dichlorophenol
 Concen: 42.481 ng
 RT: 10.51 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BG044733.D
 Acq: 12 Mar 2020 13:32

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Tot Ion:	162	Resp:	331460
Ion Ratio	Lower	Upper	
162	100		
164	63.7	46.5	86.5
98	38.9	18.1	58.1

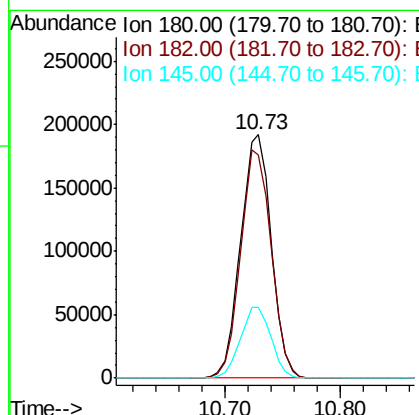
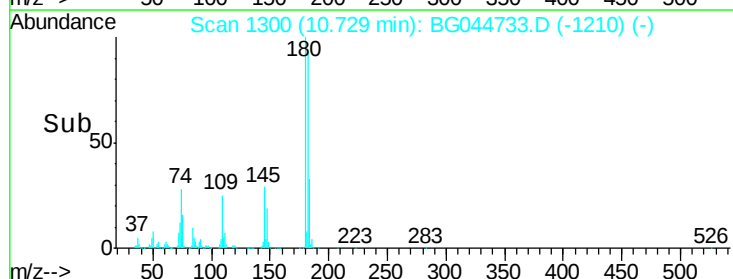
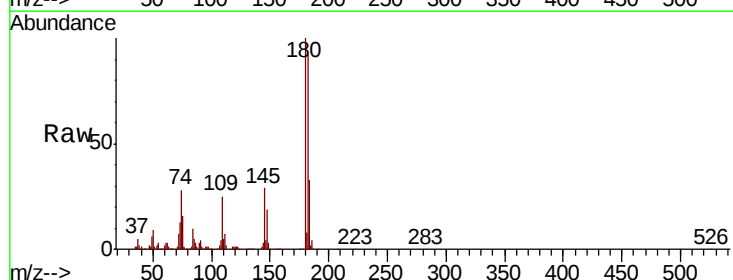
Manual Integrations
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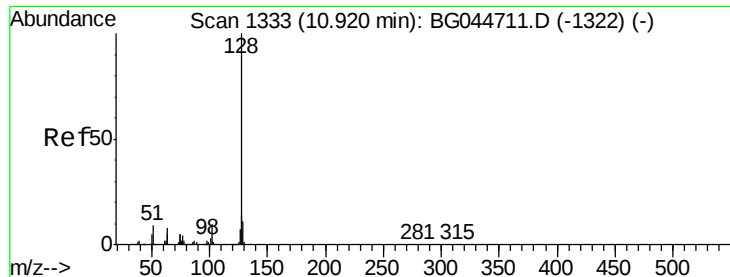
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.814 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BG044733.D
 Acq: 12 Mar 2020 13:32

Tgt Ion:	180	Resp:	352781
Ion Ratio	Lower	Upper	
180	100		
182	91.6	78.8	118.2
145	29.3	25.4	38.0





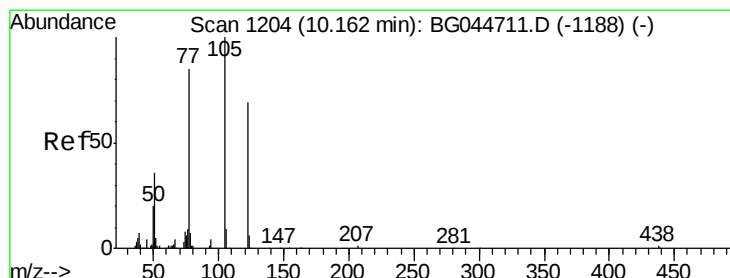
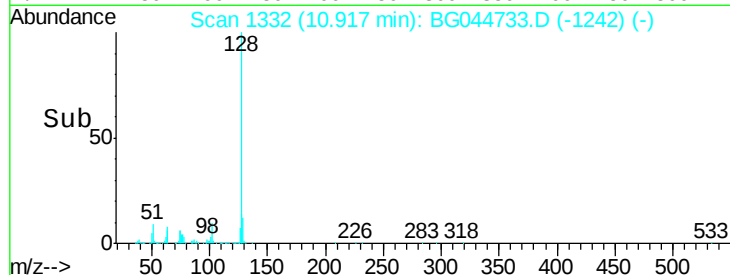
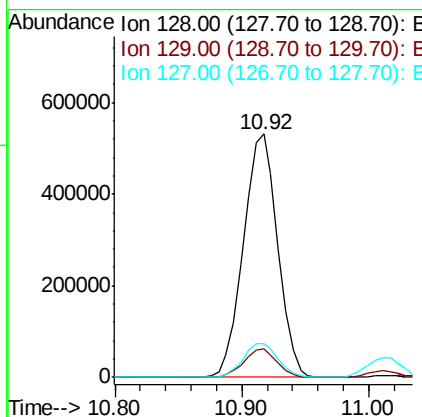
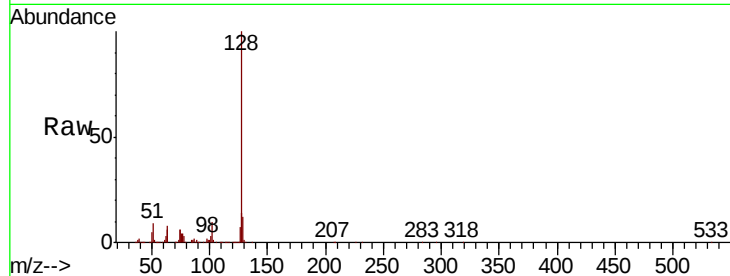
#31
Naphthalene
Concen: 38.908 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.8	9.0	13.4	
127	13.9	11.0	16.6	

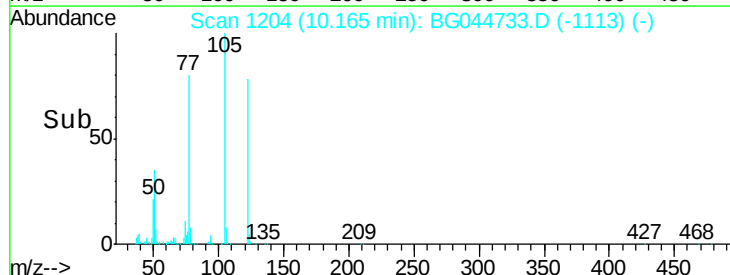
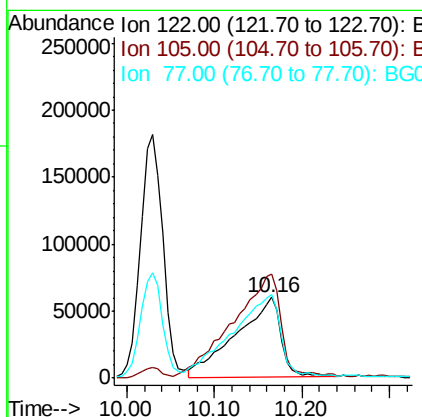
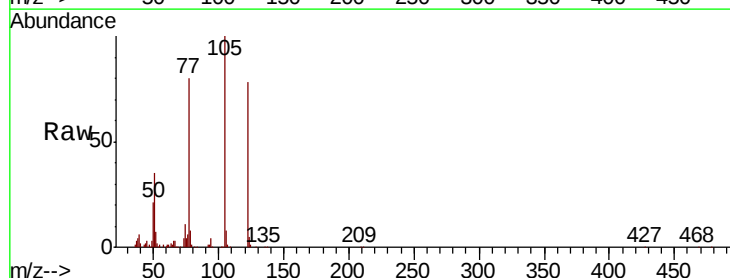
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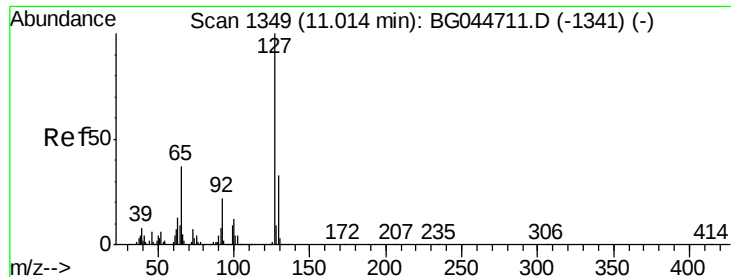
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#32
Benzoic acid
Concen: 41.705 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	128.3	119.0	159.0	
77	102.8	96.4	136.4	





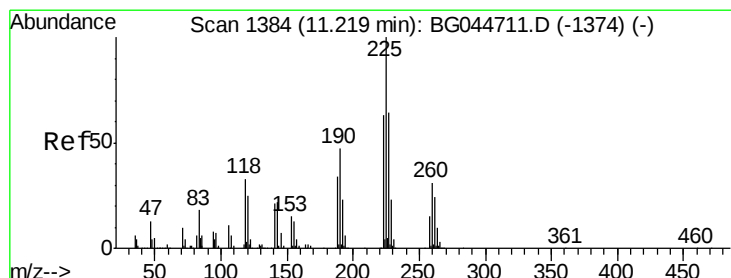
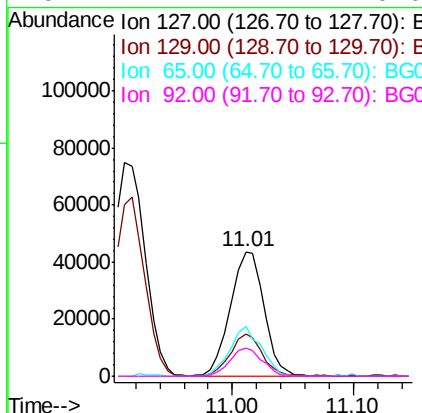
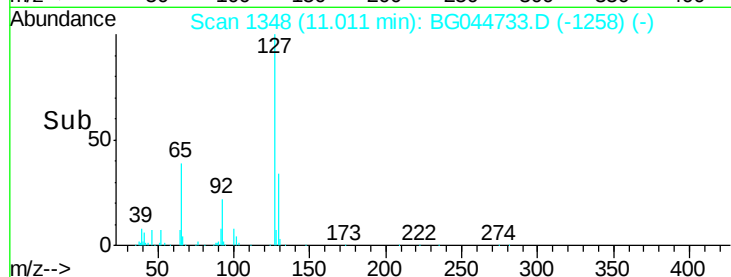
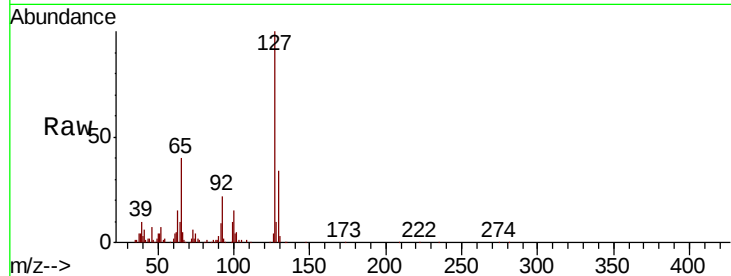
#33
4-Chloroaniline
Concen: 7.409 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.2	39.4
65	40.3	29.6	44.4
92	22.2	17.4	26.0

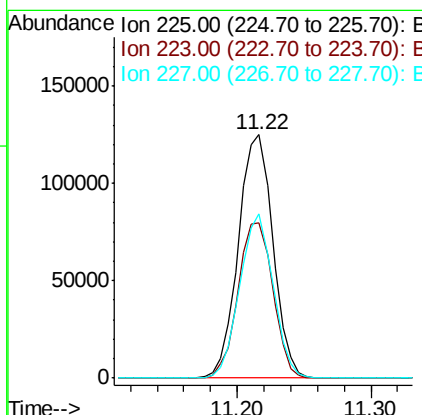
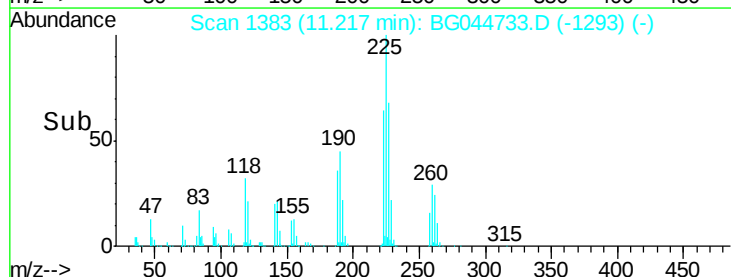
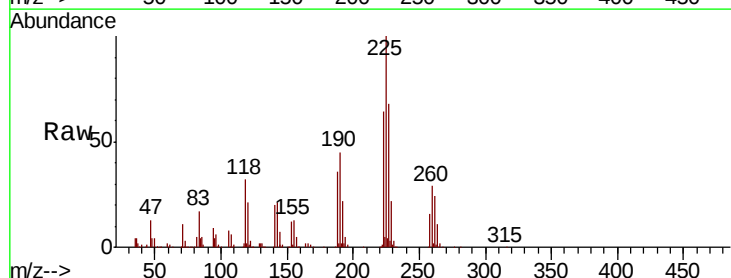
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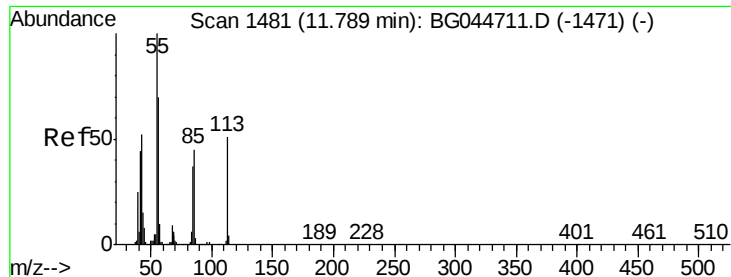
mohammad
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#34
Hexachlorobutadiene
Concen: 36.531 ng
RT: 11.22 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	67.6	51.6	77.4





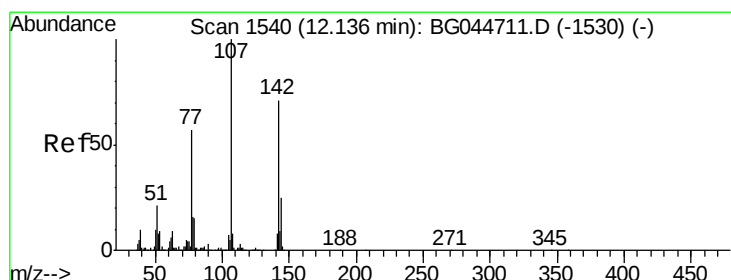
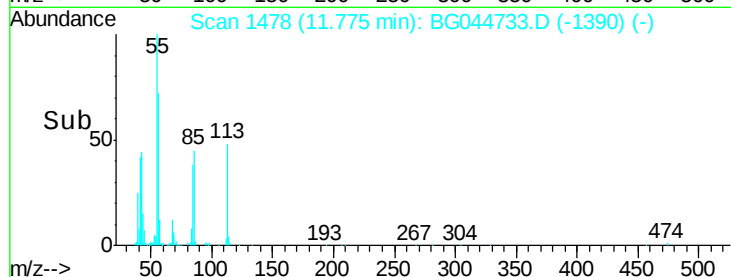
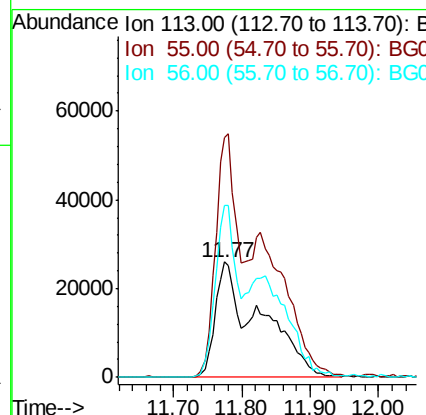
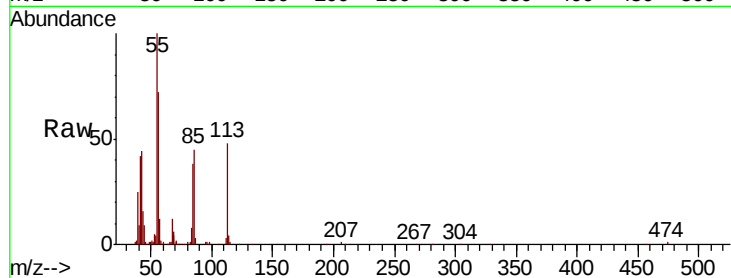
#35
 Caprolactam
 Concen: 40.132 ng/ml
 RT: 11.77 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BG044733.D
 Acq: 12 Mar 2020 13:32

Instrument :
 BNA_G
 ClientSampleID :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	207.3	178.4	218.4
56	148.7	117.7	157.7

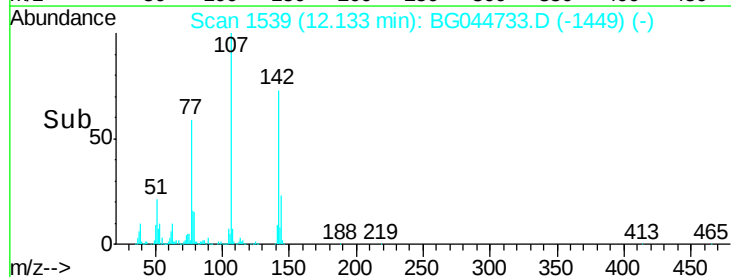
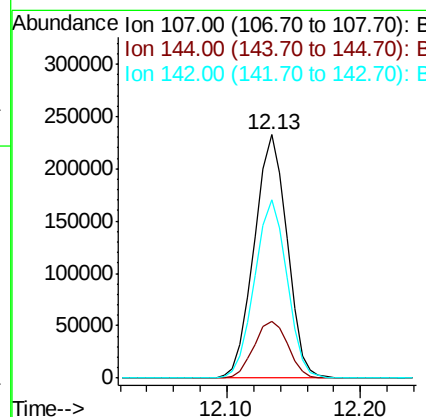
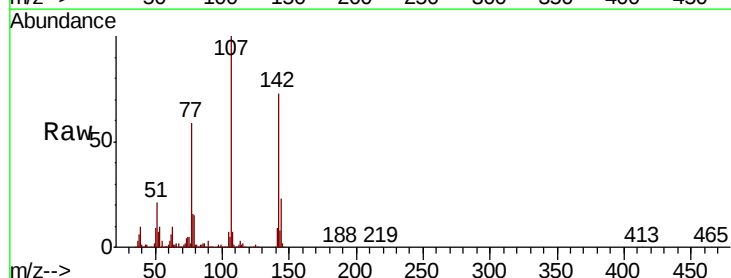
Manual Integrations
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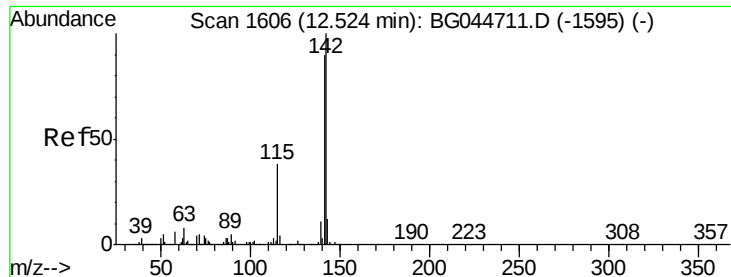
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 42.423 ng/ml
 RT: 12.13 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BG044733.D
 Acq: 12 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.3	19.6	29.4
142	73.0	56.5	84.7





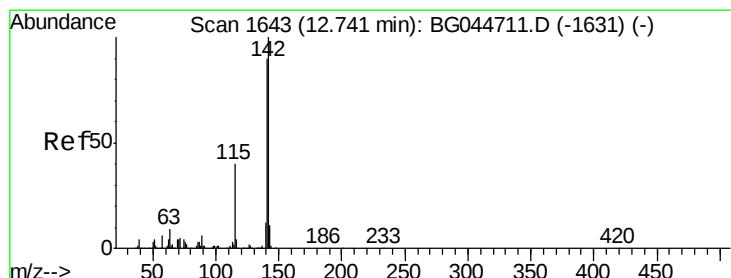
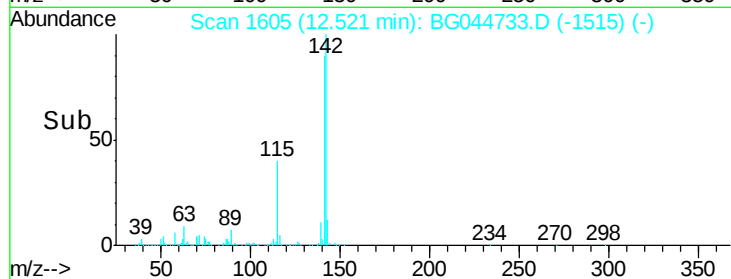
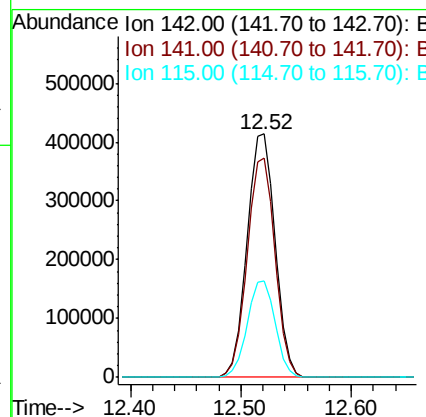
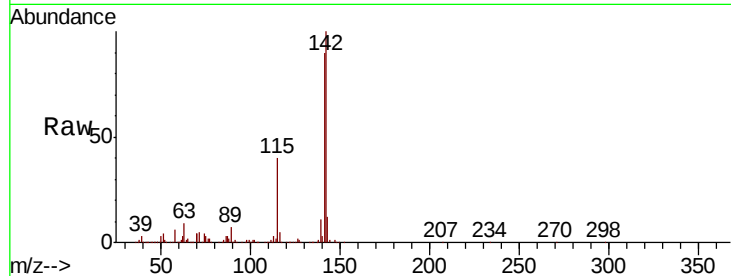
#37
2-Methylnaphthalene
Concen: 38.678 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.3	108.5
115	39.8	30.6	45.8

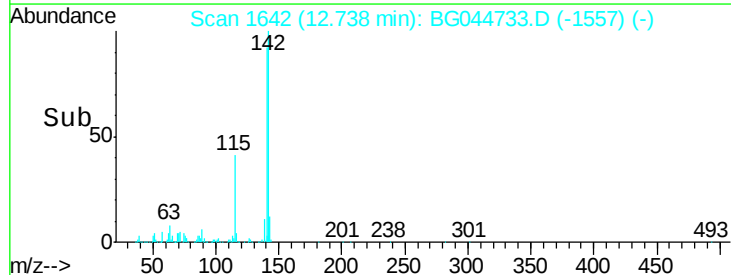
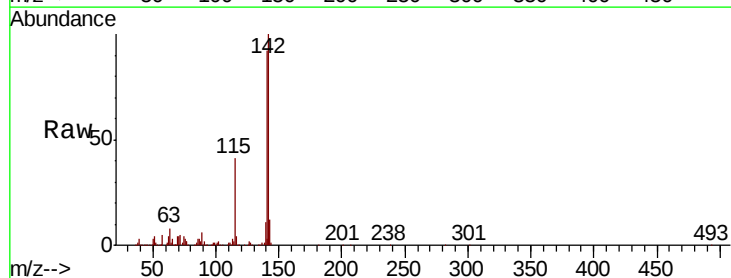
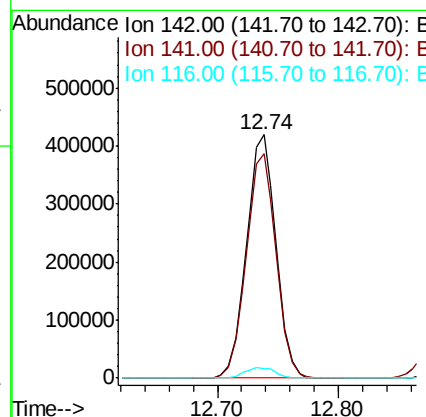
Manual Integrations
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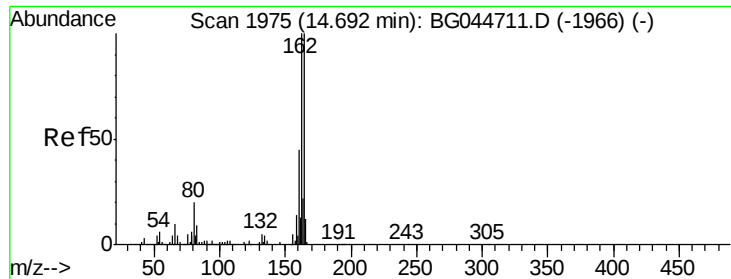
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#38
1-Methylnaphthalene
Concen: 39.489 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	72.2	108.2
116	4.1	3.5	5.3





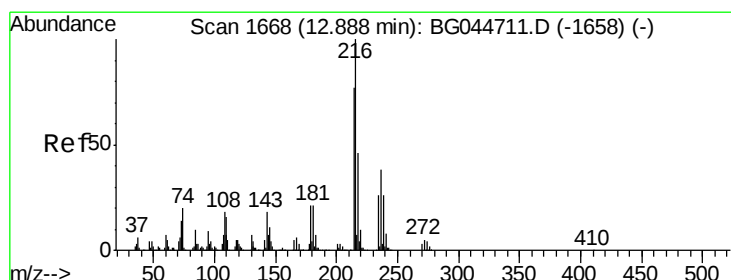
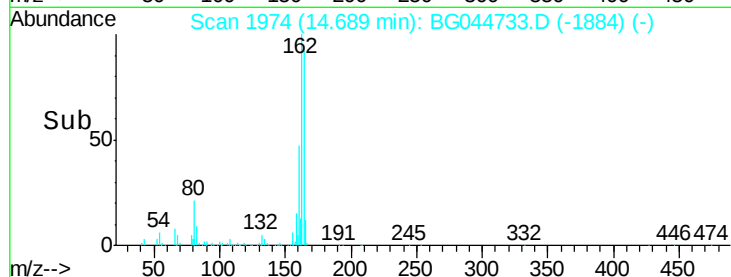
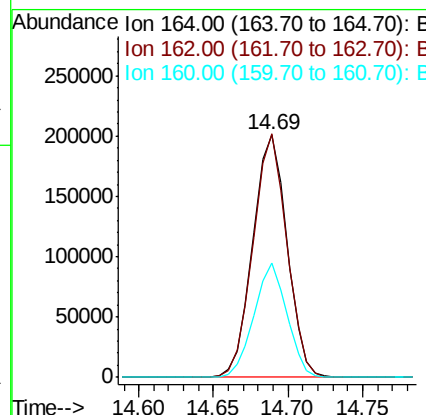
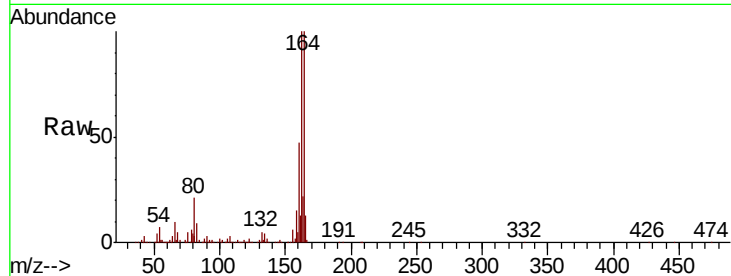
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.2	120.4
160	47.2	36.2	54.2

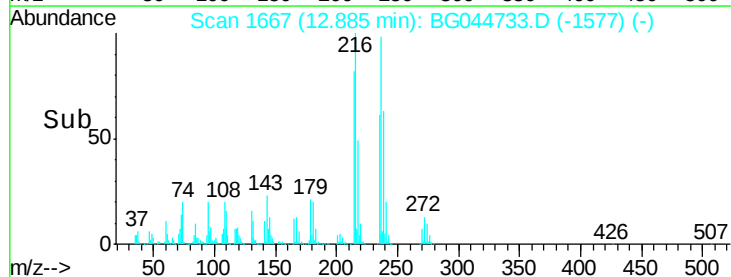
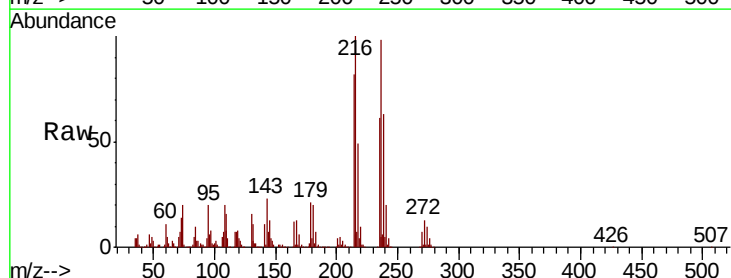
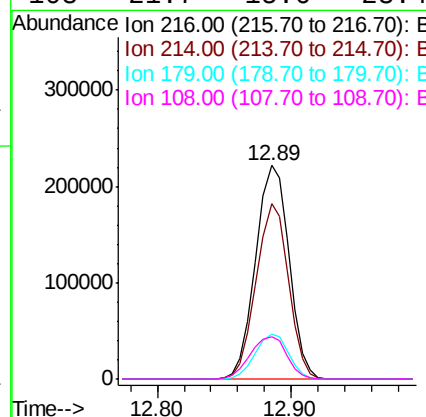
Manual Integrations
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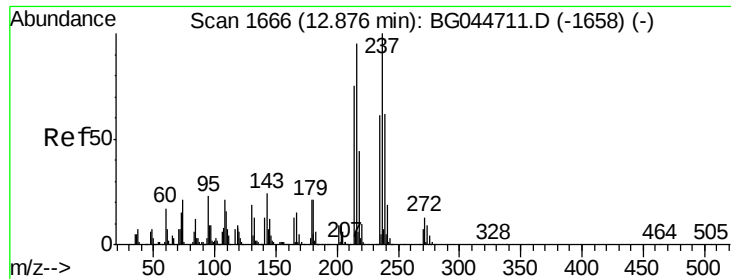
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.597 ng
RT: 12.89 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	21.1	16.6	24.8
108	21.7	15.6	23.4





#41

Hexachlorocyclopentadiene

Concen: 89.697 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG044733.D

Acq: 12 Mar 2020 13:32

Instrument :

BNA_G

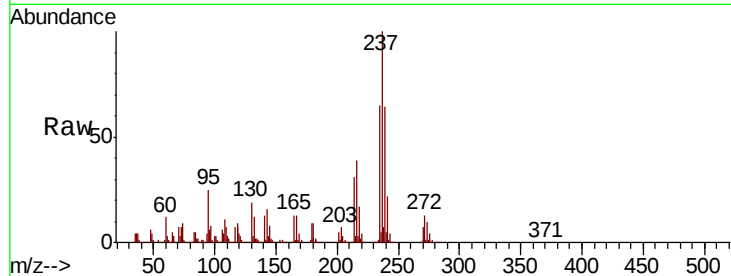
ClientSampleId :

TP-1MSD

Tot Ion:	237	Resp:	513018
Ion Ratio	Lower	Upper	
237	100		
235	64.8	40.6	80.6
272	12.6	0.0	32.5

Manual Integrations
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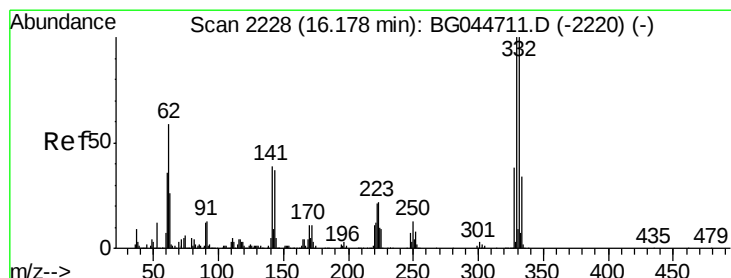
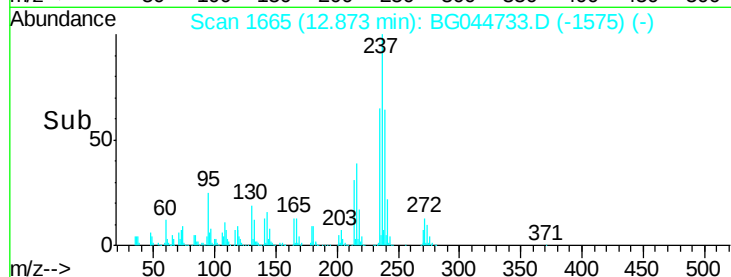
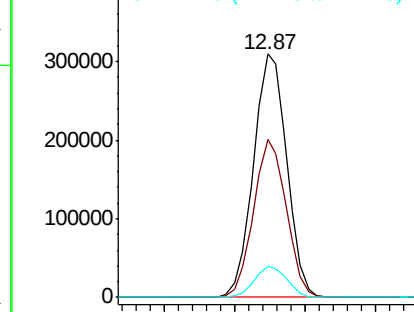


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 105.297 ng

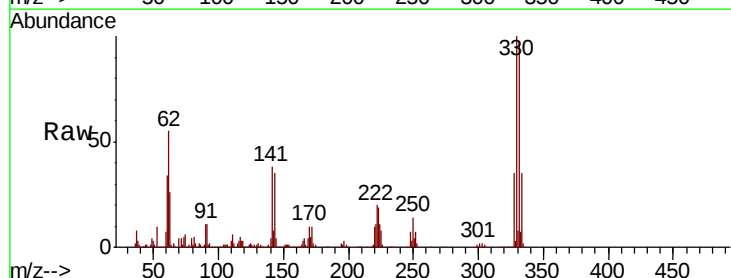
RT: 16.18 min Scan# 2227

Delta R.T. -0.00 min

Lab File: BG044733.D

Acq: 12 Mar 2020 13:32

Tgt Ion:	330	Resp:	438126
Ion Ratio	Lower	Upper	
330	100		
332	97.8	77.5	116.3
141	39.8	31.7	47.5

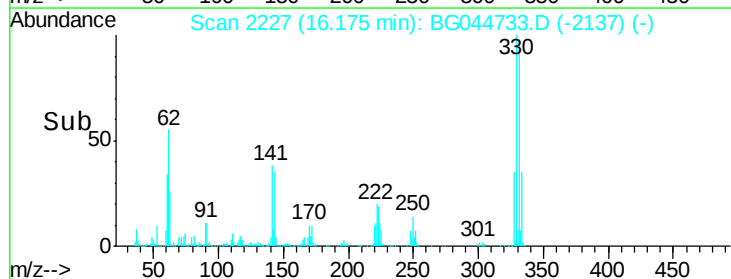
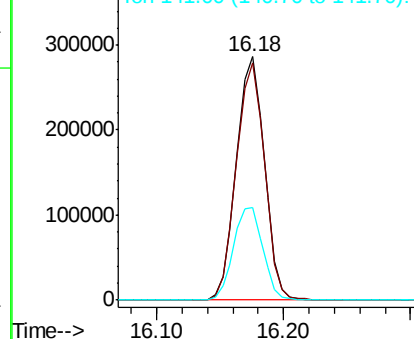


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





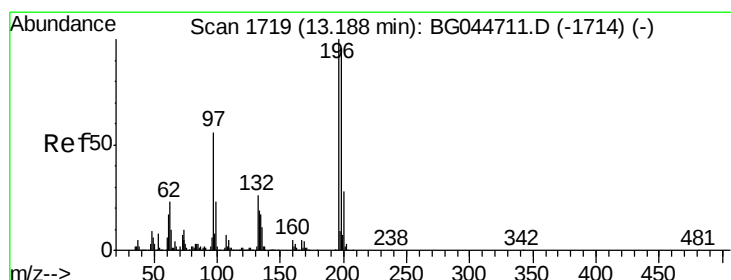
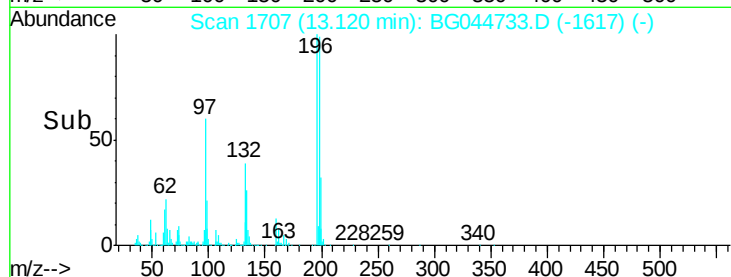
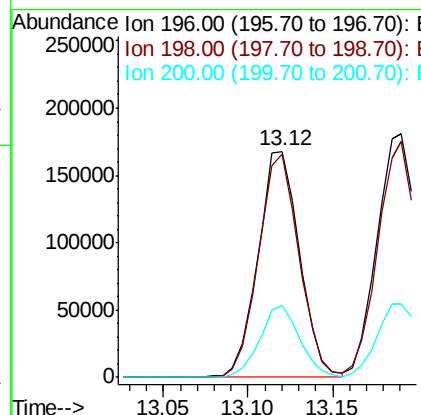
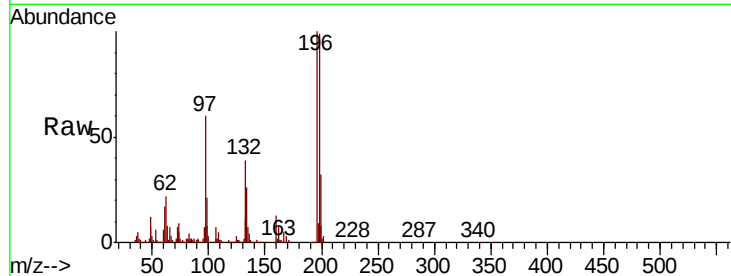
#43
 2,4,6-Trichlorophenol
 Concen: 41.096 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG044733.D
 Acq: 12 Mar 2020 13:32

Instrument :
 BNA_G
 ClientSampleId :
 TP-1MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.6	76.5	114.7
200	31.8	25.9	38.9

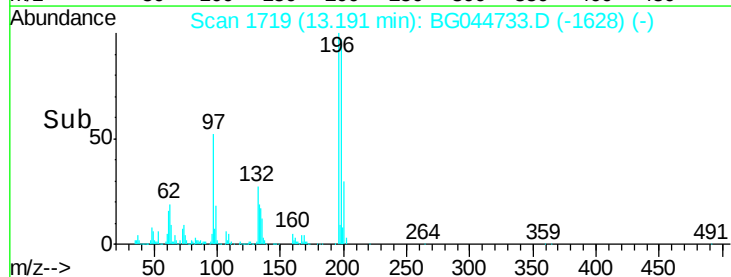
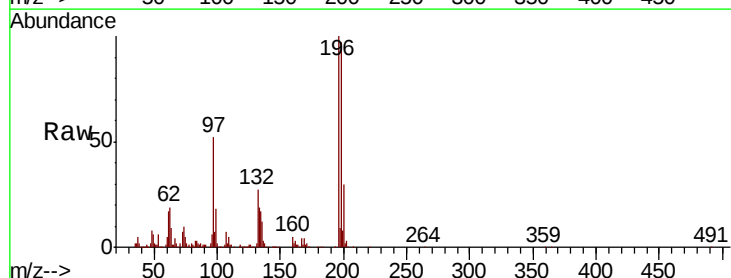
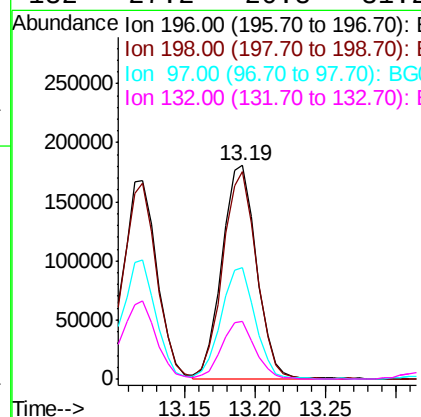
Manual Integrations
 APPROVED

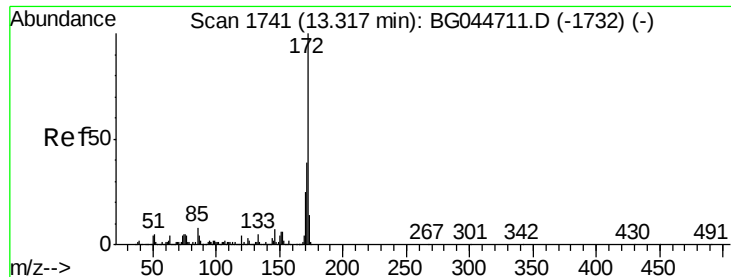
mohammad
 3/16/2020 1:48:13 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.483 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG044733.D
 Acq: 12 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.3	115.9
97	52.0	44.9	67.3
132	27.2	20.8	31.2





#45

2-Fluorobiphenyl

Concen: 67.054 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.00 min

Lab File: BG044733.D

Acq: 12 Mar 2020 13:32

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tot Ion:172 Resp: 1487998

Ion Ratio Lower Upper

172 100

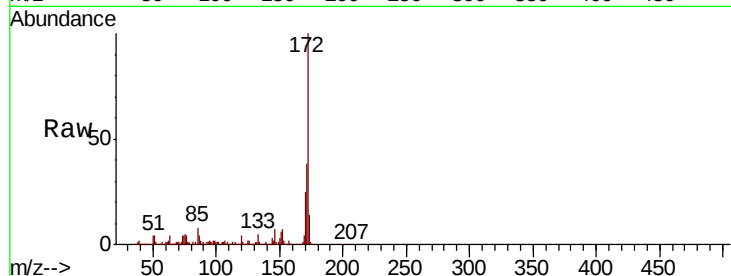
171 38.5 30.8 46.2

170 25.3 20.0 30.0

Manual Integrations
APPROVED

mohammad

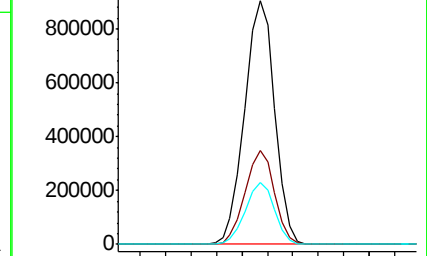
3/16/2020 1:48:13 PM



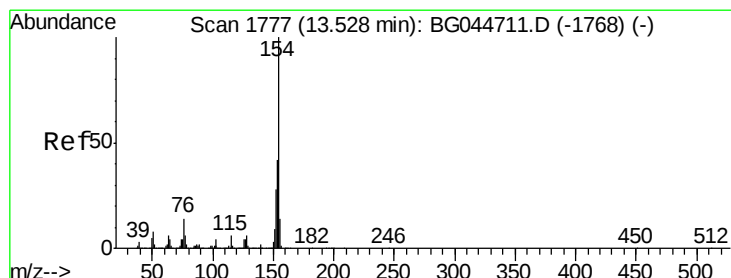
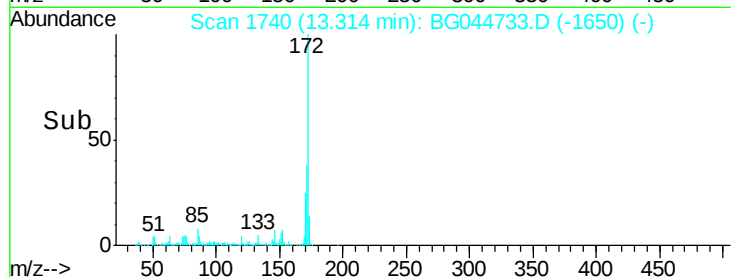
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->



#46

1,1'-Biphenyl

Concen: 36.857 ng

RT: 13.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BG044733.D

Acq: 12 Mar 2020 13:32

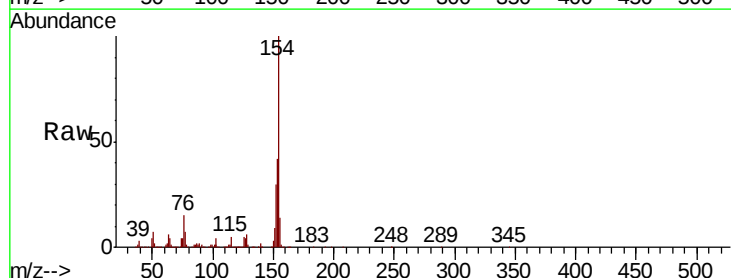
Tgt Ion:154 Resp: 935968

Ion Ratio Lower Upper

154 100

153 42.0 22.0 62.0

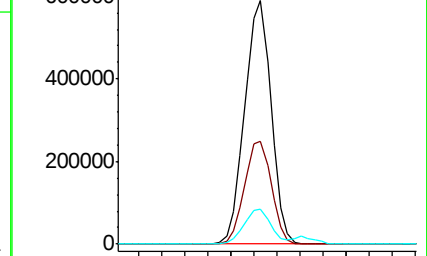
76 14.5 0.0 34.2



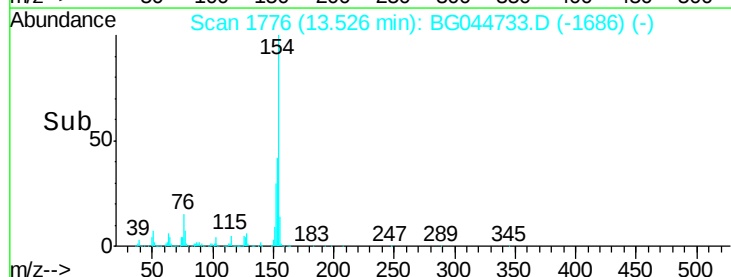
Abundance Ion 154.00 (153.70 to 154.70): E

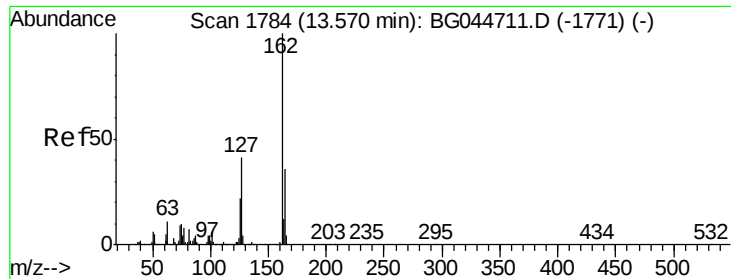
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG



Time-->





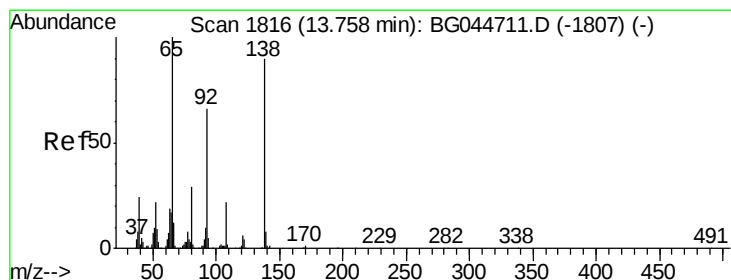
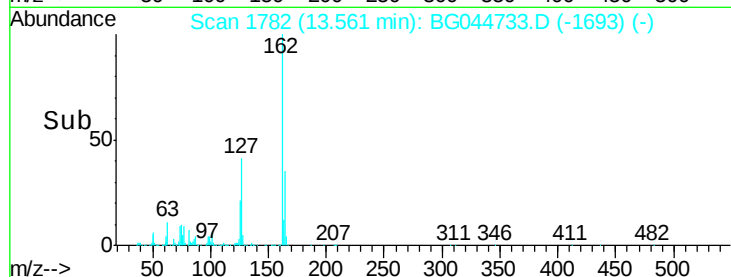
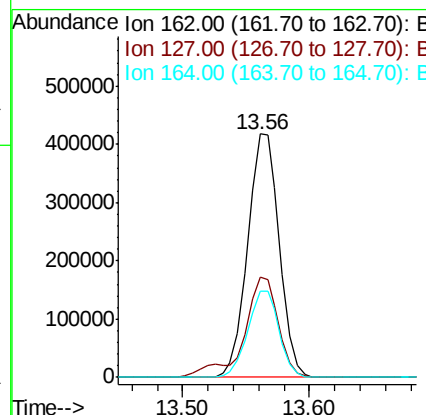
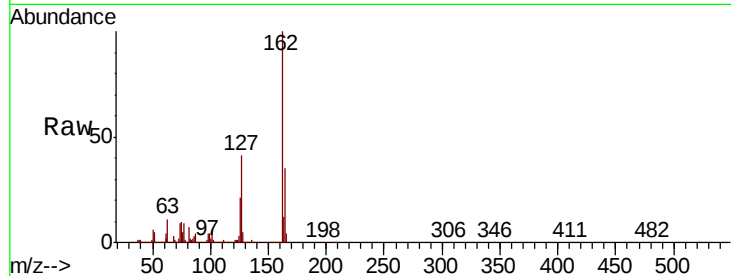
#47
2-Chloronaphthalene
Concen: 37.079 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	32.6	48.8
164	35.2	29.0	43.4

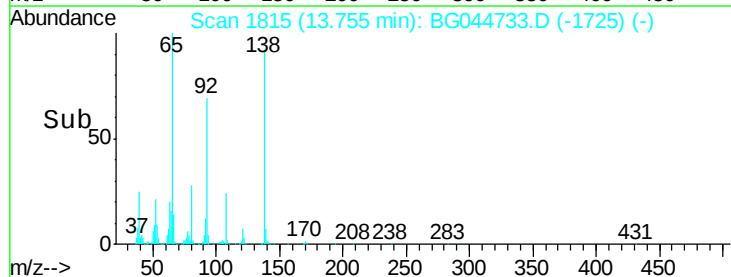
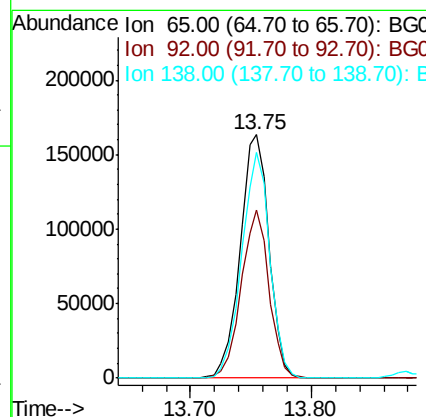
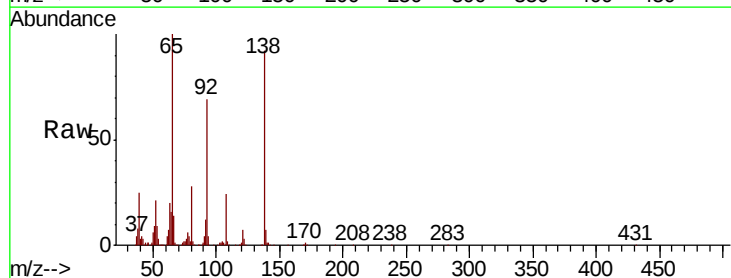
Manual Integrations
APPROVED

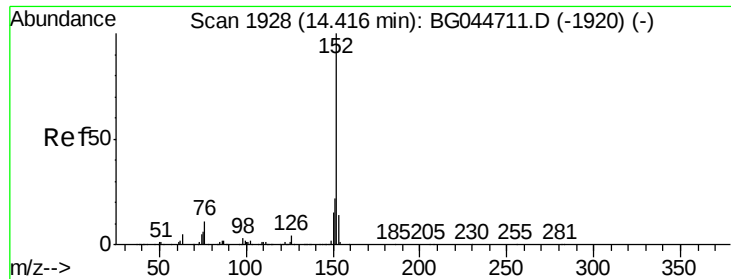
mohammad
3/16/2020 1:48:13 PM



#48
2-Nitroaniline
Concen: 40.148 ng
RT: 13.75 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.8	52.6	79.0
138	92.5	71.8	107.6





#49

Acenaphthylene

Concen: 39.267 ng

RT: 14.41 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG044733.D

Acq: 12 Mar 2020 13:32

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tot Ion:152 Resp: 1193400

Ion Ratio Lower Upper

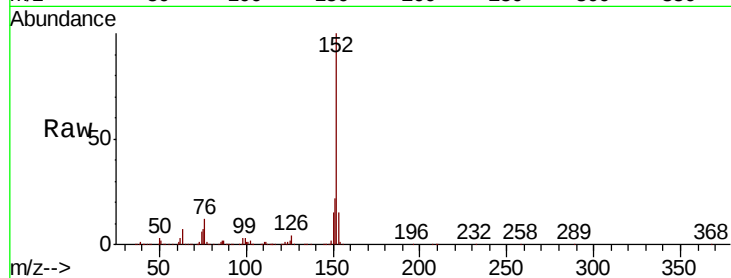
152 100

151 22.2 17.8 26.8

153 14.7 11.4 17.0

Manual Integrations
APPROVED

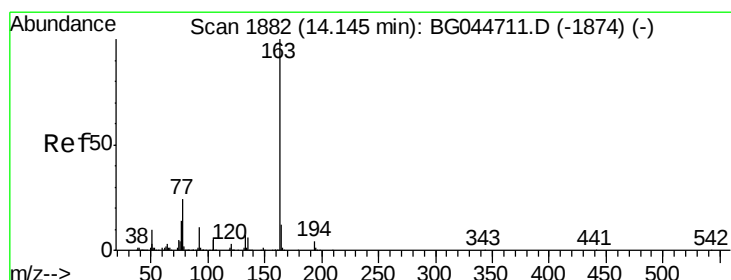
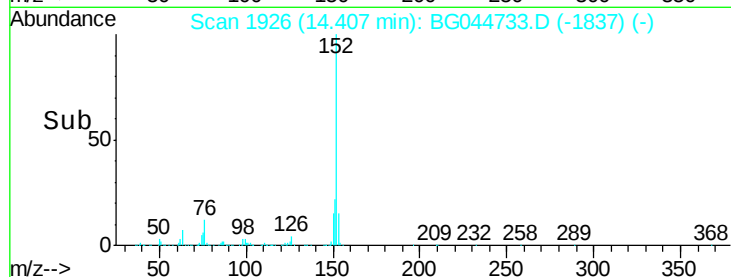
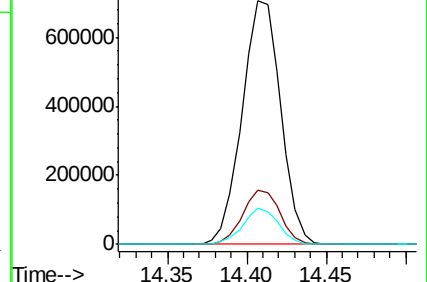
mohammad
3/16/2020 1:48:13 PM



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: 41.739 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BG044733.D

Acq: 12 Mar 2020 13:32

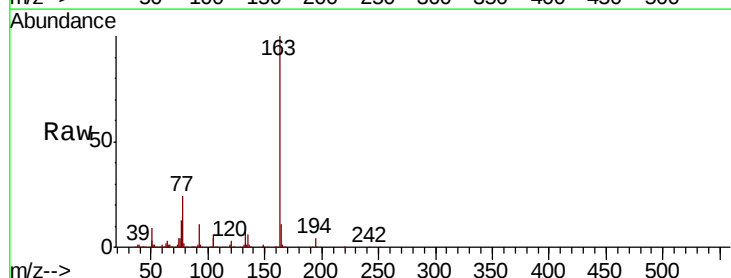
Tgt Ion:163 Resp: 1056402

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

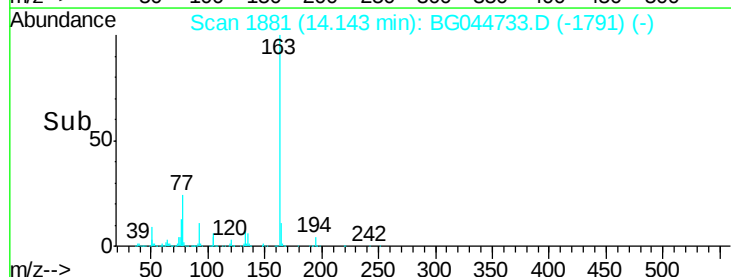
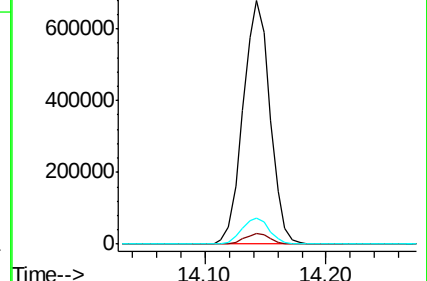
164 10.9 9.2 13.8

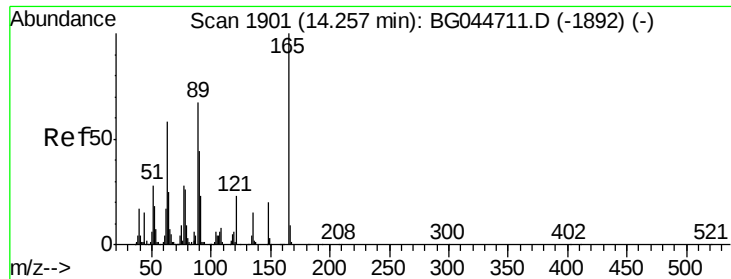


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





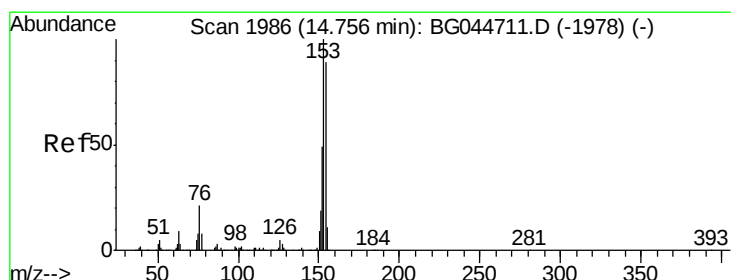
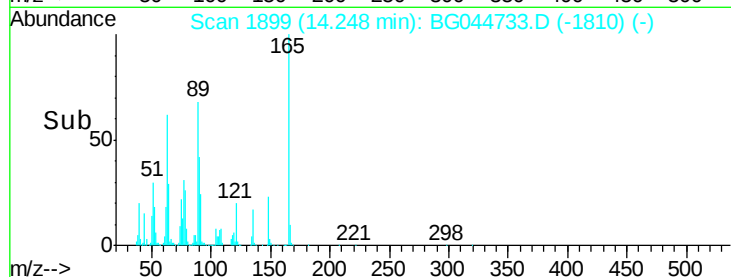
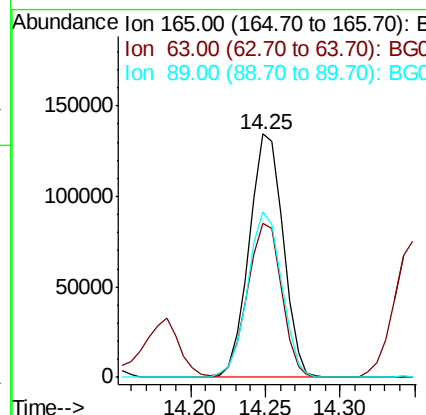
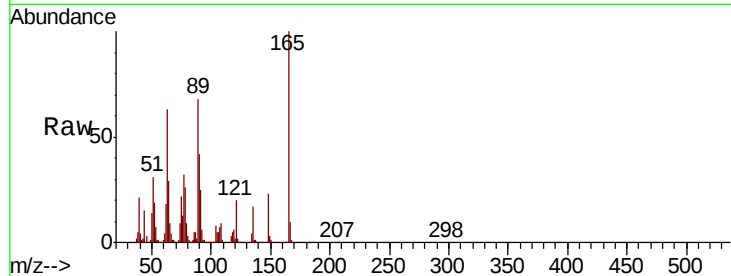
#51
2,6-Dinitrotoluene
Concen: 41.429 ng
RT: 14.25 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	63.5	48.9	73.3
89	68.2	53.8	80.8

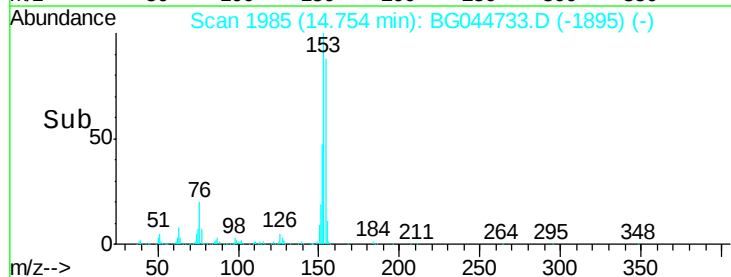
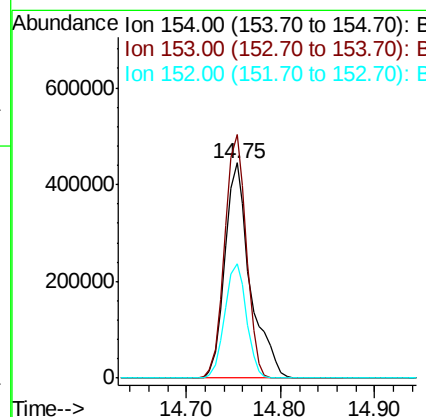
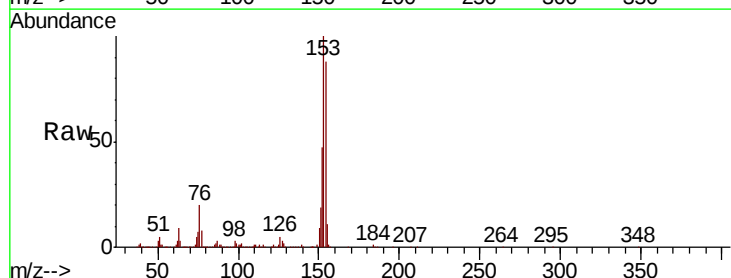
Manual Integrations
APPROVED

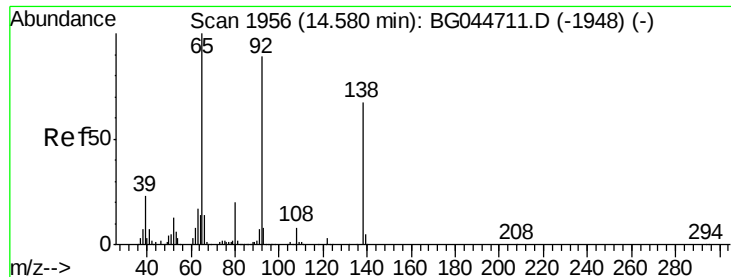
mohammad
3/16/2020 1:48:13 PM



#52
Acenaphthene
Concen: 41.799 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.0	89.8	134.8
152	53.1	44.4	66.6





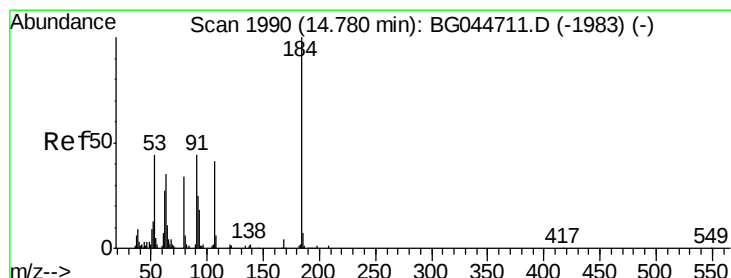
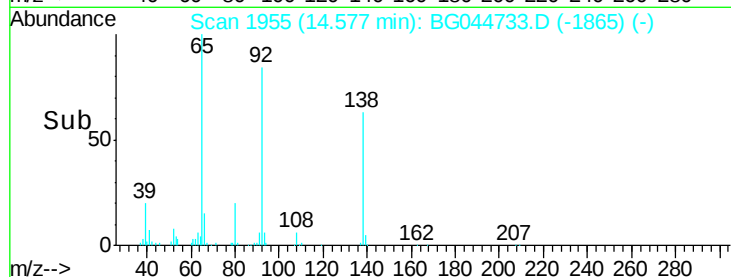
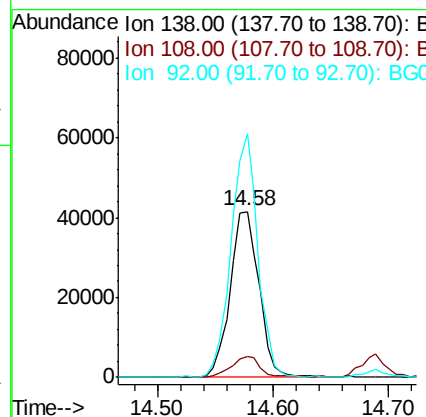
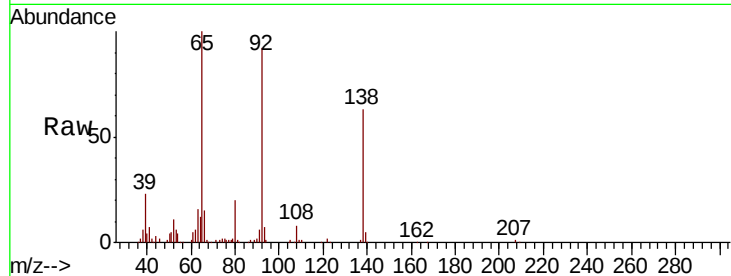
#53
3-Nitroaniline
Concen: 12.228 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.3	9.2	13.8
92	146.9	105.6	158.4

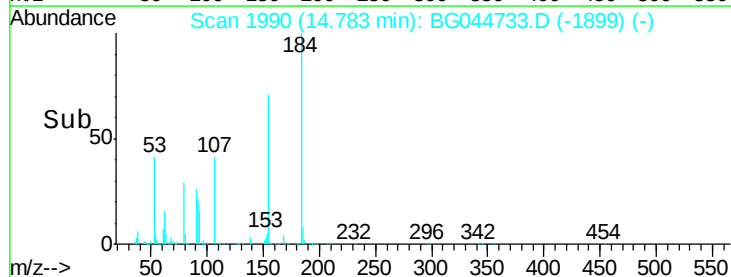
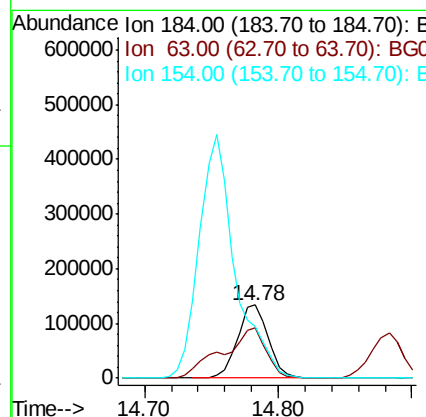
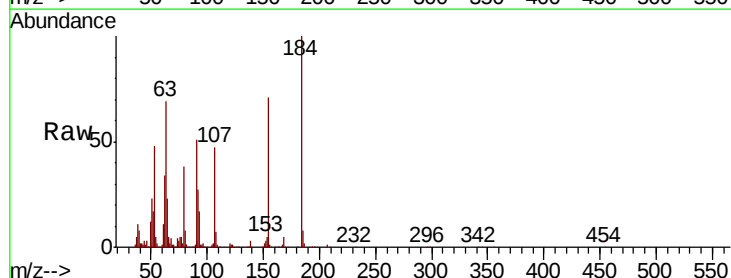
Manual Integrations
APPROVED

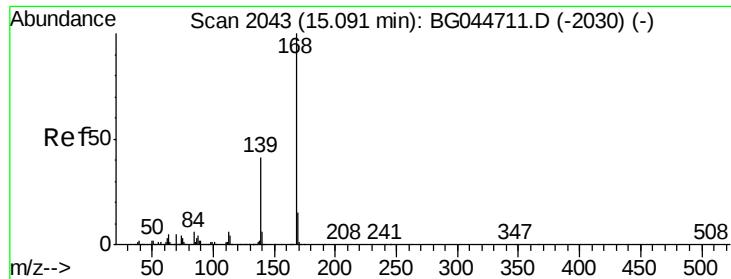
mohammad
3/16/2020 1:48:13 PM



#54
2,4-Dinitrophenol
Concen: 79.963 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.5	49.0	73.6
154	71.0	94.5	141.7#





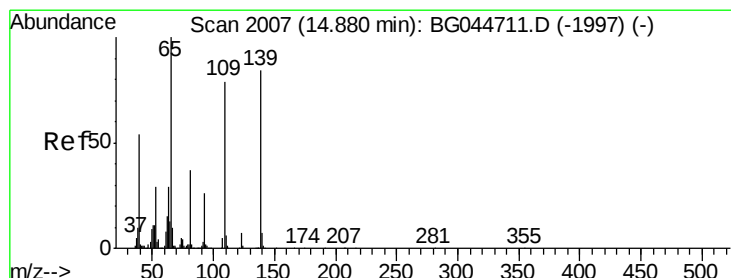
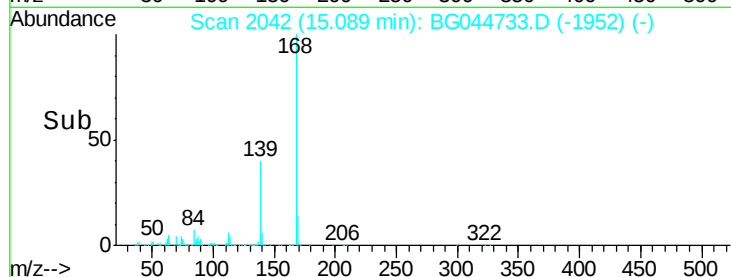
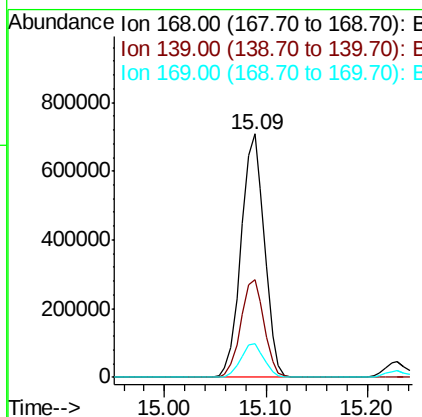
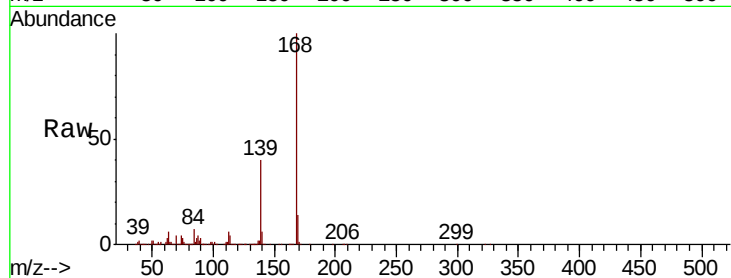
#55
Dibenzenofuran
Concen: 38.886 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.0	32.6	49.0
169	14.1	11.8	17.6

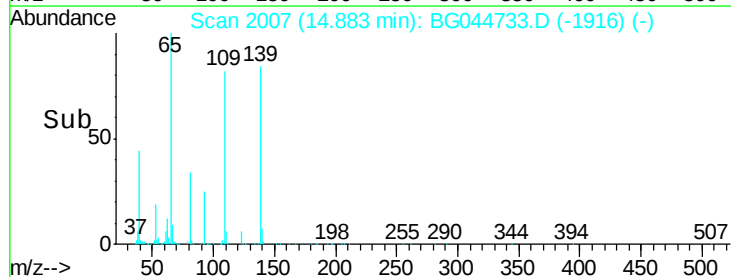
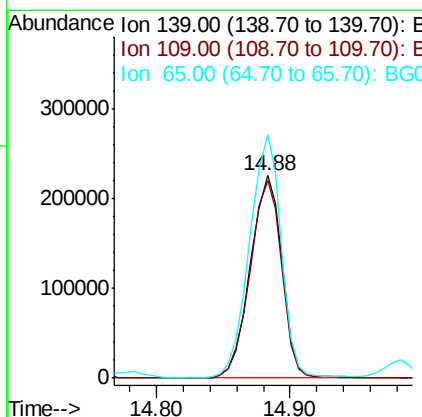
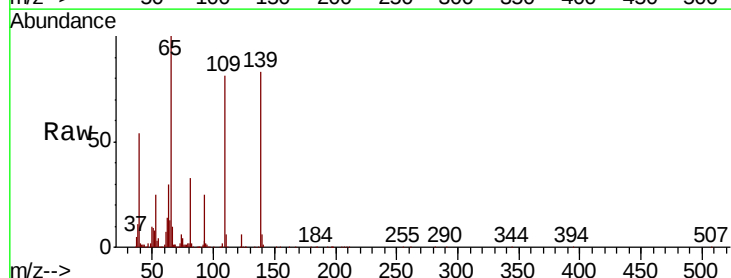
Manual Integrations
APPROVED

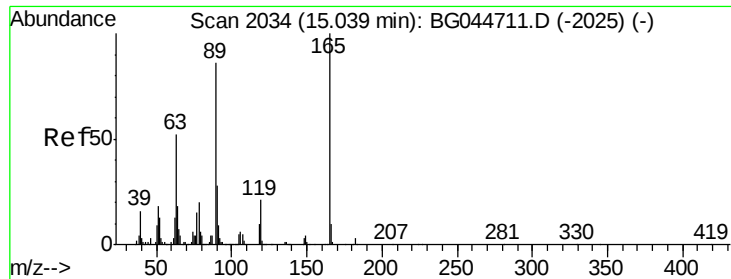
mohammad
3/16/2020 1:48:13 PM



#56
4-Nitrophenol
Concen: 82.424 ng
RT: 14.88 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.6	74.1	114.1
65	120.4	98.6	138.6





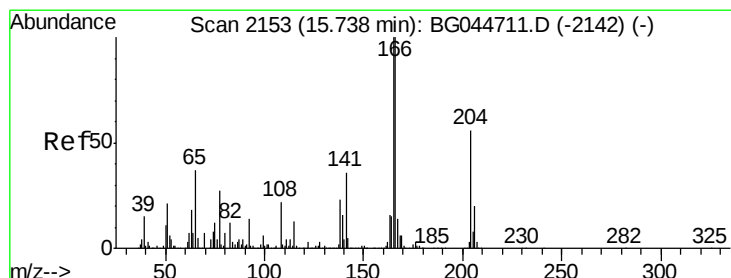
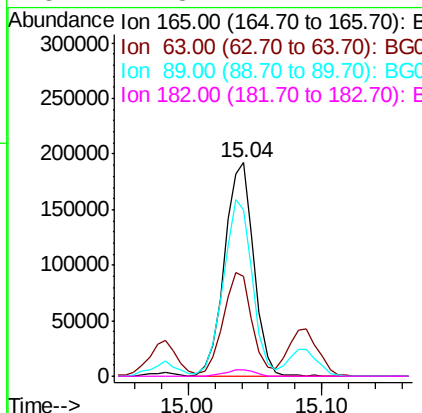
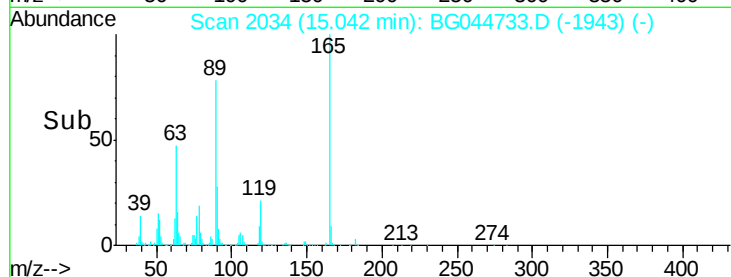
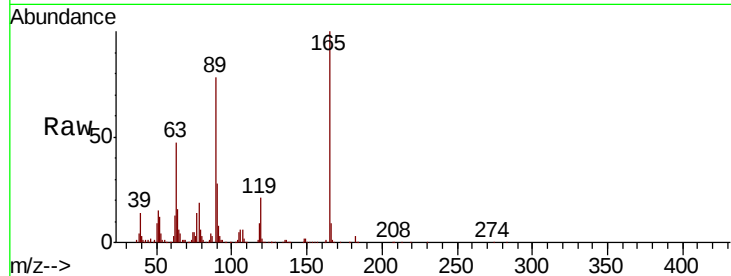
#57
2,4-Dinitrotoluene
Concen: 42.185 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	295160		
63	46.7	41.5	62.3	
89	77.8	69.0	103.4	
182	2.8	2.7	4.1	

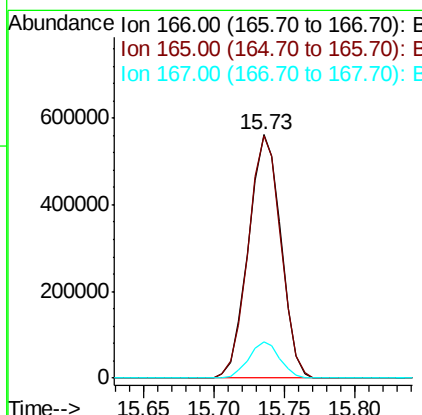
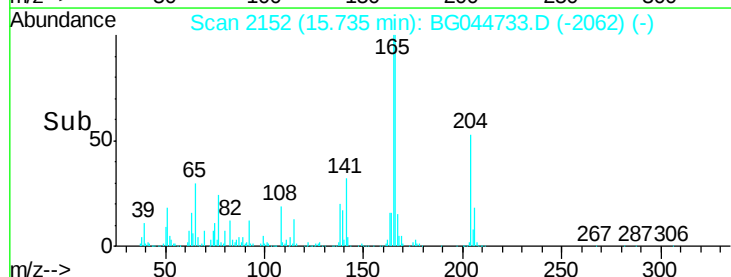
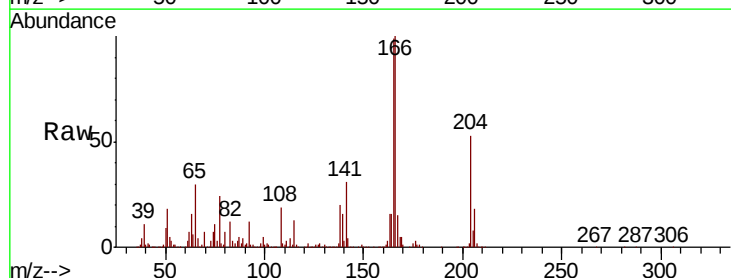
Manual Integrations
APPROVED

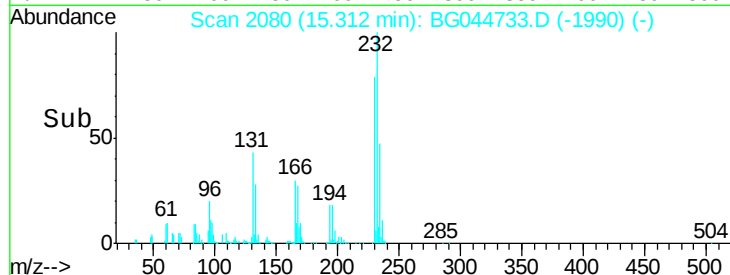
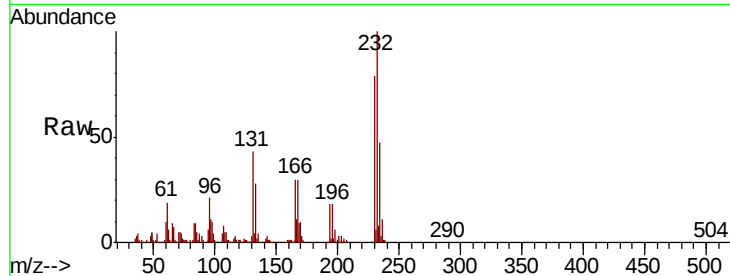
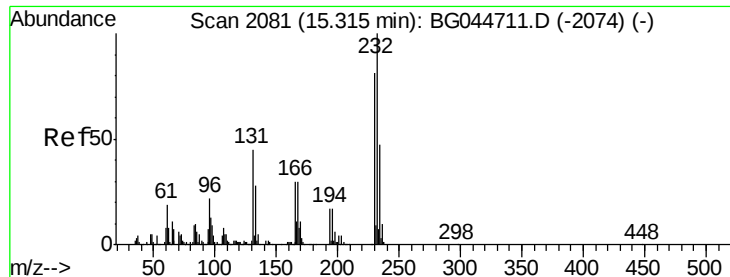
mohammad
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#58
Fluorene
Concen: 38.255 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	908297		
165	99.4	79.6	119.4	
167	14.9	11.4	17.2	





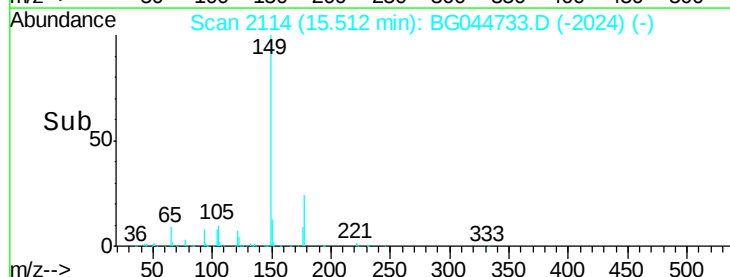
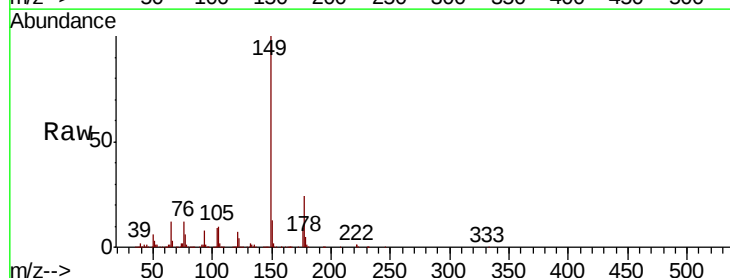
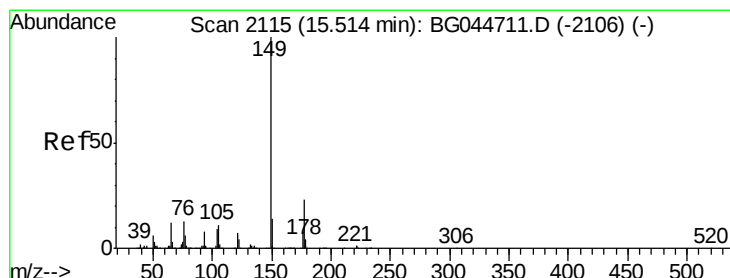
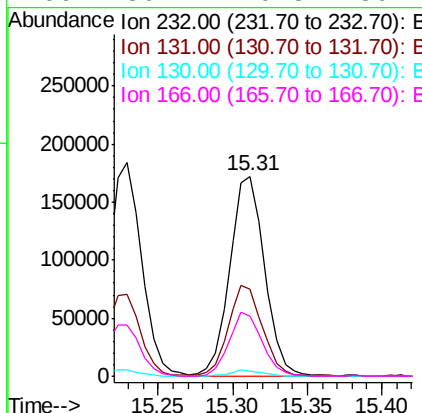
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.195 ng
RT: 15.31 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		279812		
131	43.9	32.4	48.6		
130	2.9	2.0	3.0		
166	30.4	20.5	30.7		

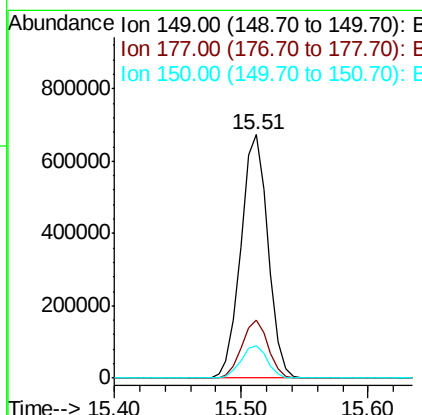
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#60
Diethylphthalate
Concen: 37.602 ng
RT: 15.51 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		992618		
177	23.7	18.8	28.2		
150	13.5	11.2	16.8		





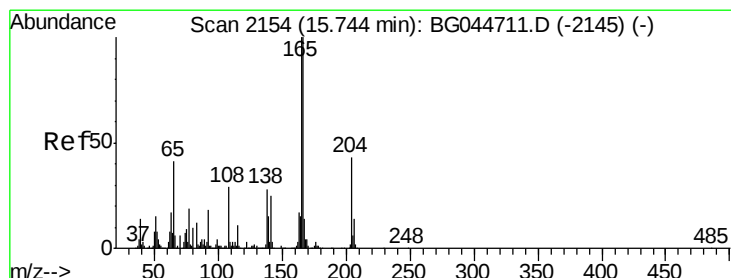
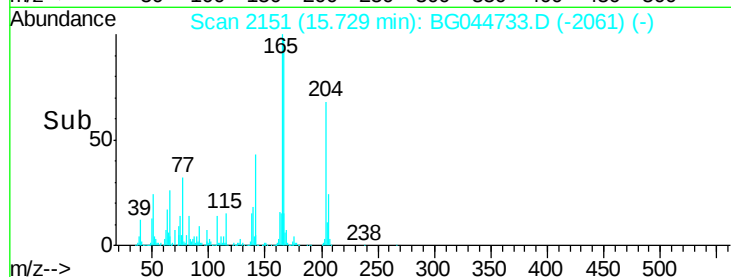
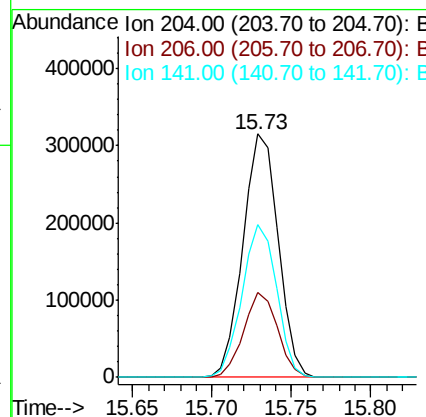
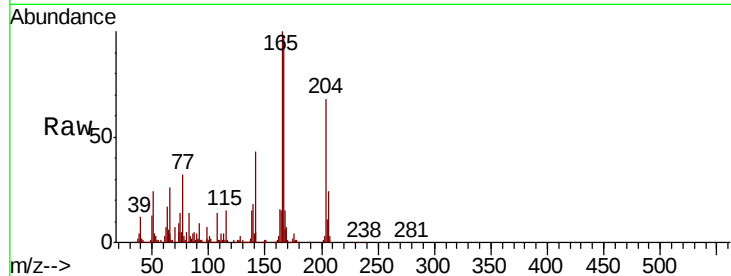
#61
4-Chlorophenyl-phenylether
Concen: 38.066 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	486665		
206	34.8		25.8	38.6
141	62.9		50.8	76.2

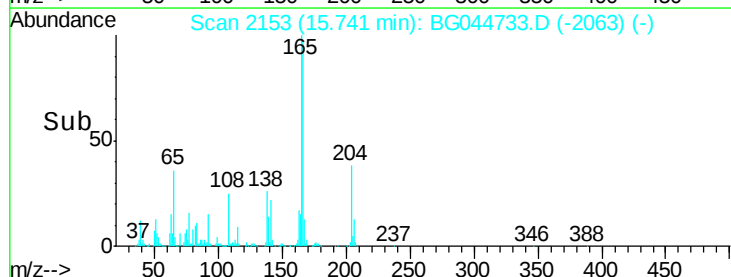
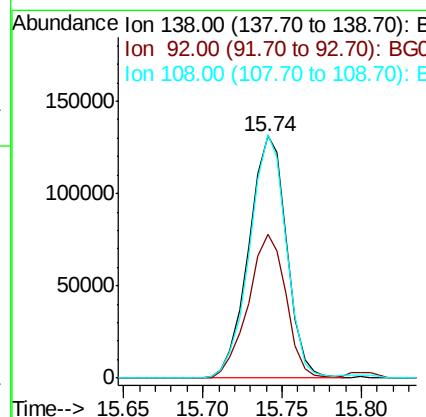
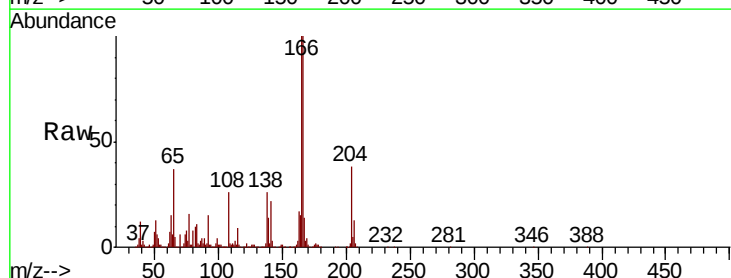
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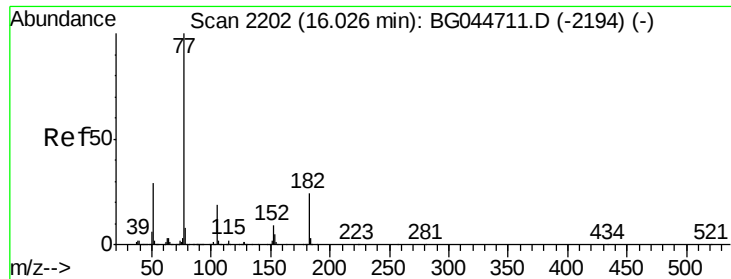
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#62
4-Nitroaniline
Concen: 34.815 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	217745		
92	59.5		42.1	82.1
108	100.7		81.2	121.2





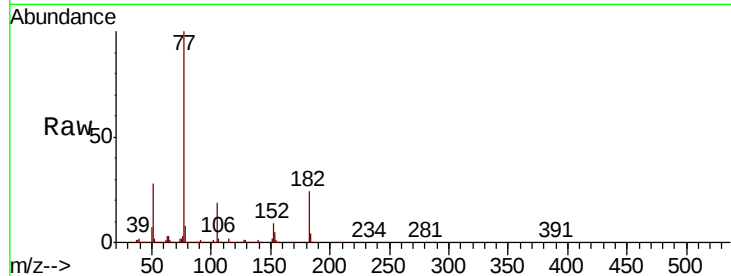
#63
Azobenzene
Concen: 38.260 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.2	3.6	43.6	
105	19.4	0.0	39.3	
51	28.3	8.7	48.7	

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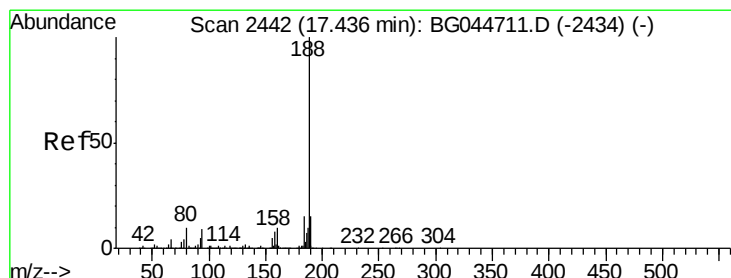
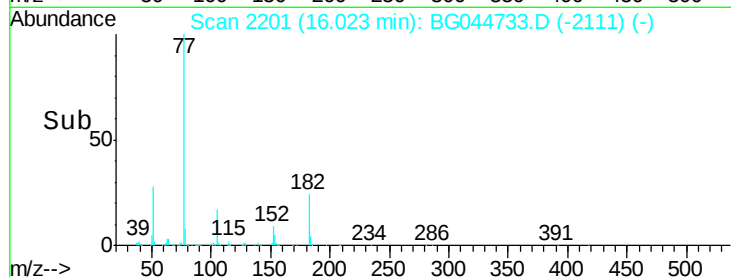
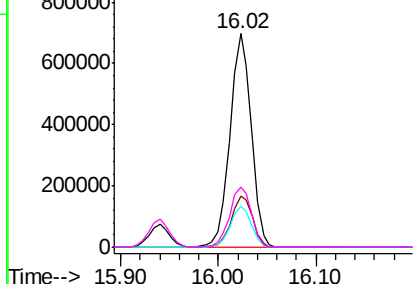


Abundance Ion 77.00 (76.70 to 77.70): BG044733.D (-2111) (-)

Ion 182.00 (181.70 to 182.70): BG044733.D (-2111) (-)

Ion 105.00 (104.70 to 105.70): BG044733.D (-2111) (-)

Ion 51.00 (50.70 to 51.70): BG044733.D (-2111) (-)



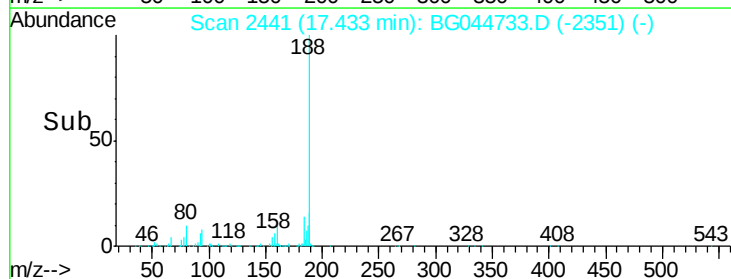
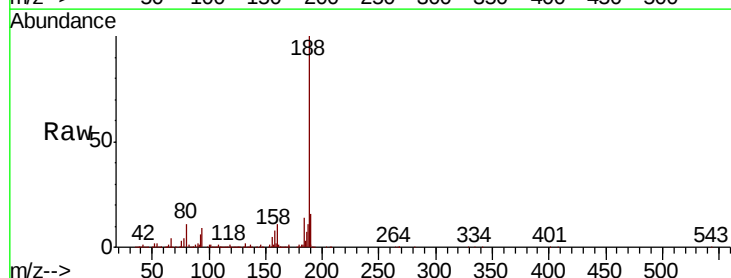
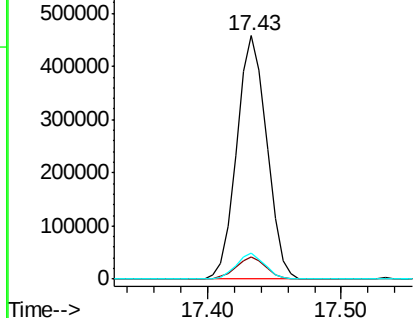
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

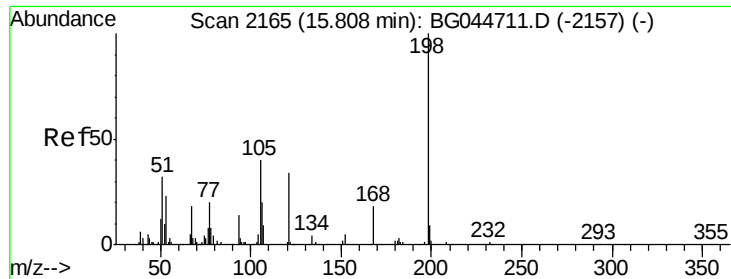
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.9	7.0	10.6	
80	10.5	8.4	12.6	

Abundance Ion 188.00 (187.70 to 188.70): BG044733.D (-2351) (-)

Ion 94.00 (93.70 to 94.70): BG044733.D (-2351) (-)

Ion 80.00 (79.70 to 80.70): BG044733.D (-2351) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 46.261 ng

RT: 15.81 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BG044733.D

Acq: 12 Mar 2020 13:32

Instrument :

BNA_G

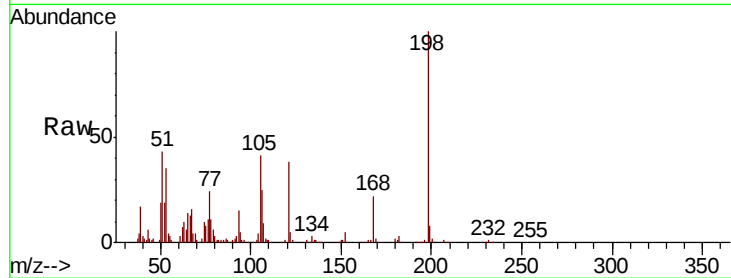
ClientSampleId :

TP-1MSD

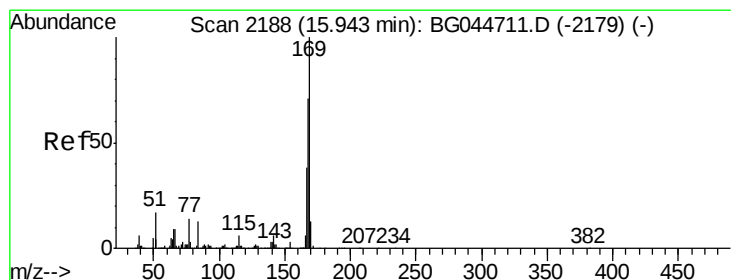
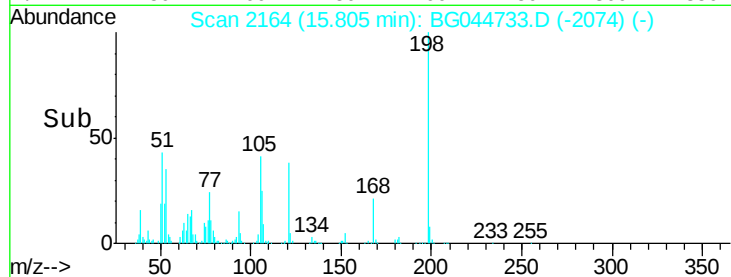
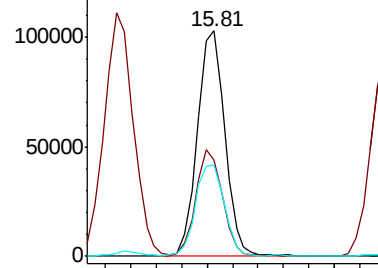
Tot Ion:	198	Resp:	154127
Ion Ratio	Lower	Upper	
198	100		
51	42.6	20.1	60.1
105	40.6	21.3	61.3

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.108 ng

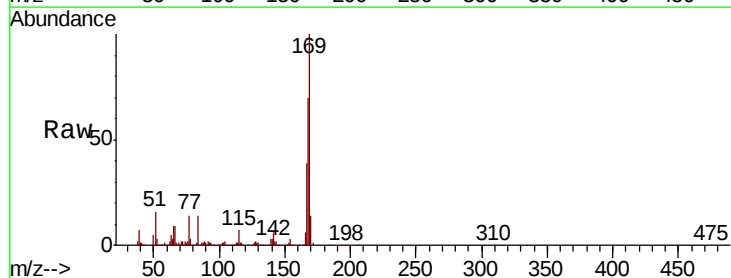
RT: 15.94 min Scan# 2187

Delta R.T. -0.00 min

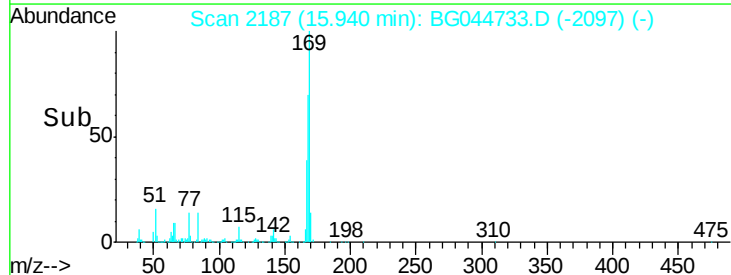
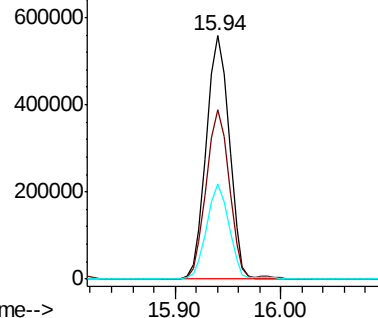
Lab File: BG044733.D

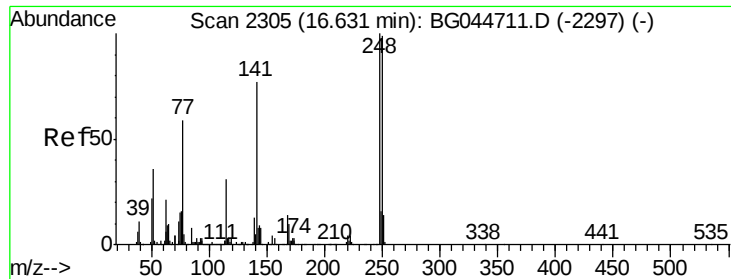
Acq: 12 Mar 2020 13:32

Tgt Ion:	169	Resp:	839659
Ion Ratio	Lower	Upper	
169	100		
168	69.8	56.6	85.0
167	39.3	30.1	45.1



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





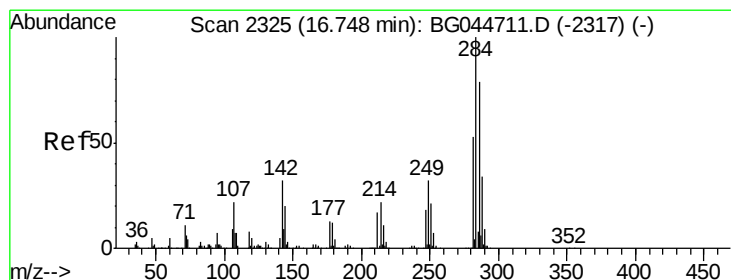
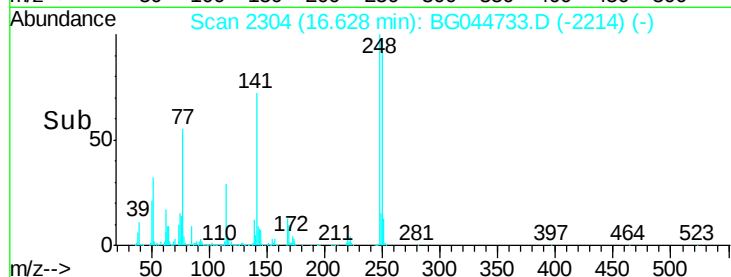
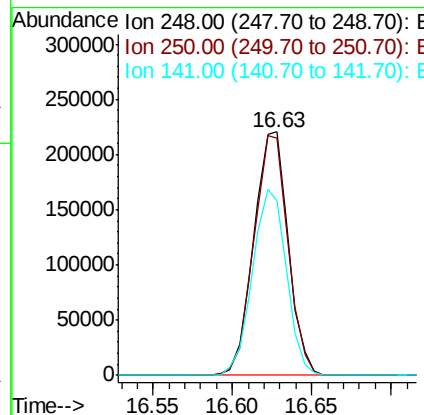
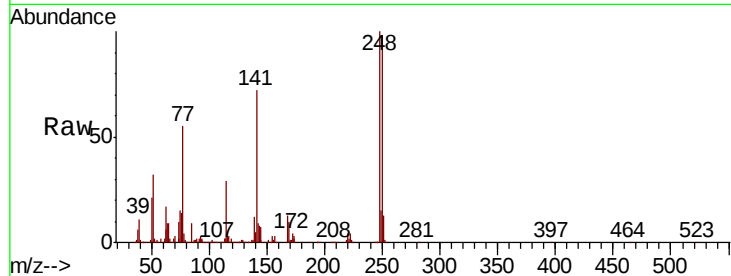
#67
4-Bromophenyl-phenylether
Concen: 37.362 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Instrument :
BNA_G
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	79.4	119.0
141	71.9	61.7	92.5

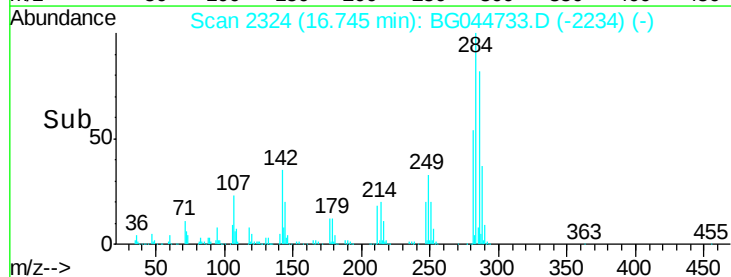
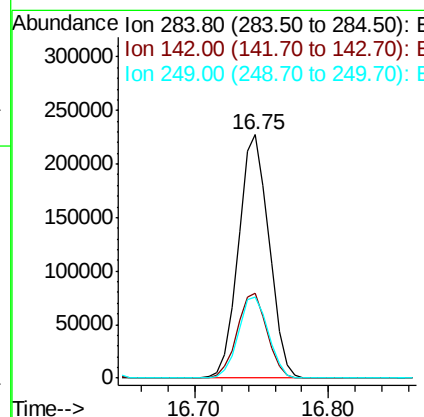
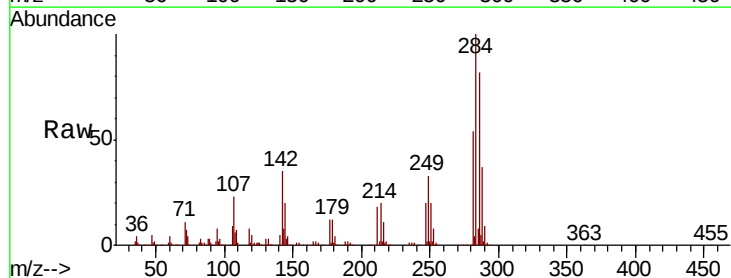
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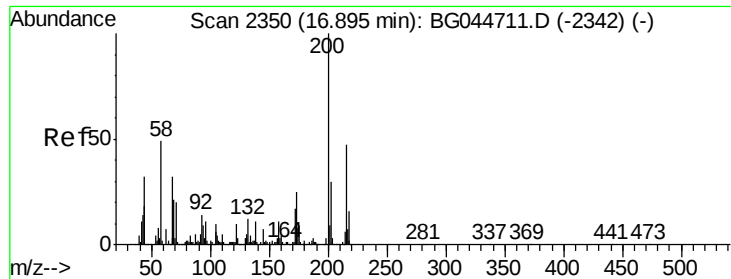
mohammad
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#68
Hexachlorobenzene
Concen: 37.063 ng
RT: 16.75 min Scan# 2324
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.7	25.6	38.4
249	33.3	25.8	38.6





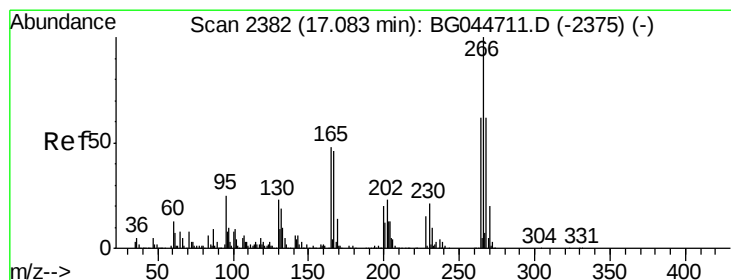
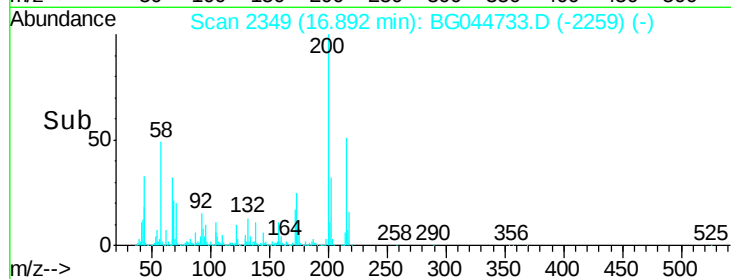
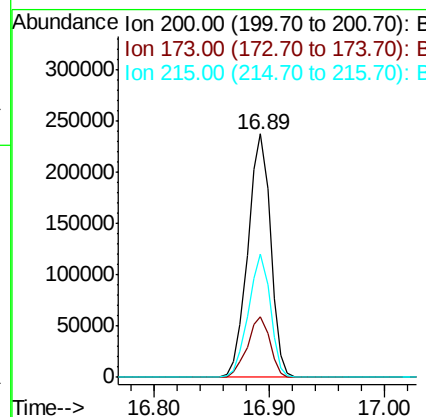
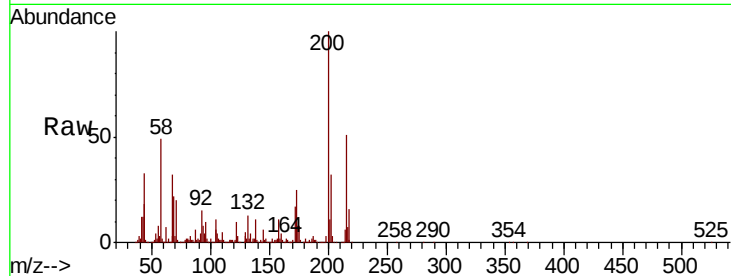
#69
Atrazine
Concen: 41.335 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.7	4.8	44.8
215	50.6	27.4	67.4

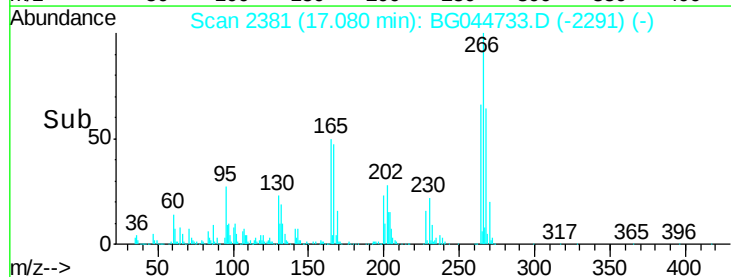
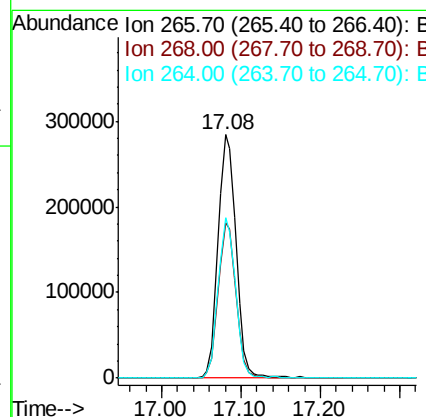
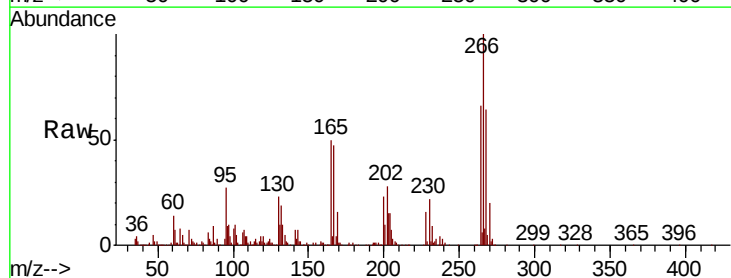
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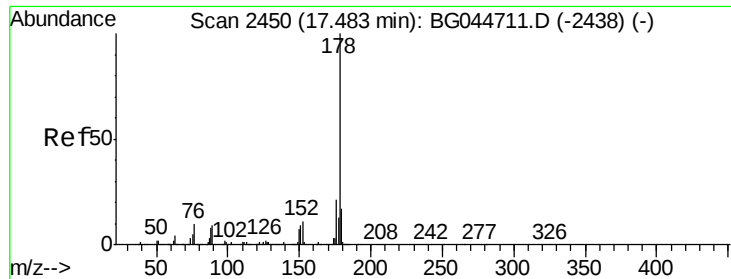
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#70
Pentachlorophenol
Concen: 84.239 ng
RT: 17.08 min Scan# 2381
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	49.9	74.9
264	65.7	49.9	74.9





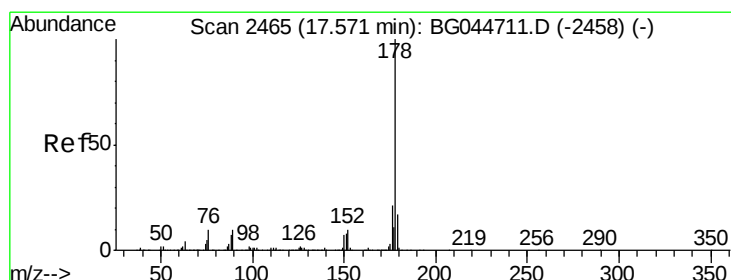
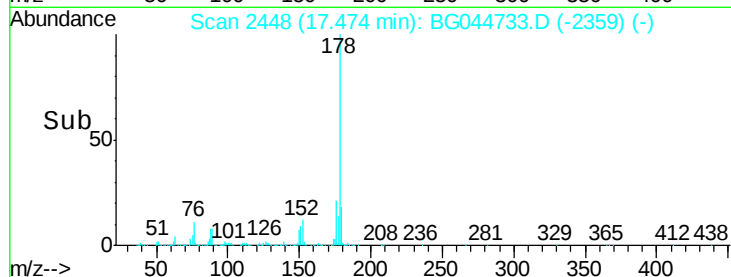
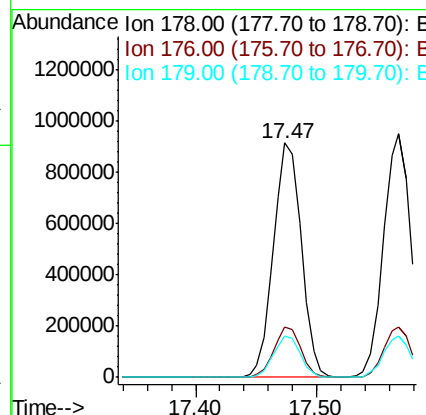
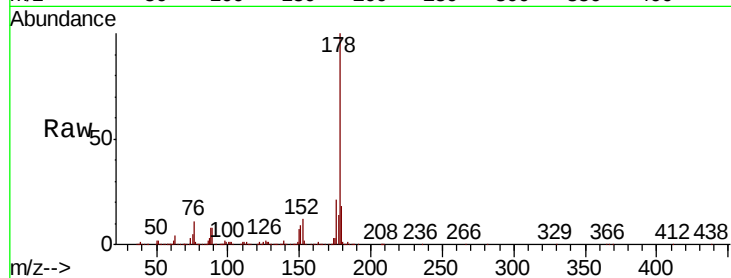
#71
Phenanthrene
Concen: 38.170 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion:178 Resp: 1454601
Ion Ratio Lower Upper
178 100
176 21.4 17.0 25.6
179 17.7 13.7 20.5

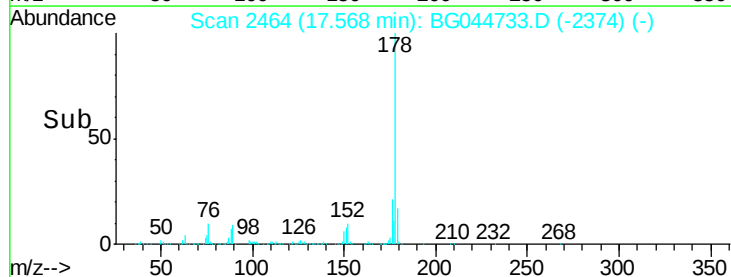
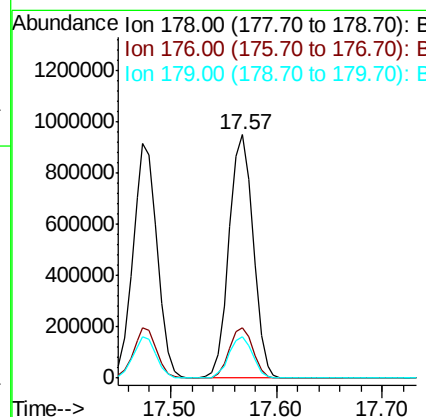
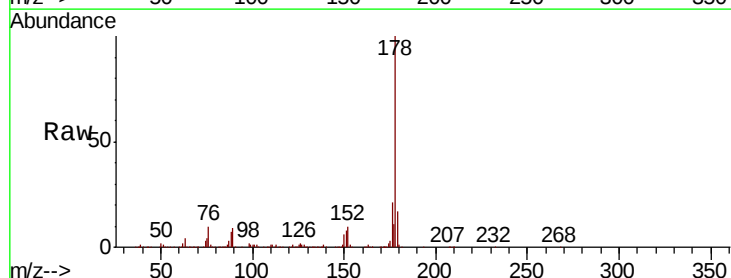
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#72
Anthracene
Concen: 39.843 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.00 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Tgt Ion:178 Resp: 1497187
Ion Ratio Lower Upper
178 100
176 20.8 17.0 25.6
179 16.9 13.8 20.8





#73

Carbazole

Concen: 38.496 ng

RT: 17.83 min Scan# 2508

Delta R.T. -0.01 min

Lab File: BG044733.D

Acq: 12 Mar 2020 13:32

Instrument :

BNA_G

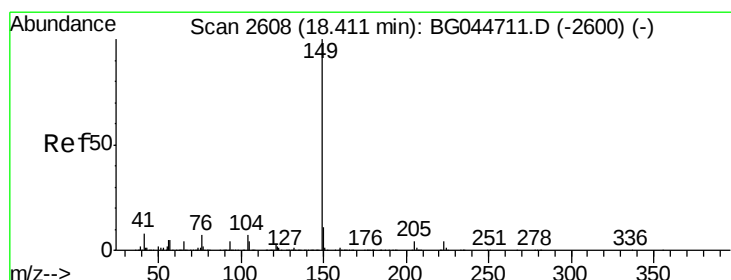
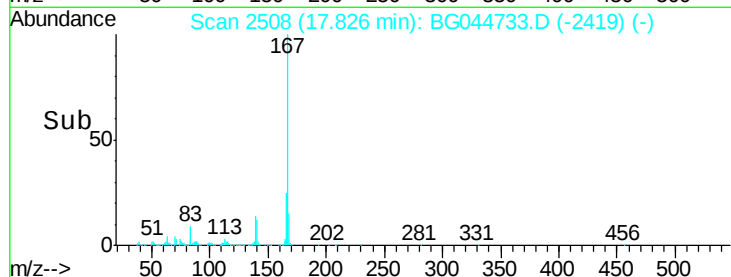
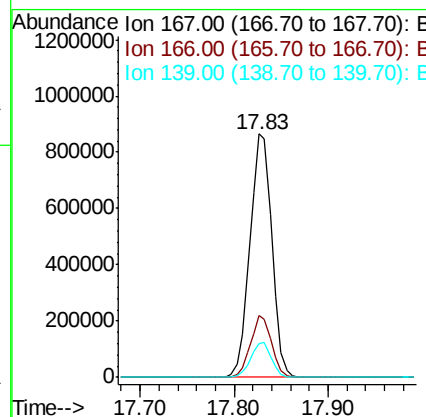
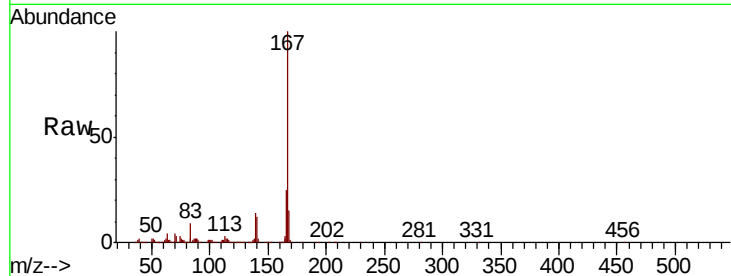
ClientSampled :

TP-1MSD

Tot Ion:	167	Resp:	1389546
Ion	Ratio	Lower	Upper
167	100		
166	25.2	19.6	29.4
139	13.6	11.4	17.2

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 37.617 ng

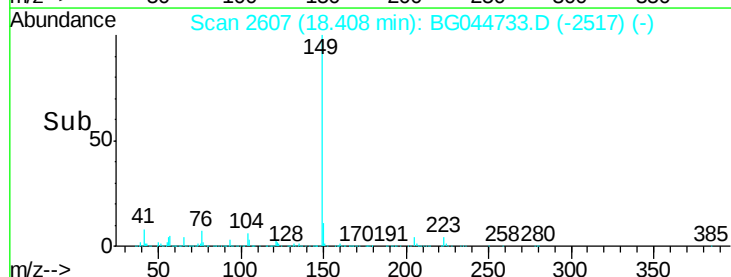
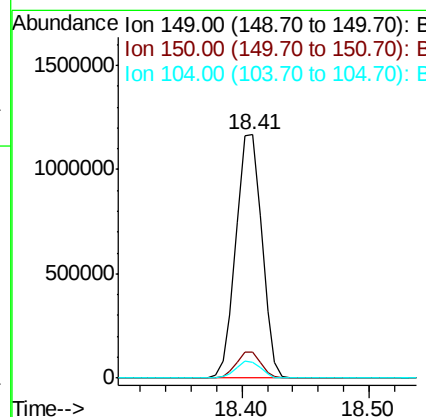
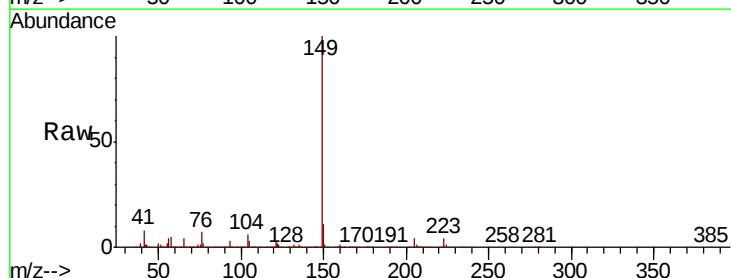
RT: 18.41 min Scan# 2607

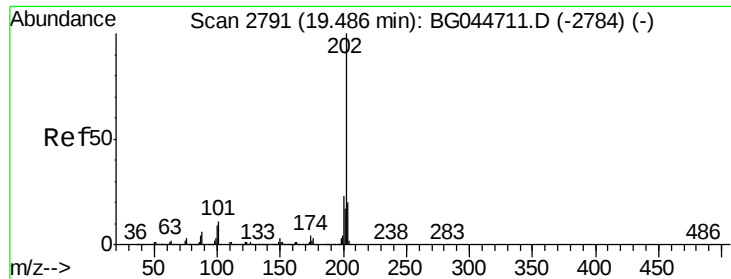
Delta R.T. -0.00 min

Lab File: BG044733.D

Acq: 12 Mar 2020 13:32

Tgt Ion:	149	Resp:	1650586
Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.4	12.6
104	6.4	5.6	8.4





#75

Fluoranthene

Concen: 38.879 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BG044733.D

Acq: 12 Mar 2020 13:32

Instrument :

BNA_G

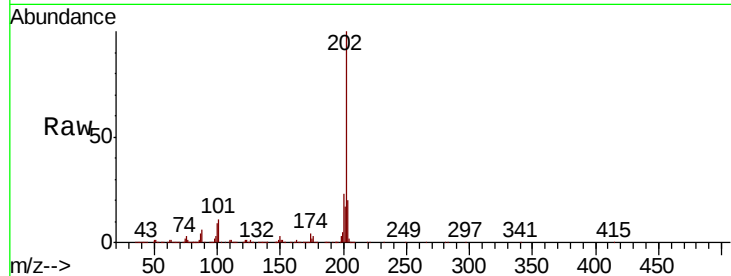
ClientSampleId :

TP-1MSD

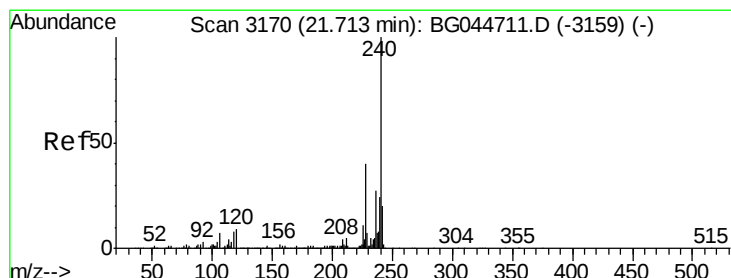
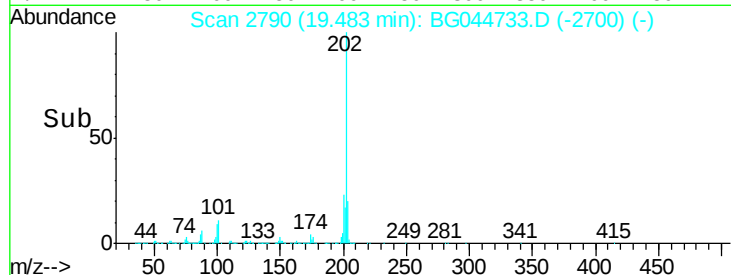
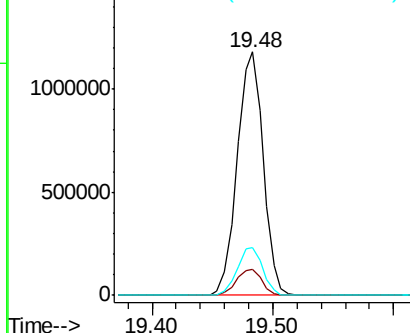
Tot Ion:	202	Resp:	1764123
Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.3
203	19.9	0.4	40.4

Manual Integrations
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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: 21.70 min Scan# 3168

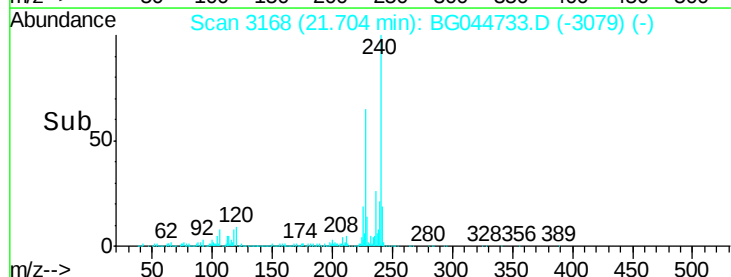
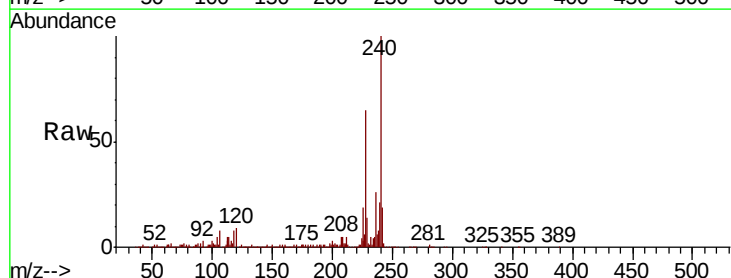
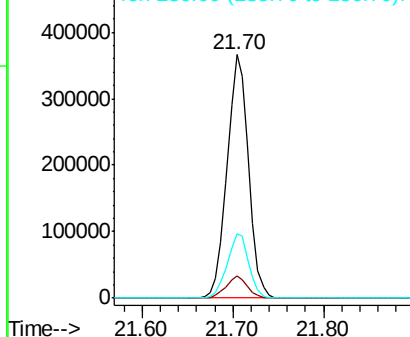
Delta R.T. -0.01 min

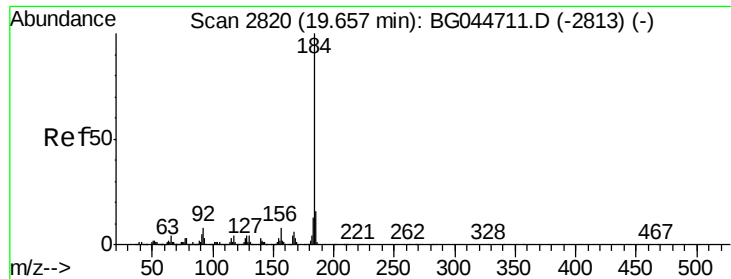
Lab File: BG044733.D

Acq: 12 Mar 2020 13:32

Tgt Ion:	240	Resp:	598266
Ion	Ratio	Lower	Upper
240	100		
120	9.3	6.9	10.3
236	26.5	21.9	32.9

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: 30.003 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG044733.D

Acq: 12 Mar 2020 13:32

Instrument :

BNA_G

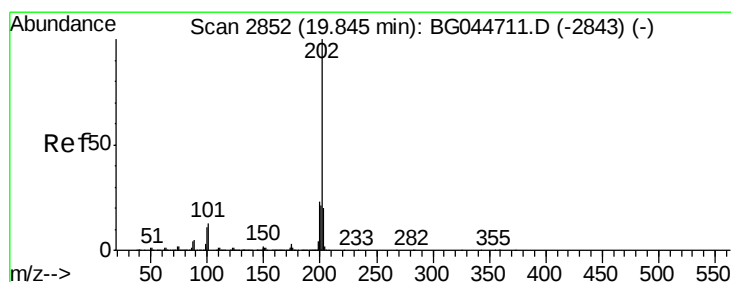
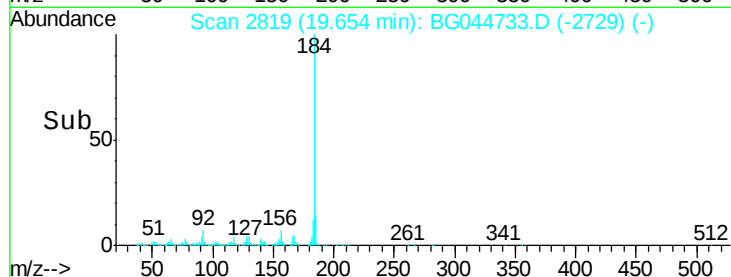
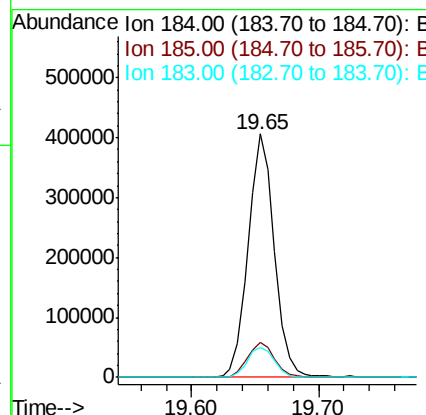
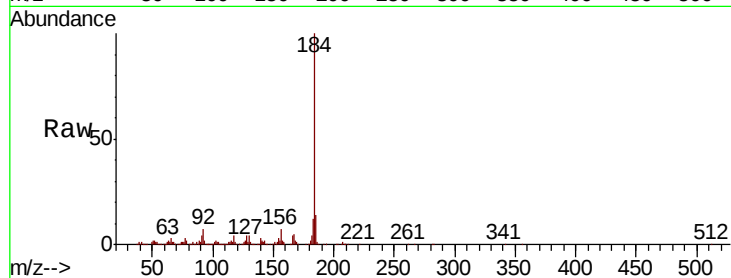
ClientSampled :

TP-1MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.1	12.9	19.3
183	12.4	10.6	15.8

Manual Integrations
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#78

Pyrene

Concen: 40.036 ng

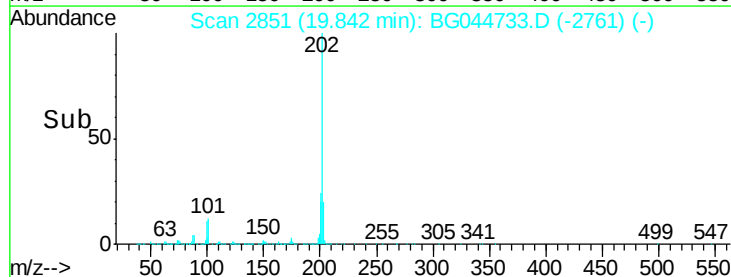
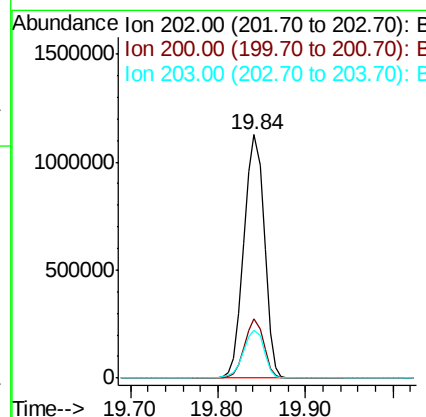
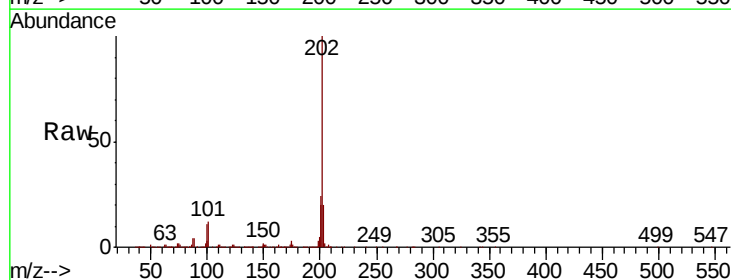
RT: 19.84 min Scan# 2851

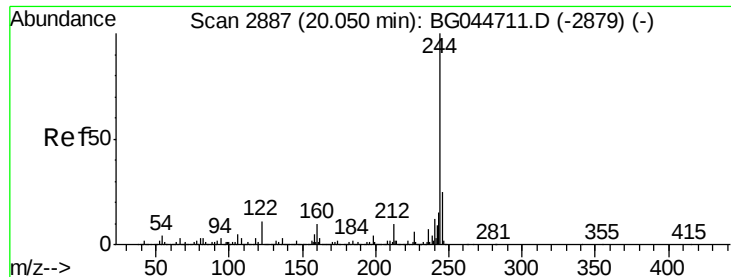
Delta R.T. -0.00 min

Lab File: BG044733.D

Acq: 12 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.4	18.7	28.1
203	19.6	16.0	24.0





#79

Terphenyl-d14

Concen: 67.653 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG044733.D

Acq: 12 Mar 2020 13:32

Instrument :

BNA_G

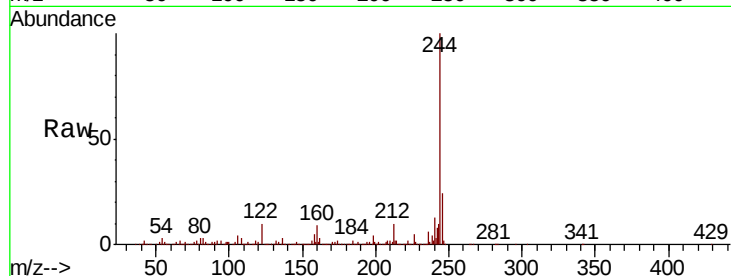
ClientSampleId :

TP-1MSD

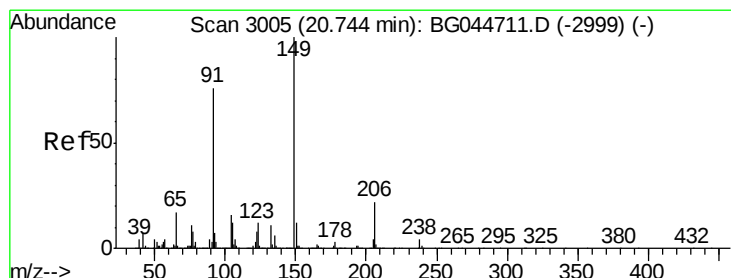
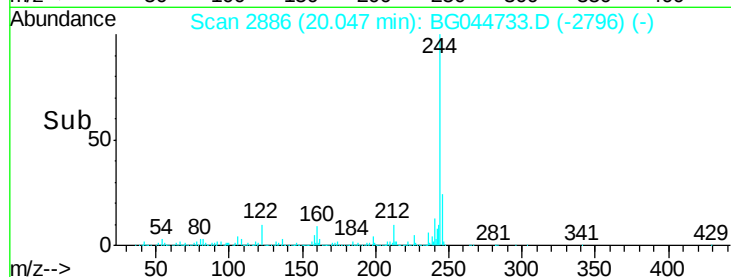
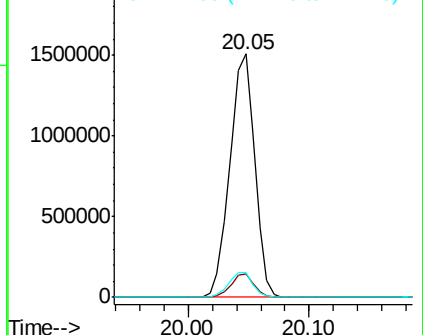
Tot Ion:	244	Resp:	2163763
Ion	Ratio	Lower	Upper
244	100		
212	9.8	8.4	12.6
122	10.1	8.7	13.1

Manual Integrations
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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: 38.854 ng

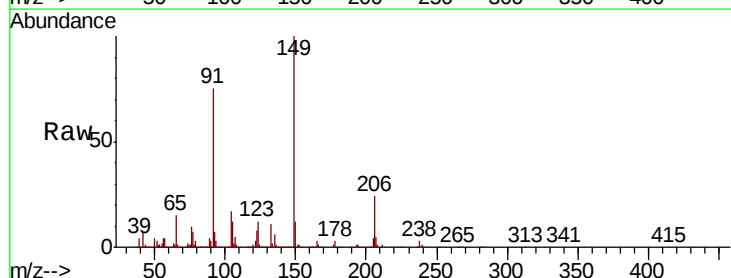
RT: 20.74 min Scan# 3004

Delta R.T. -0.00 min

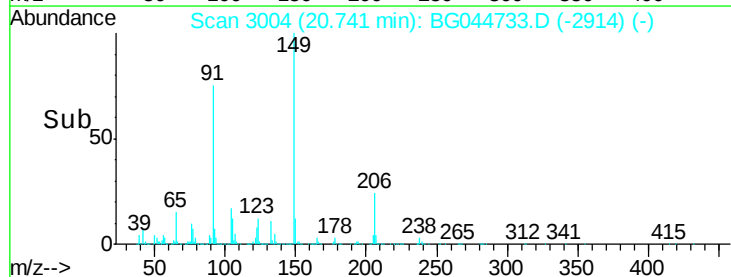
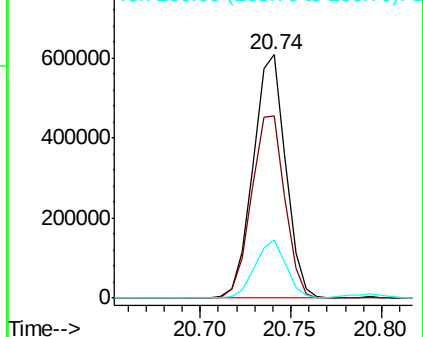
Lab File: BG044733.D

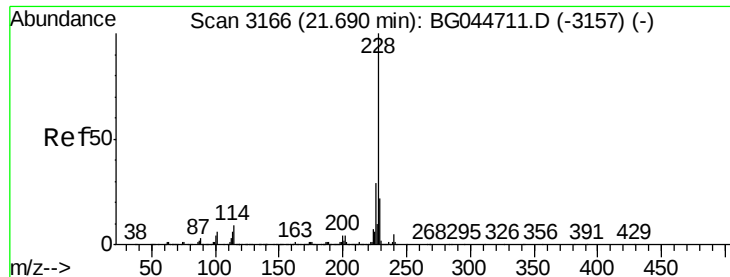
Acq: 12 Mar 2020 13:32

Tgt Ion:	149	Resp:	758711
Ion	Ratio	Lower	Upper
149	100		
91	74.8	61.1	91.7
206	23.6	17.4	26.2



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





#81

Benzo(a)anthracene

Concen: 38.918 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG044733.D

Acq: 12 Mar 2020 13:32

Instrument :

BNA_G

ClientSampleId :

TP-1MSD

Tot Ion:228 Resp: 1676556

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.5	35.3
229	21.9	17.2	25.8

228 100

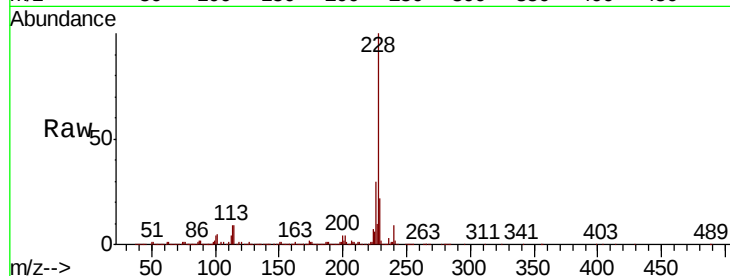
226 30.1 23.5 35.3

229 21.9 17.2 25.8

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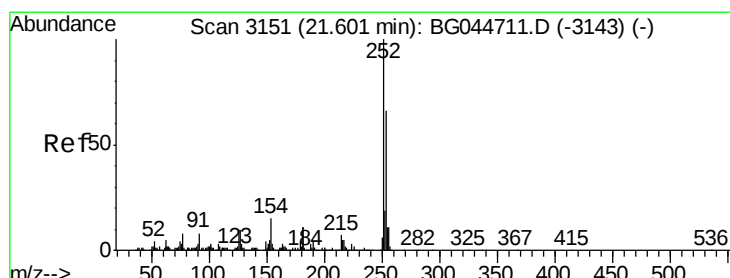
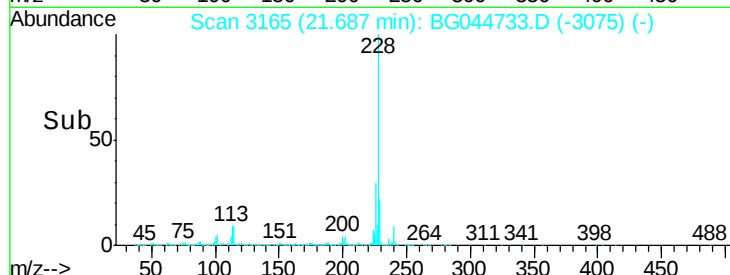
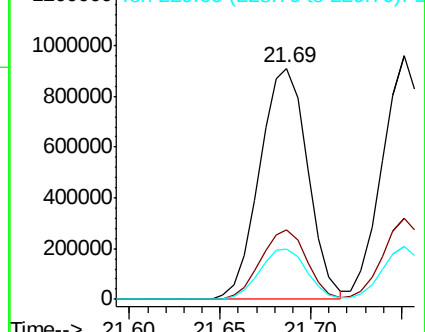


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 12.395 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG044733.D

Acq: 12 Mar 2020 13:32

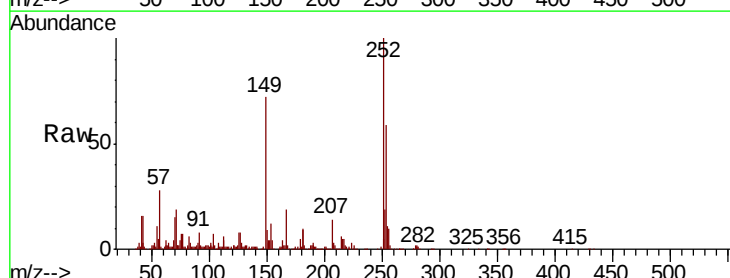
Tgt Ion:252 Resp: 206571

Ion	Ratio	Lower	Upper
252	100		
254	59.3	53.0	79.4
126	8.1	8.2	12.4#

252 100

254 59.3 53.0 79.4

126 8.1 8.2 12.4#

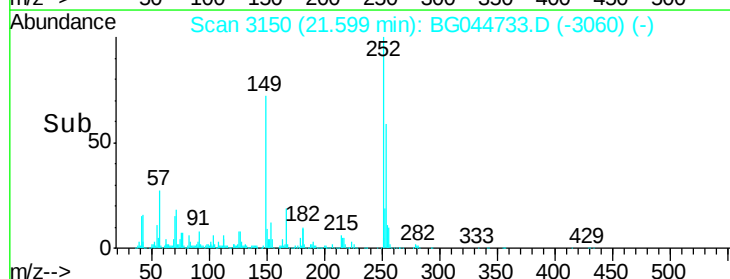
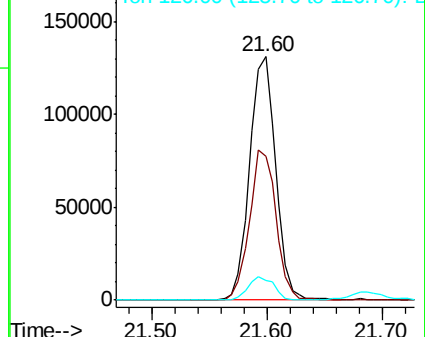


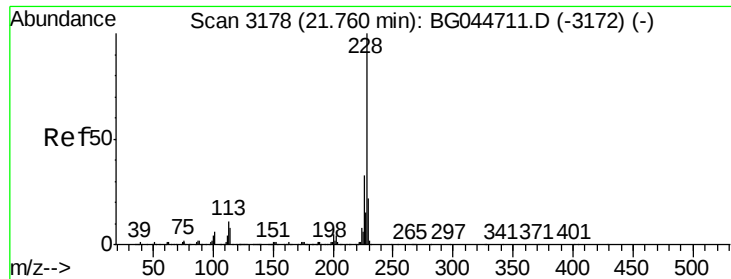
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





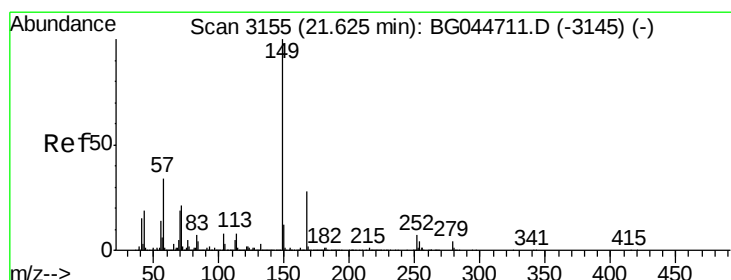
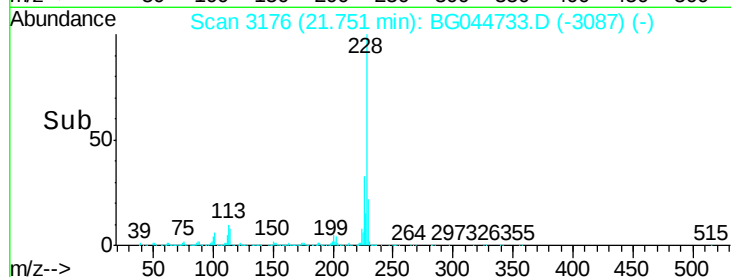
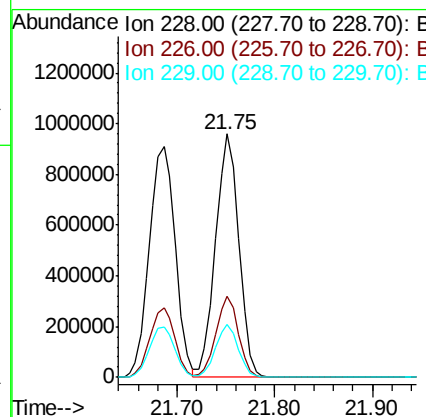
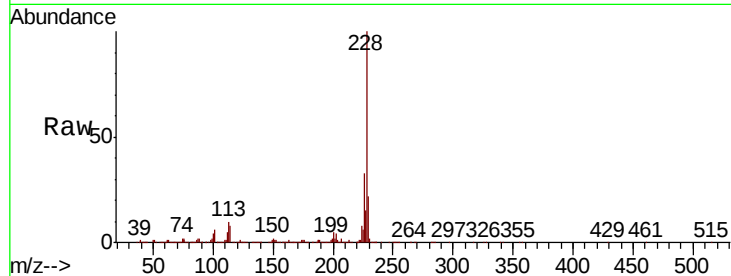
#83
Chrysene
Concen: 38.561 ng
RT: 21.75 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.3	26.1	39.1
229	21.8	17.4	26.0

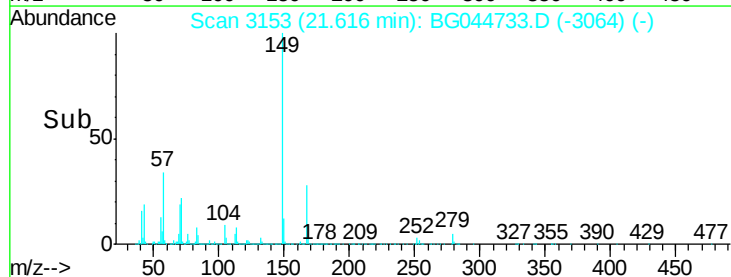
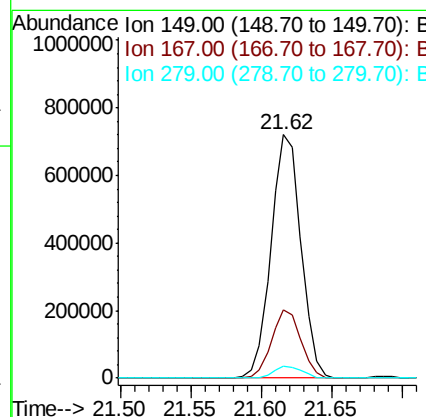
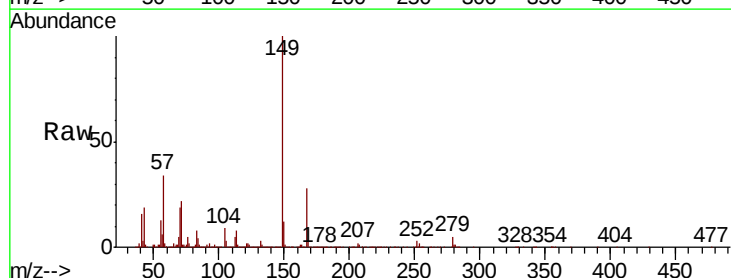
Manual Integrations
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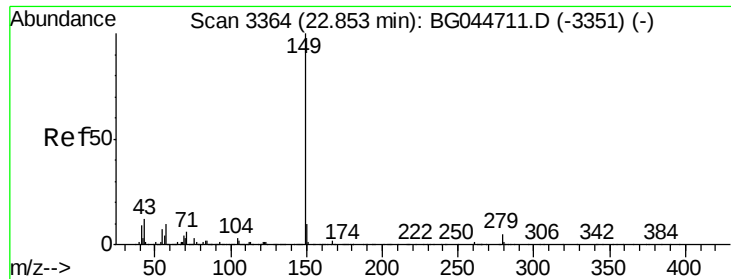
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.626 ng
RT: 21.62 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.6	33.8
279	4.8	3.5	5.3





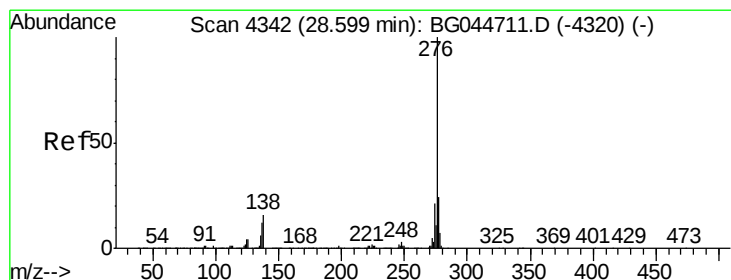
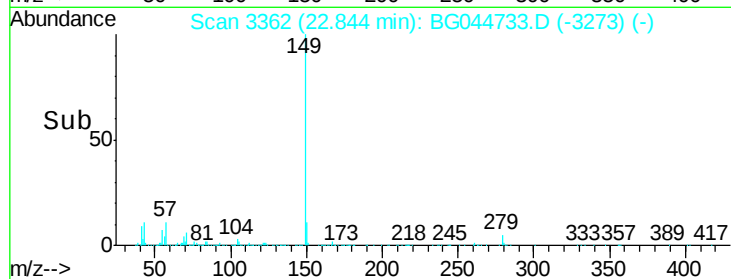
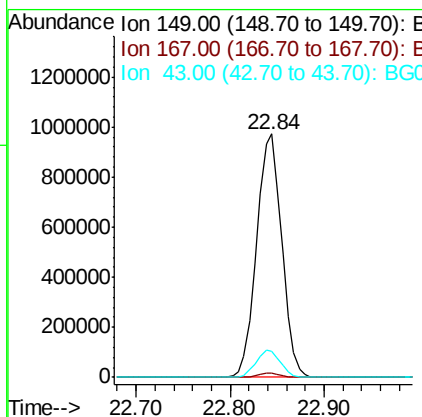
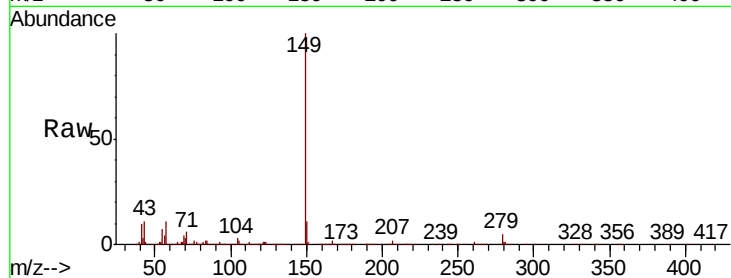
#85
Di-n-octyl phthalate
Concen: 39.786 ng
RT: 22.84 min Scan# 3362
Delta R.T. -0.01 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	10.9	9.0	13.6

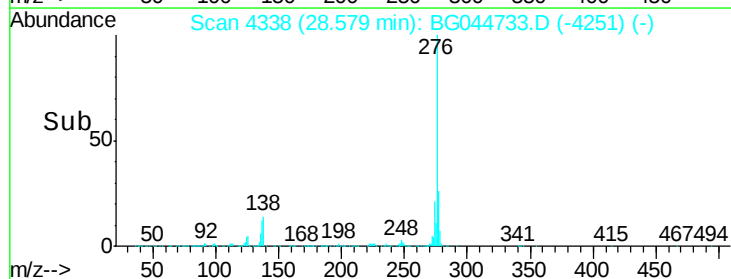
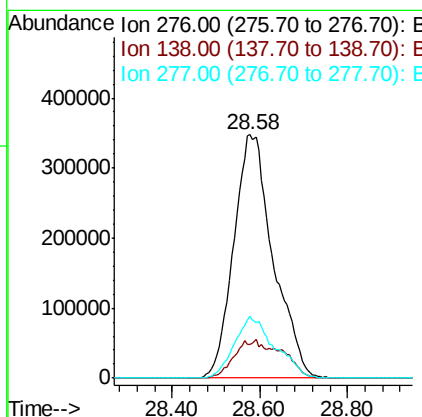
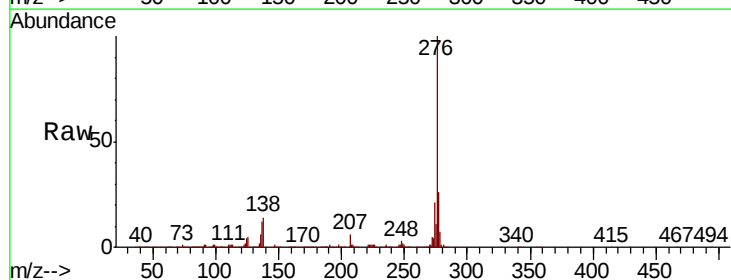
Manual Integrations
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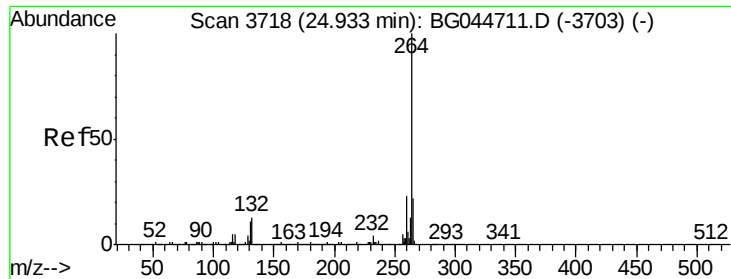
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.481 ng
RT: 28.58 min Scan# 4338
Delta R.T. -0.02 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.1	10.9	16.3#
277	25.9	20.8	31.2





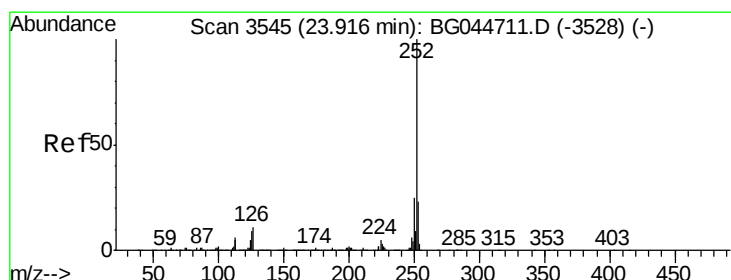
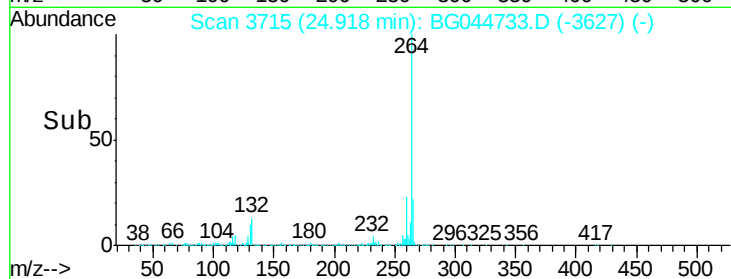
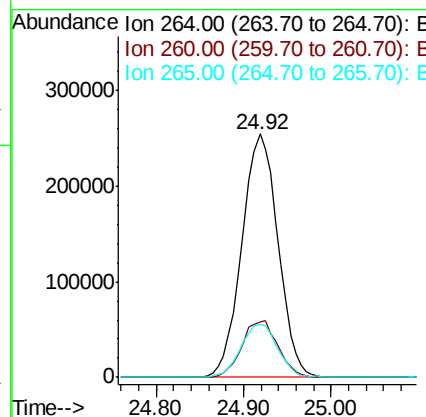
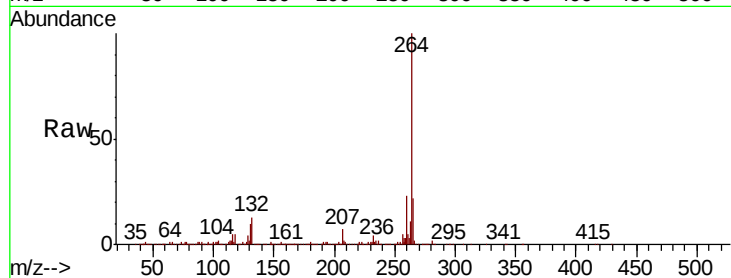
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3715
Delta R.T. -0.01 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	21.9	17.4	26.2

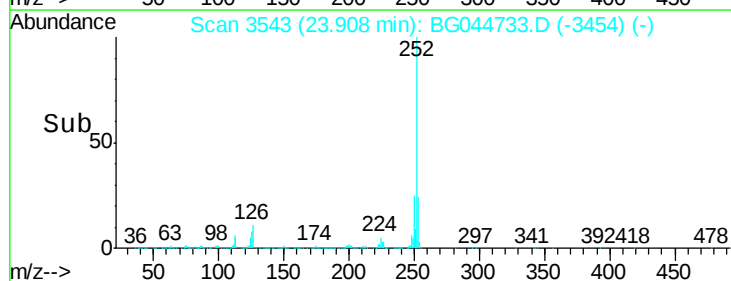
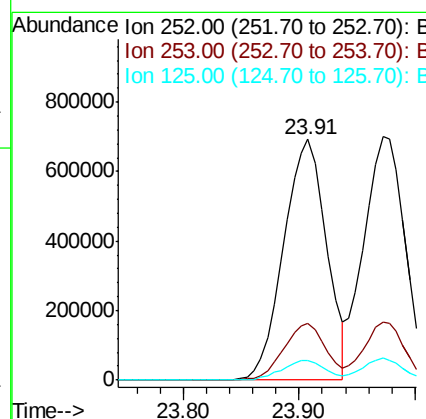
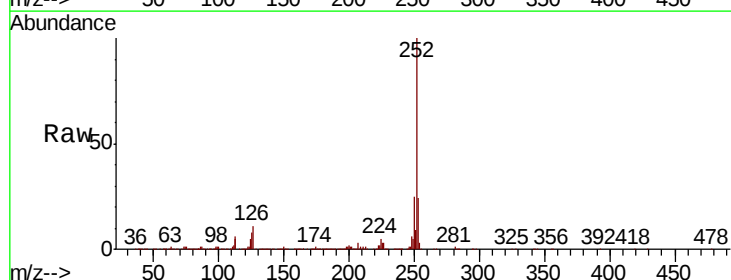
Manual Integrations
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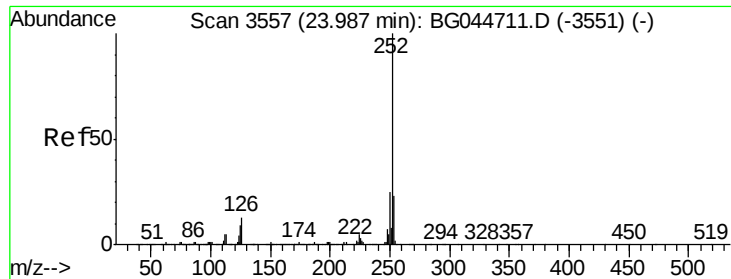
mohammad
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#88
Benzo(b)fluoranthene
Concen: 37.761 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.7	28.1
125	8.2	7.2	10.8





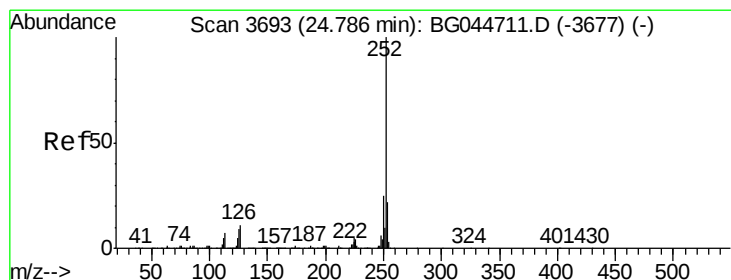
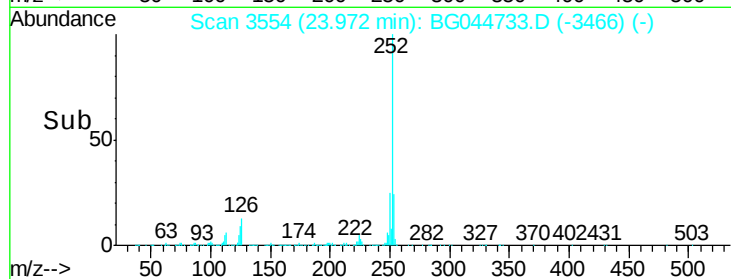
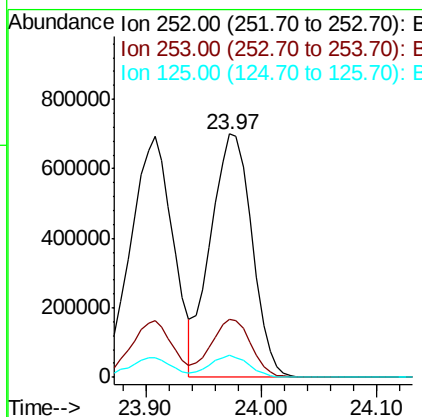
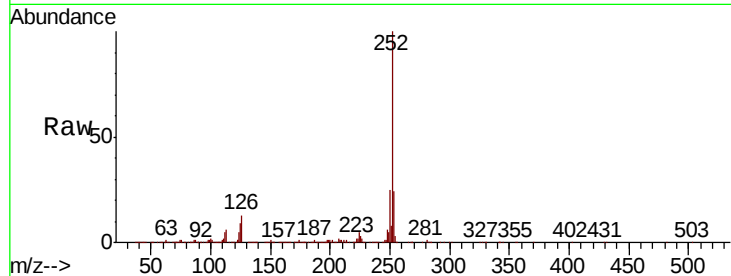
#89
Benzo(k)fluoranthene
Concen: 39.055 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.01 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.4	27.6
125	9.1	7.0	10.4

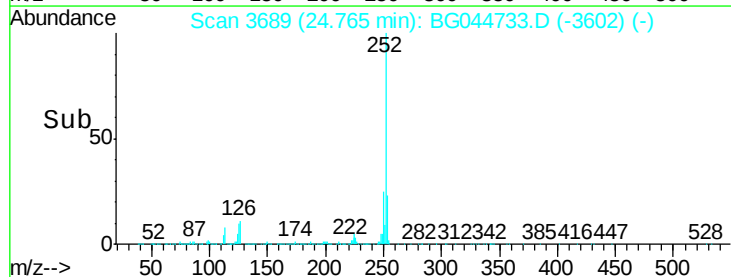
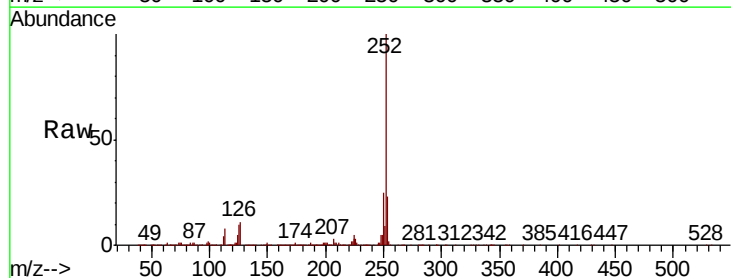
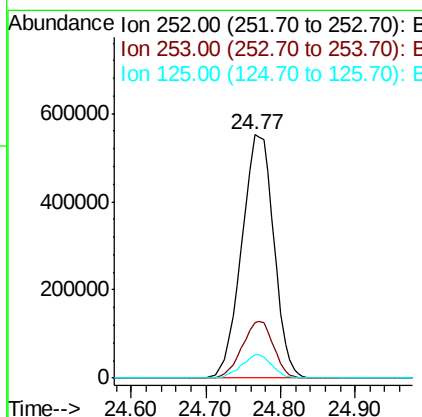
Manual Integrations
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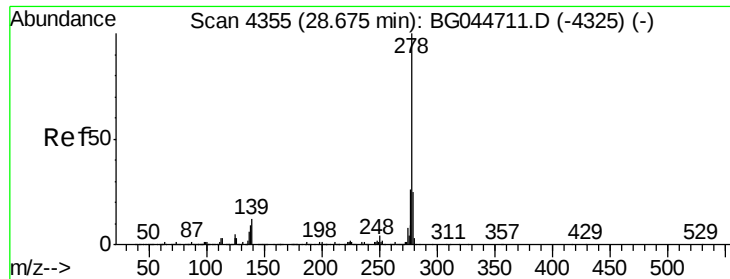
mohammad
3/16/2020 1:48:13 PM



#90
Benzo(a)pyrene
Concen: 37.573 ng
RT: 24.77 min Scan# 3689
Delta R.T. -0.02 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	9.5	7.0	10.6





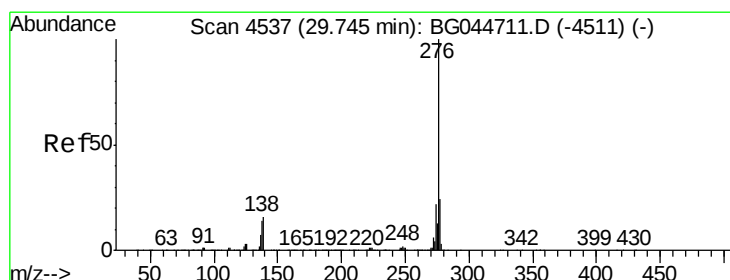
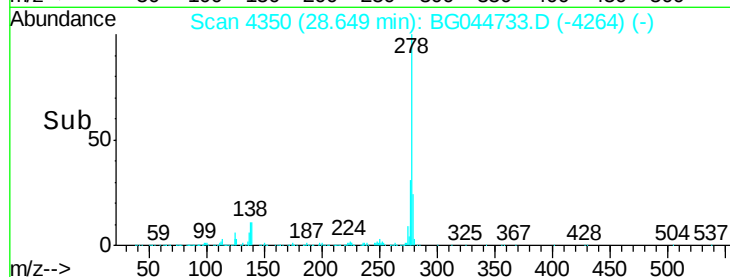
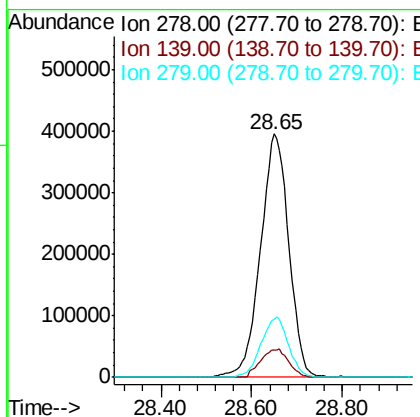
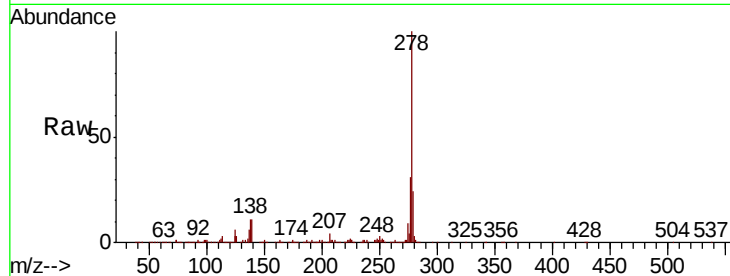
#91
Dibenzo(a,h)anthracene
Concen: 39.461 ng
RT: 28.65 min Scan# 4350
Delta R.T. -0.03 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Instrument :
BNA_G
ClientSampled :
TP-1MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.4	9.9	14.9
279	23.8	20.2	30.4

Manual Integrations
APPROVED

mohammad
3/16/2020 1:48:13 PM



#92
Benzo(g,h,i)perylene
Concen: 39.975 ng
RT: 29.72 min Scan# 4533
Delta R.T. -0.02 min
Lab File: BG044733.D
Acq: 12 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.8	28.2
138	16.4	13.0	19.4

