

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
 Data File : BG043070.D
 Acq On : 7 Oct 2019 16:36
 Operator : JU
 Sample : K5168-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Manual Integrations
 APPROVED

mohammad
 10/8/2019 12:22:45 PM

Quant Time: Oct 08 02:14:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	49701	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	199264	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	156297	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	403644	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	437488	20.00	ng	-0.02
87) Perylene-d12	24.91	264	506813	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	320679	115.15	ng	-0.02
7) Phenol-d6	7.23	99	478640	119.35	ng	-0.01
23) Nitrobenzene-d5	9.22	82	287872	70.22	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	334197	124.35	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	709908	65.85	ng	-0.02
79) Terphenyl-d14	20.03	244	1477644	71.97	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	39809	34.285	ng	94
3) Pyridine	3.93	79	95359	29.199	ng	89
4) n-Nitrosodimethylamine	3.85	42	61908	39.420	ng	# 87
6) Aniline	7.38	93	193428	39.955	ng	99
8) 2-Chlorophenol	7.63	128	145250	50.011	ng	98
9) Benzaldehyde	7.20	77	84785	34.596	ng	86
10) Phenol	7.26	94	199980	54.349	ng	95
11) bis(2-Chloroethyl)ether	7.48	93	119973	42.141	ng	92
12) 1,3-Dichlorobenzene	7.95	146	146665	39.585	ng	96
13) 1,4-Dichlorobenzene	8.09	146	149923	40.592	ng	97
14) 1,2-Dichlorobenzene	8.41	146	146112	41.552	ng	97
15) Benzyl Alcohol	8.30	79	138204	45.835	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	176531	32.288	ng	98
17) 2-Methylphenol	8.51	107	126067	48.966	ng	97
18) Hexachloroethane	9.15	117	52390	37.663	ng	95
19) n-Nitroso-di-n-propylamine	8.86	70	115772	43.963	ng	92
20) 3+4-Methylphenols	8.83	107	176390	49.994	ng	97
22) Acetophenone	8.88	105	216058	42.064	ng	# 96
24) Nitrobenzene	9.26	77	170374	43.569	ng	93
25) Isophorone	9.78	82	326567	45.349	ng	98
26) 2-Nitrophenol	9.97	139	83469	50.142	ng	93
27) 2,4-Dimethylphenol	10.03	122	141251	55.252	ng	100
28) bis(2-Chloroethoxy)methane	10.26	93	180744	44.238	ng	98
29) 2,4-Dichlorophenol	10.51	162	164630	51.779	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	175572	42.761	ng	94
31) Naphthalene	10.91	128	448669	45.740	ng	99
32) Benzoic acid	10.19	122	92740	46.840	ng	88
33) 4-Chloroaniline	11.02	127	135073	31.734	ng	97
34) Hexachlorobutadiene	11.20	225	121780	39.612	ng	96
35) Caprolactam	11.79	113	59543m	53.105	ng	
36) 4-Chloro-3-methylphenol	12.14	107	186165	53.852	ng	93
37) 2-Methylnaphthalene	12.51	142	359656	48.063	ng	98
38) 1-Methylnaphthalene	12.73	142	339742	47.981	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	232601	39.581	ng	99

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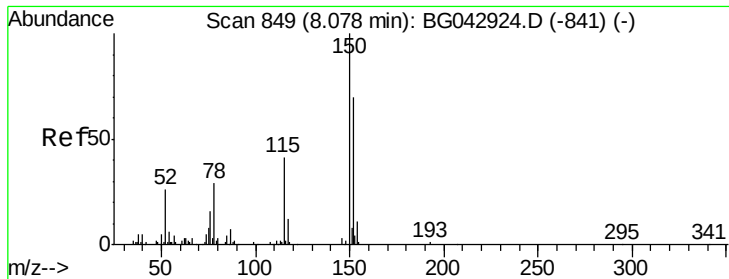
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	306822	81.943	ng	95
43) 2,4,6-Trichlorophenol	13.12	196	166052	48.276	ng	99
44) 2,4,5-Trichlorophenol	13.19	196	179186	50.570	ng	94
46) 1,1'-Biphenyl	13.52	154	500946	42.264	ng	98
47) 2-Chloronaphthalene	13.56	162	393819	44.316	ng	99
48) 2-Nitroaniline	13.76	65	130140	44.038	ng	92
49) Acenaphthylene	14.40	152	645199	47.449	ng	99
50) Dimethylphthalate	14.13	163	671069	57.304	ng	99
51) 2,6-Dinitrotoluene	14.25	165	128136	51.380	ng	94
52) Acenaphthene	14.74	154	394727	43.369	ng	97
53) 3-Nitroaniline	14.58	138	95246	36.956	ng	95
54) 2,4-Dinitrophenol	14.79	184	168873	108.939	ng	94
55) Dibenzofuran	15.08	168	635471	47.198	ng	98
56) 4-Nitrophenol	14.90	139	212918	108.425	ng	95
57) 2,4-Dinitrotoluene	15.04	165	186299	51.012	ng	95
58) Fluorene	15.73	166	549902	47.839	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	184558	48.919	ng	100
60) Diethylphthalate	15.50	149	567821	47.644	ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	317836	46.104	ng	98
62) 4-Nitroaniline	15.75	138	136988	48.735	ng	95
63) Azobenzene	16.01	77	482265	44.446	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	121176	53.052	ng	90
66) n-Nitrosodiphenylamine	15.93	169	501610	47.075	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	229842	45.368	ng	95
68) Hexachlorobenzene	16.73	284	254132	45.053	ng	97
69) Atrazine	16.88	200	197814	44.086	ng	97
70) Pentachlorophenol	17.08	266	326895	100.433	ng	98
71) Phenanthrene	17.47	178	936662	47.532	ng	98
72) Anthracene	17.55	178	945889	48.081	ng	98
73) Carbazole	17.82	167	872952	47.851	ng	99
74) Di-n-butylphthalate	18.38	149	1002978	46.080	ng	99
75) Fluoranthene	19.47	202	1277698	49.020	ng	98
77) Benzidine	19.65	184	587320	53.616	ng	99
78) Pyrene	19.83	202	1279390	48.996	ng	99
80) Butylbenzylphthalate	20.72	149	463363	46.750	ng	94
81) Benzo(a)anthracene	21.67	228	1268194	46.523	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	411049	38.446	ng	97
83) Chrysene	21.74	228	1215583	45.952	ng	100
84) Bis(2-ethylhexyl)phthalate	21.58	149	666709	47.273	ng	97
85) Di-n-octyl phthalate	22.79	149	1111058	48.177	ng	97
86) Indeno(1,2,3-cd)pyrene	28.58	276	1631518	49.542	ng	# 97
88) Benzo(b)fluoranthene	23.89	252	1347602	46.993	ng	98
89) Benzo(k)fluoranthene	23.96	252	1342690	47.329	ng	99
90) Benzo(a)pyrene	24.76	252	1341355	49.578	ng	98
91) Dibenzo(a,h)anthracene	28.64	278	1365611	49.223	ng	99
92) Benzo(g,h,i)perylene	29.73	276	1355941	50.442	ng	97

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



#1

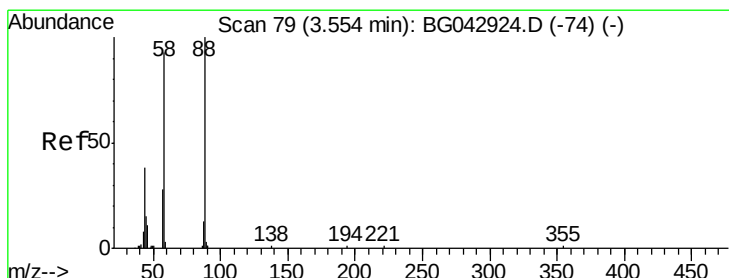
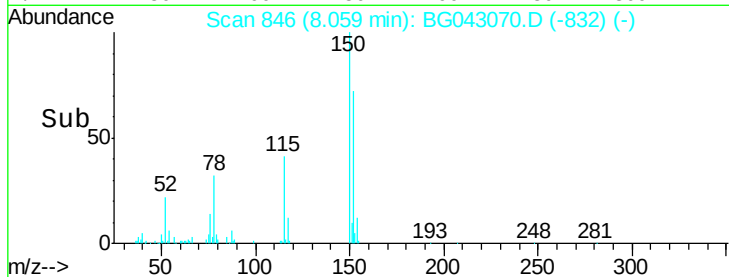
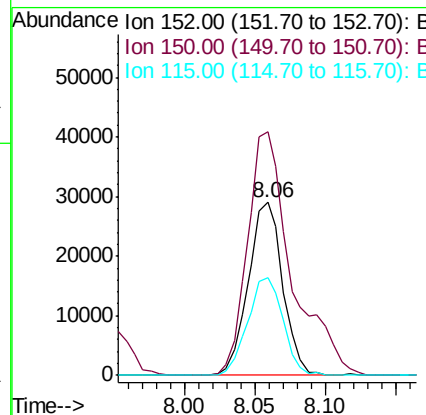
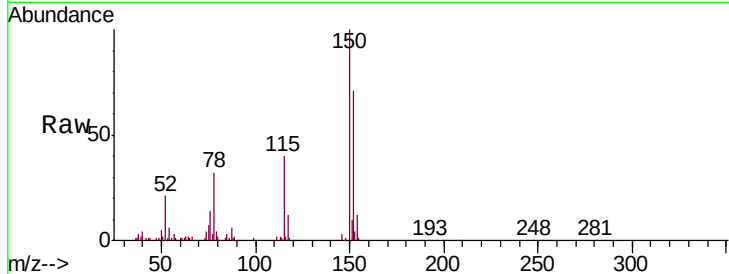
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	140.6	115.0	172.4
115	56.6	47.0	70.6

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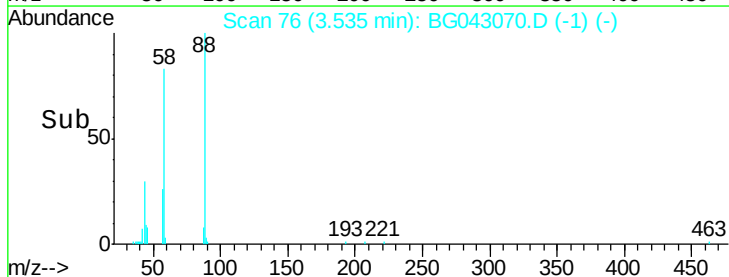
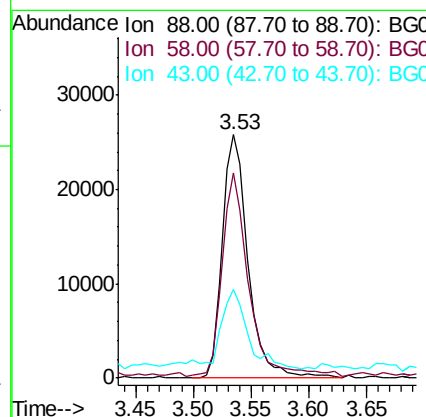
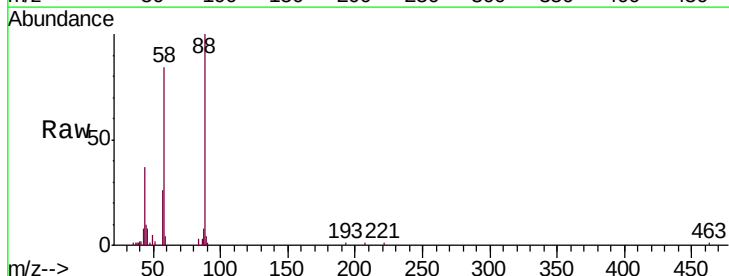
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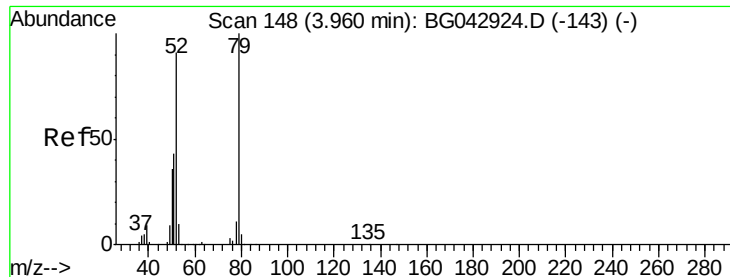


#2

1,4-Dioxane
Concen: 34.285 ng
RT: 3.53 min Scan# 76
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.3	74.3	111.5
43	34.6	29.8	44.8





#3

Pyridine

Concen: 29.199 ng

RT: 3.93 min Scan# 144

Delta R.T. -0.03 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Instrument :

BNA_G

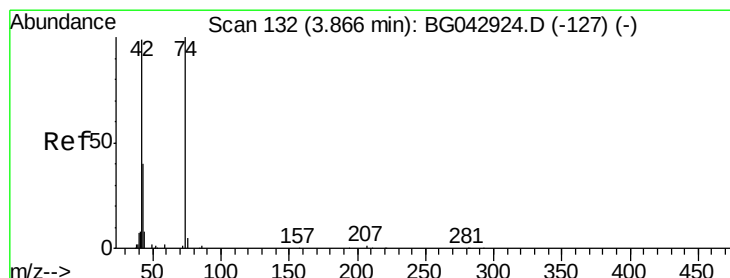
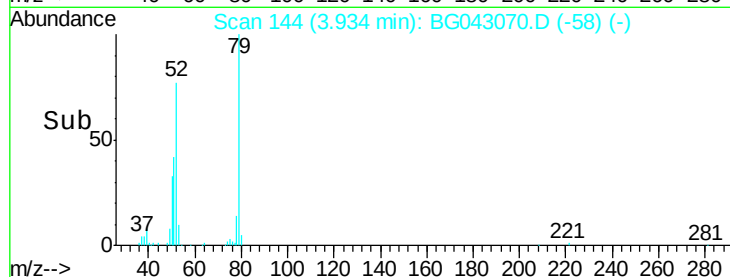
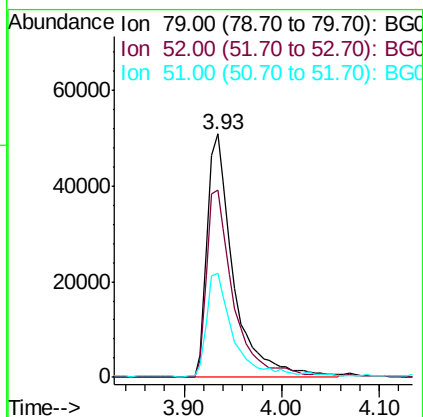
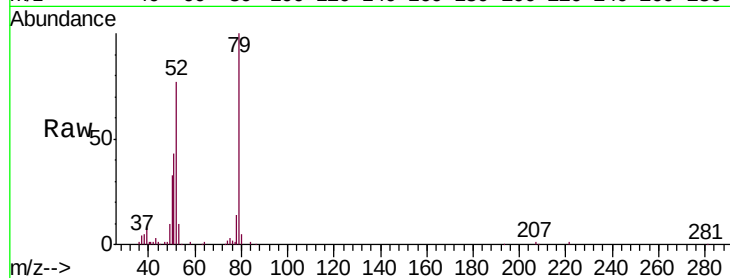
ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tgt Ion:	79	Resp:	95359
Ion	Ratio	Lower	Upper
79	100		
52	76.7	73.0	109.4
51	42.7	35.1	52.7

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#4

n-Nitrosodimethylamine

Concen: 39.420 ng

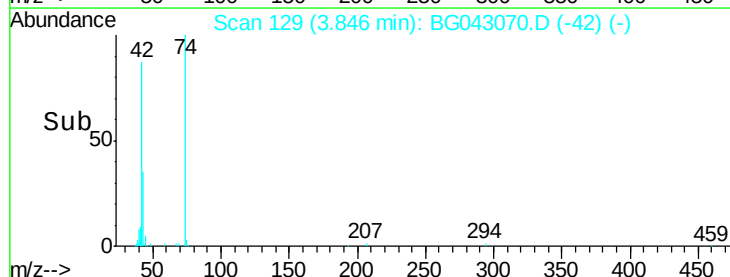
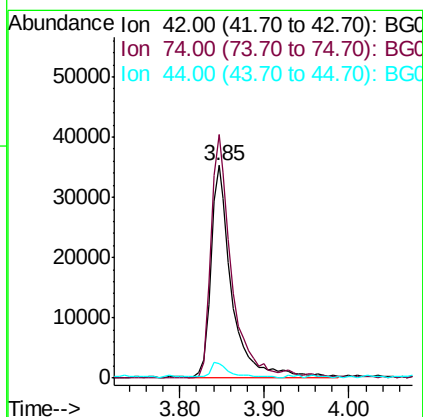
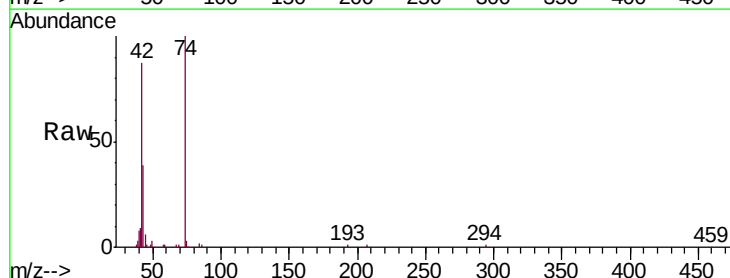
RT: 3.85 min Scan# 129

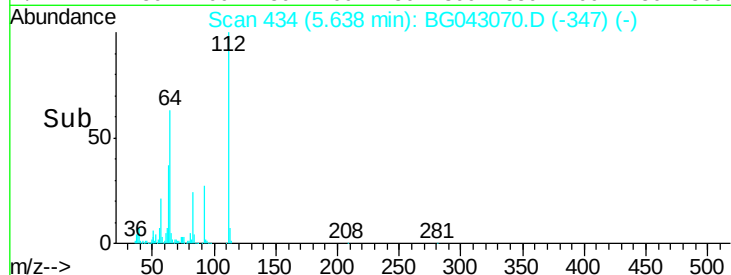
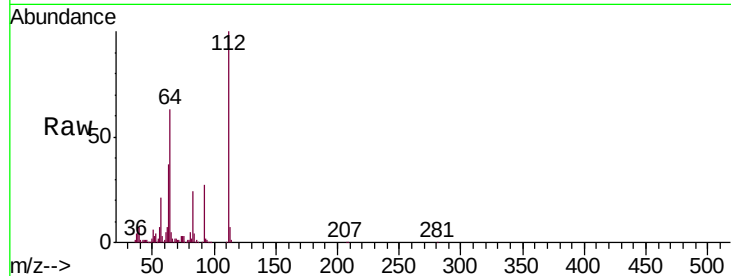
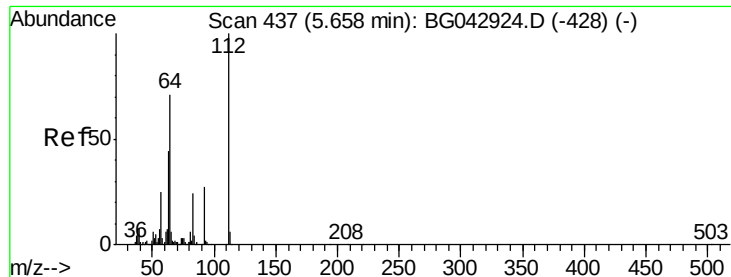
Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Tgt Ion:	42	Resp:	61908
Ion	Ratio	Lower	Upper
42	100		
74	114.7	80.5	120.7
44	6.7	6.9	10.3#





#5

2-Fluorophenol

Concen: 115.147 ng

RT: 5.64 min Scan# 434

Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Instrument :

BNA_G

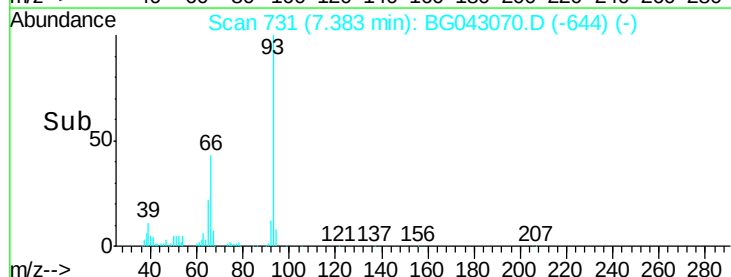
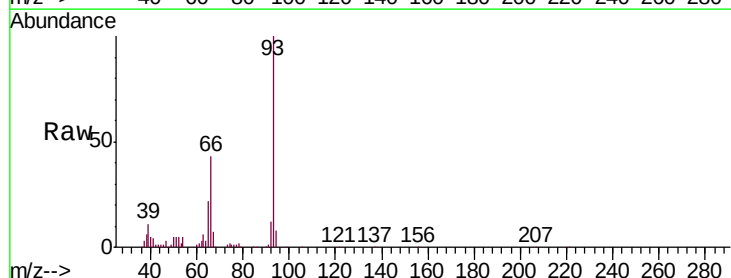
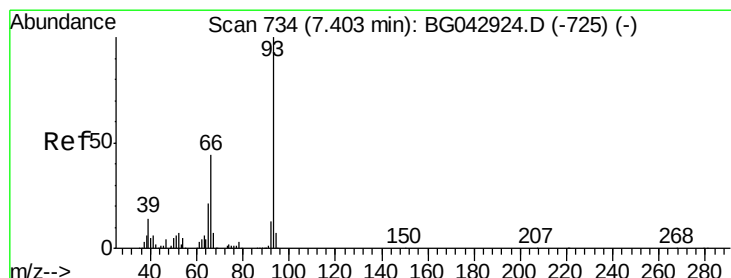
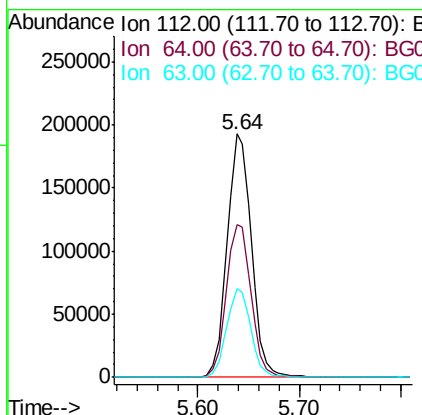
ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tgt Ion:	112	Resp:	320679
Ion Ratio	Lower	Upper	
112	100		
64	62.8	56.6	84.8
63	36.6	35.1	52.7

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#6

Aniline

Concen: 39.955 ng

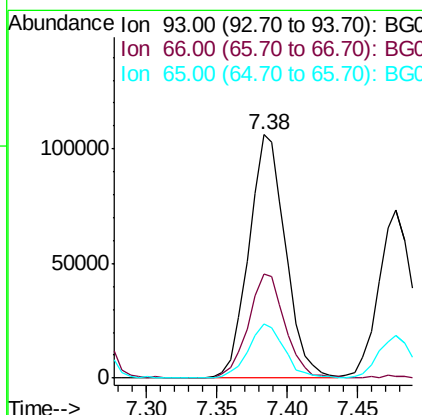
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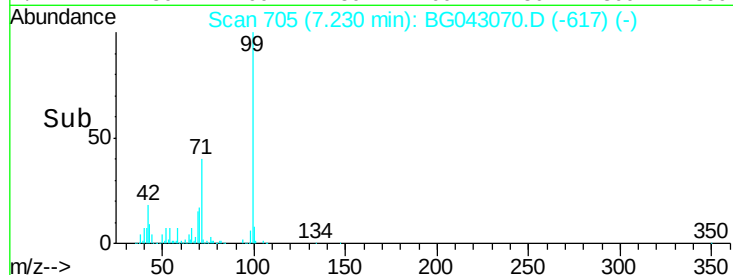
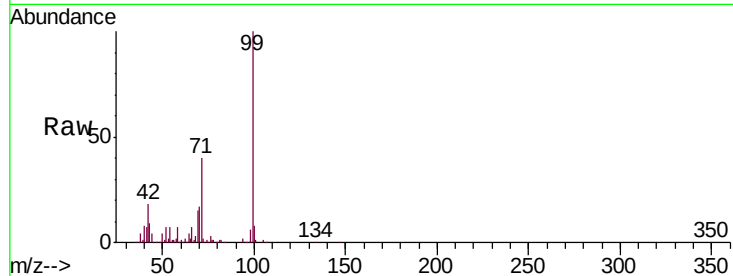
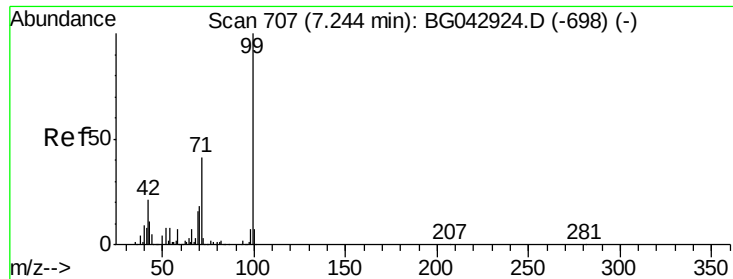
Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Tgt Ion:	93	Resp:	193428
Ion Ratio	Lower	Upper	
93	100		
66	42.9	35.0	52.6
65	22.1	17.4	26.0





#7

Phenol-d6

Concen: 119.347 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Tgt Ion:	99	Resp:	478640
Ion Ratio	Lower	Upper	
99	100		
42	18.4	17.2	25.8
71	39.7	33.1	49.7

Instrument :

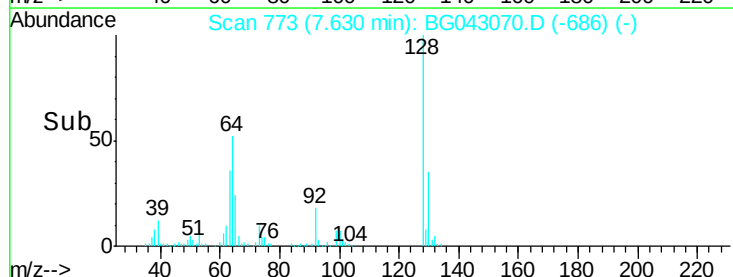
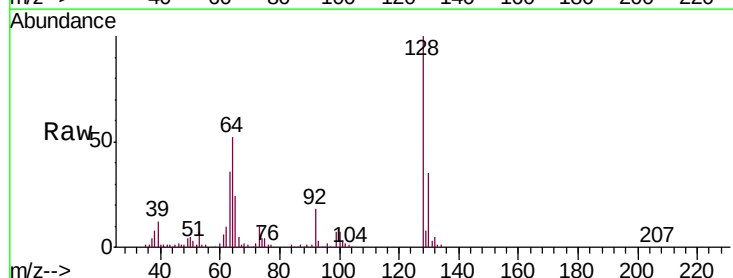
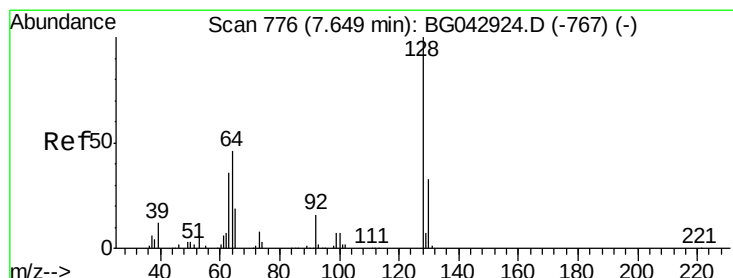
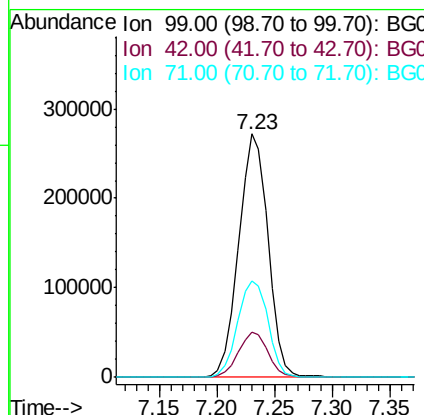
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#8

2-Chlorophenol

Concen: 50.011 ng

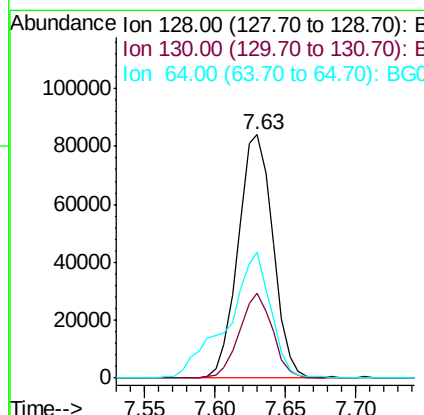
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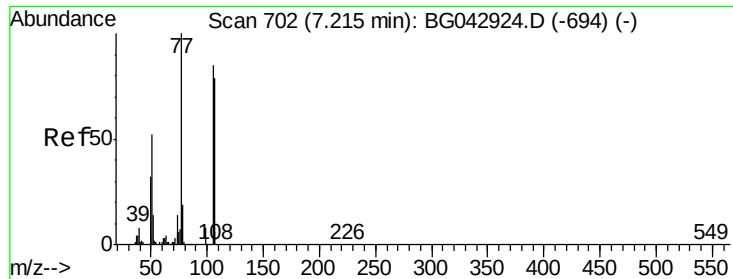
Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Tgt Ion:	128	Resp:	145250
Ion Ratio	Lower	Upper	
128	100		
130	34.8	12.5	52.5
64	51.9	32.8	72.8





#9

Benzaldehyde

Concen: 34.596 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Instrument :

BNA_G

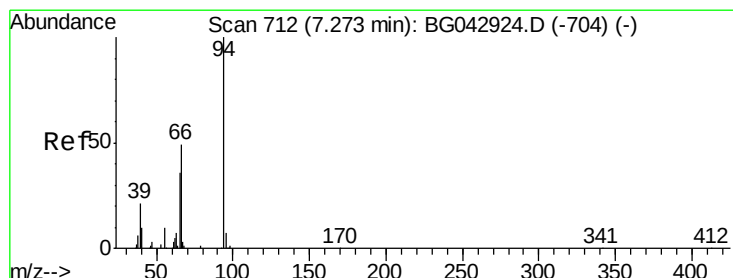
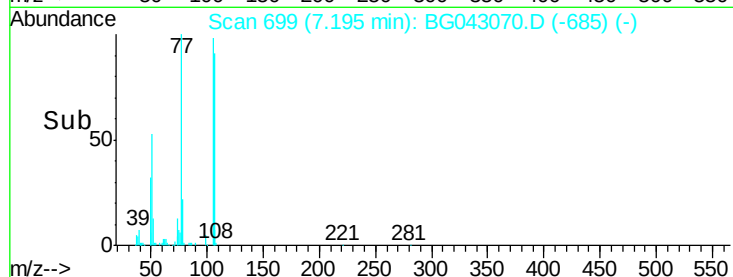
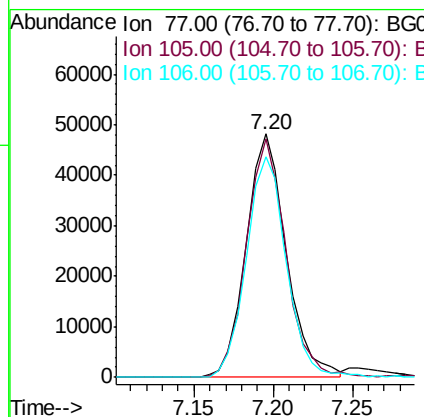
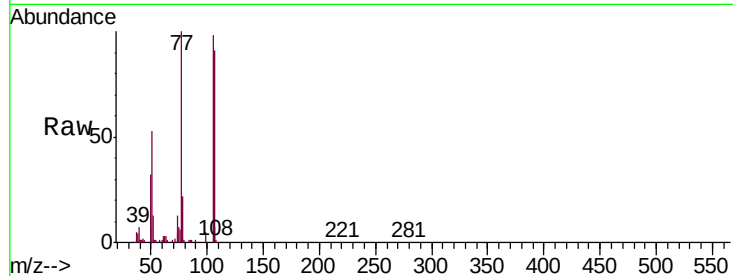
ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tgt Ion:	77	Resp:	84785
Ion Ratio	Lower	Upper	
77	100		
105	98.0	64.6	104.6
106	90.6	59.4	99.4

Manual Integrations
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#10

Phenol

Concen: 54.349 ng

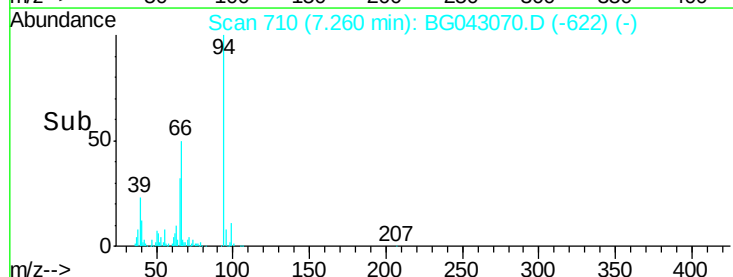
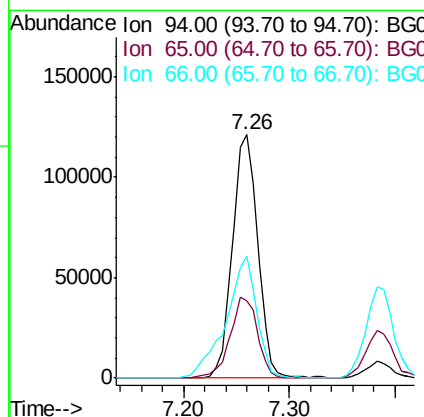
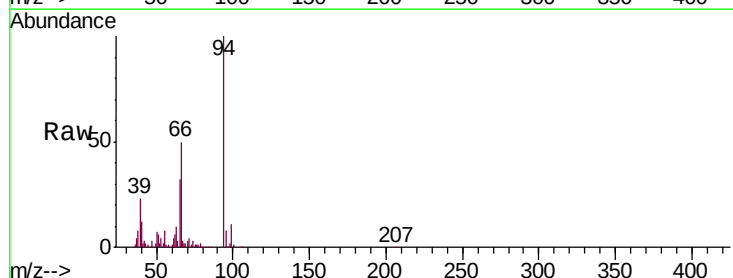
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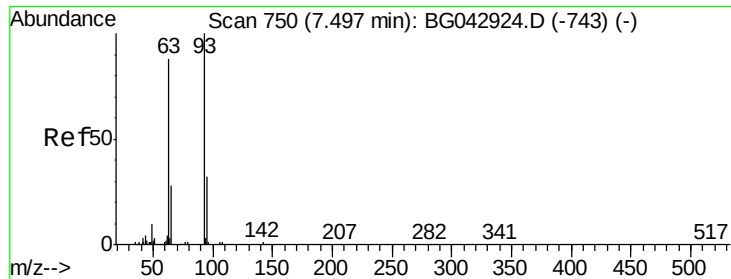
Delta R.T. -0.01 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Tgt Ion:	94	Resp:	199980
Ion Ratio	Lower	Upper	
94	100		
65	31.7	16.6	56.6
66	50.2	32.4	72.4





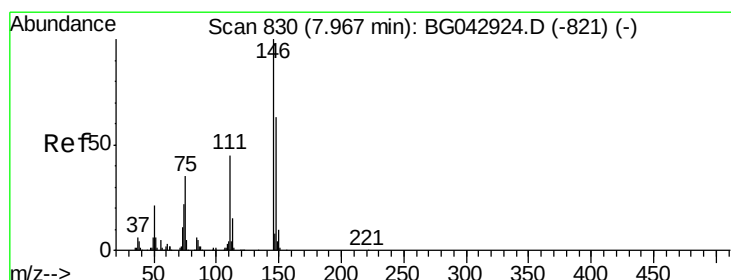
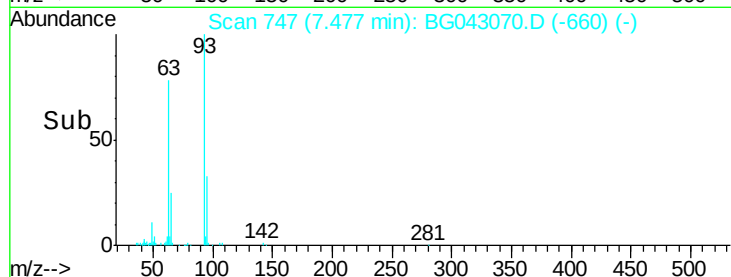
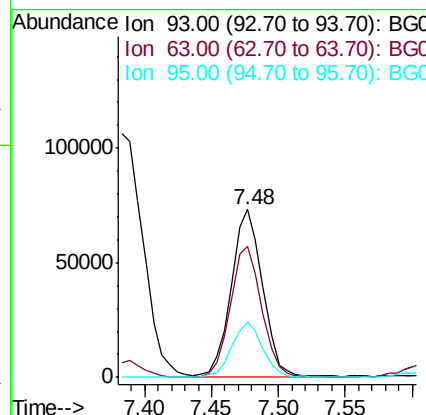
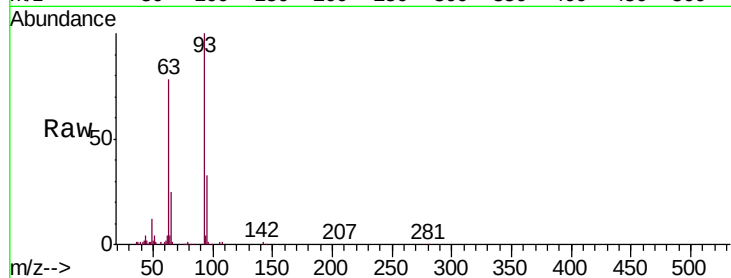
#11
bis(2-Chloroethyl)ether
Concen: 42.141 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	78.4	67.4	107.4
95	32.7	11.9	51.9

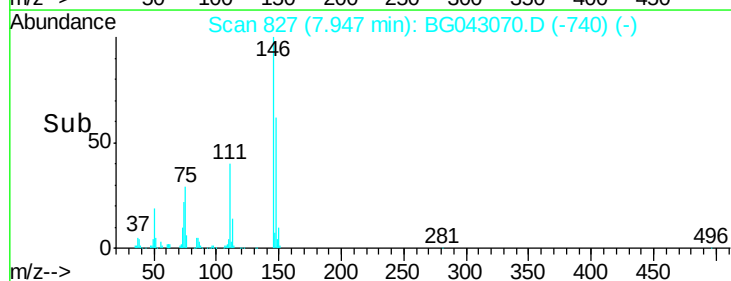
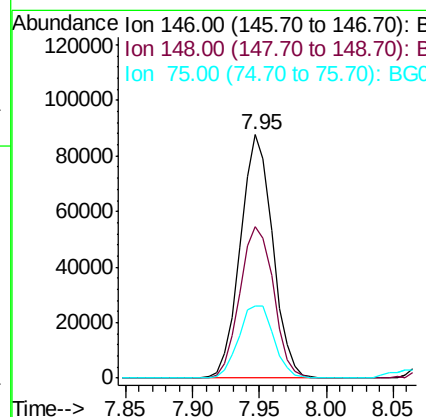
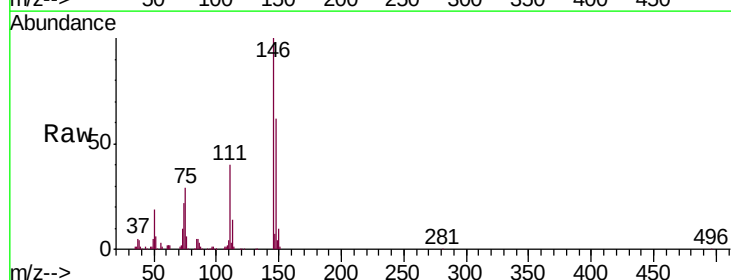
Manual Integrations
APPROVED

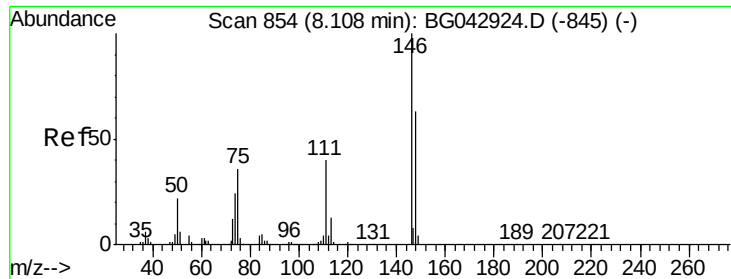
mohammad
10/8/2019 12:22:45 PM



#12
1,3-Dichlorobenzene
Concen: 39.585 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.7	76.1
75	29.4	27.7	41.5





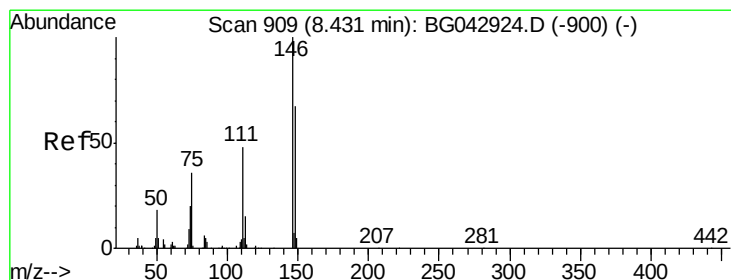
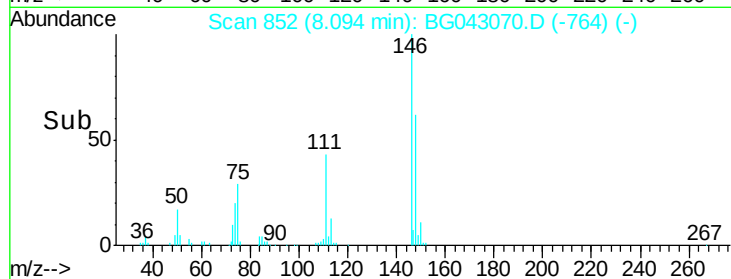
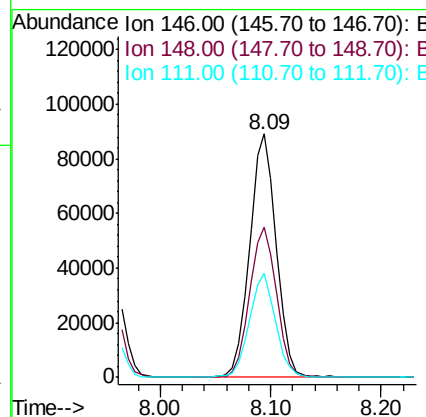
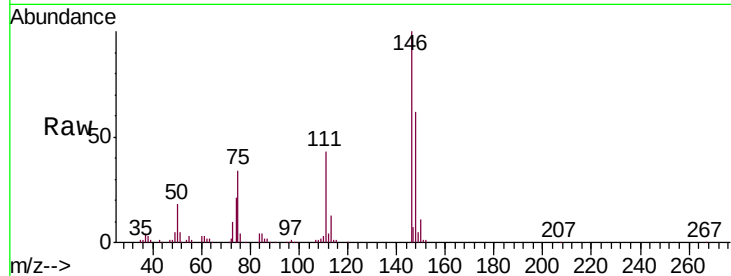
#13
 1,4-Dichlorobenzene
 Concen: 40.592 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	50.9	76.3
111	42.8	31.8	47.8

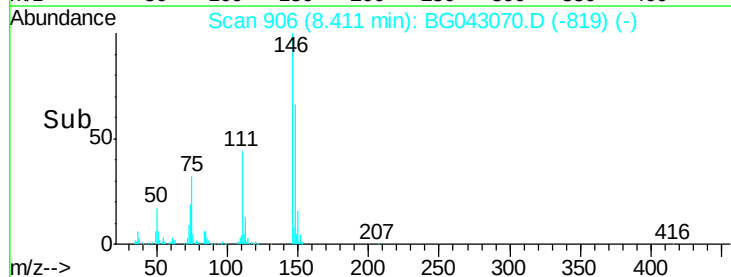
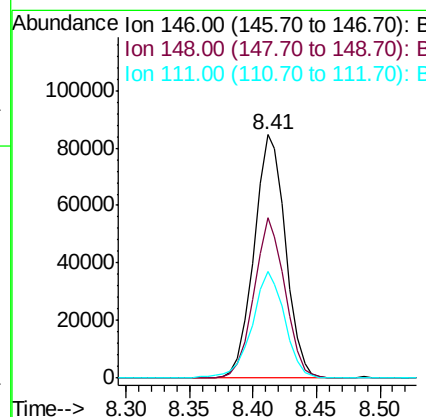
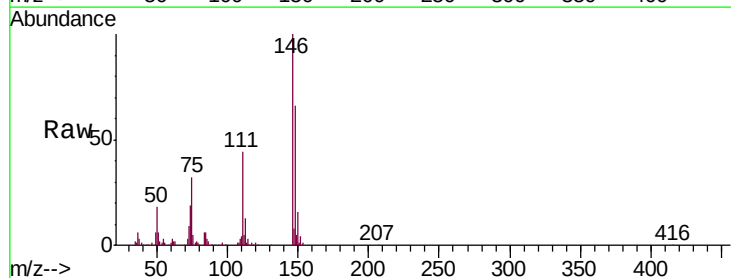
Manual Integrations
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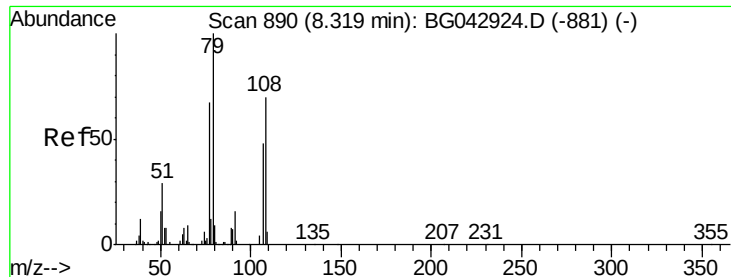
mohammad
 10/8/2019 12:22:45 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.552 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	53.4	80.2
111	43.9	38.5	57.7





#15

Benzyl Alcohol

Concen: 45.835 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Instrument :

BNA_G

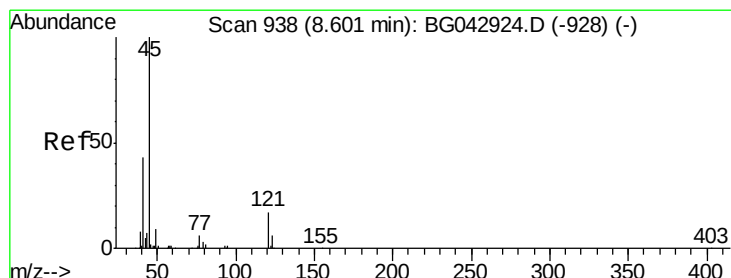
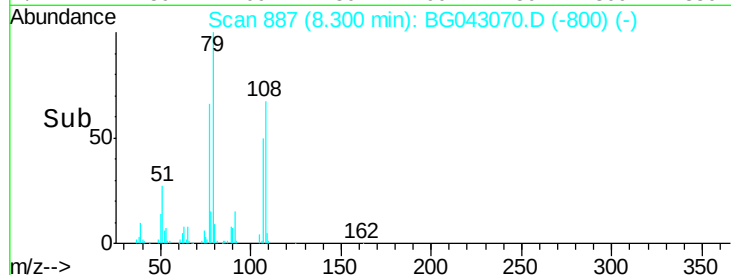
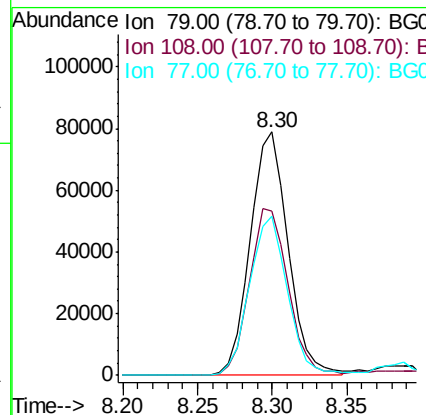
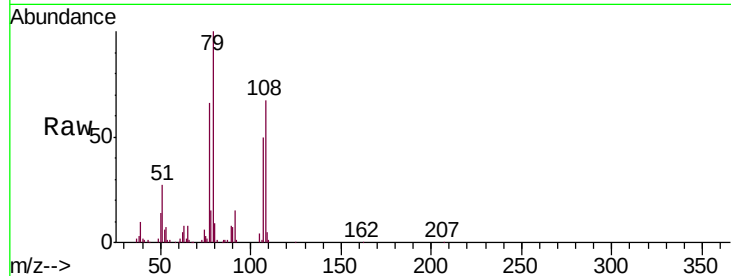
ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tgt Ion:	79	Resp:	138204
Ion Ratio	Lower	Upper	
79	100		
108	67.3	55.7	83.5
77	65.6	53.3	79.9

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.288 ng

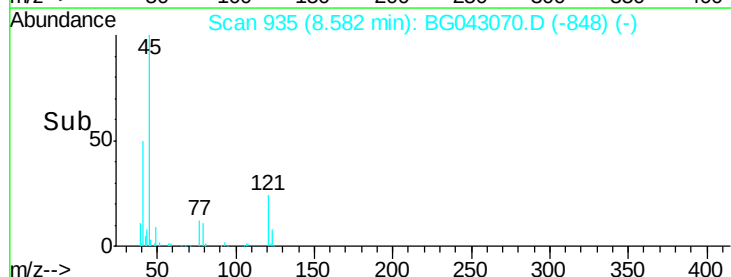
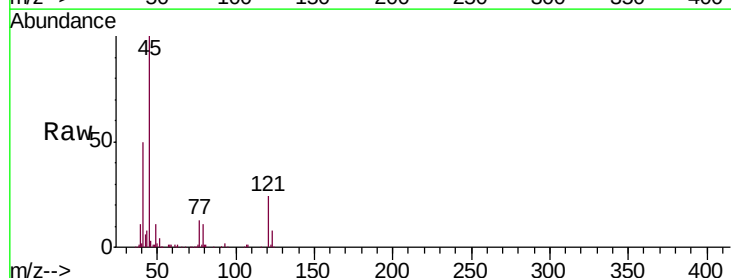
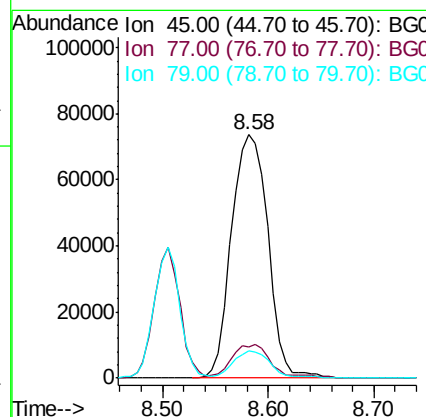
RT: 8.58 min Scan# 935

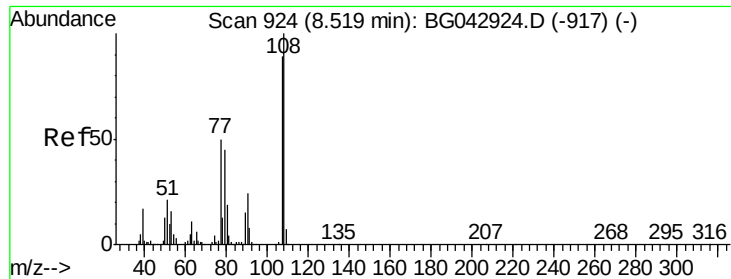
Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Tgt Ion:	45	Resp:	176531
Ion Ratio	Lower	Upper	
45	100		
77	12.6	0.0	32.8
79	11.3	0.0	29.4





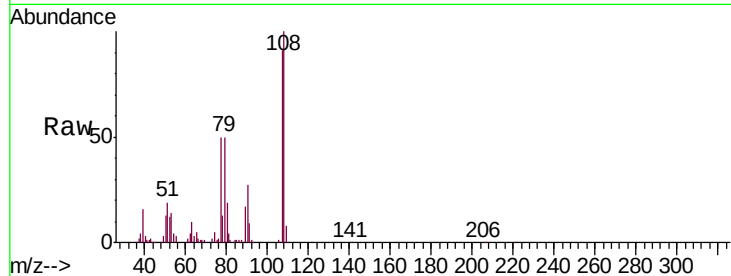
#17
2-Methylphenol
Concen: 48.966 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.3	89.9	134.9	
77	54.2	45.4	68.2	
79	54.4	41.4	62.0	

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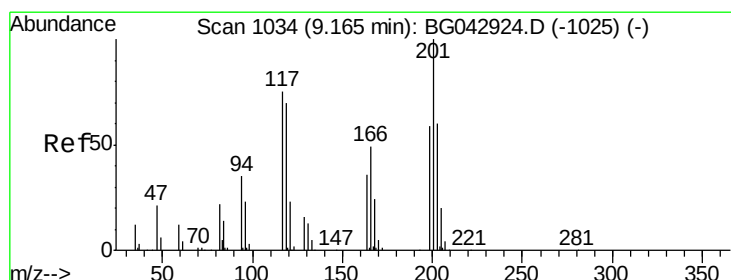
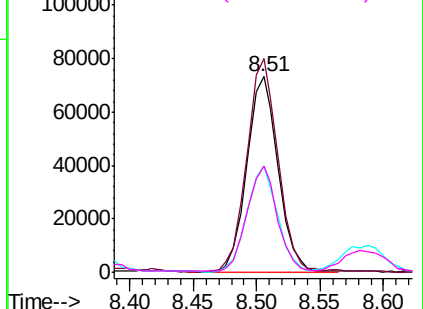
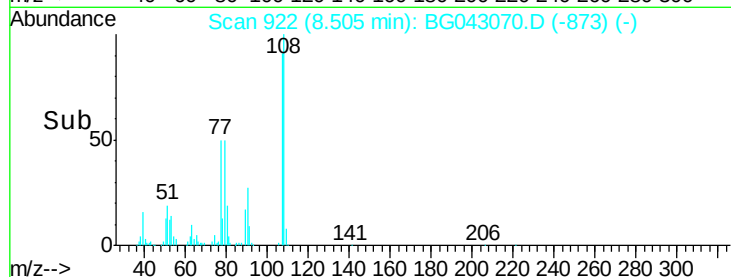
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

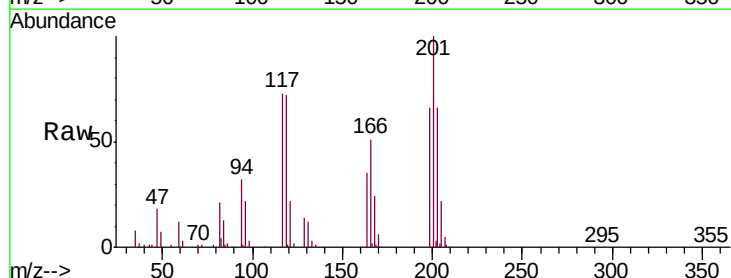
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.663 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.4	74.6	111.8	
201	137.2	106.0	159.0	

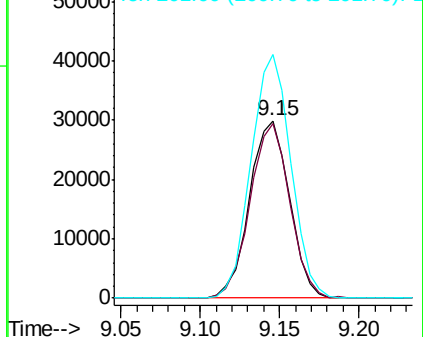
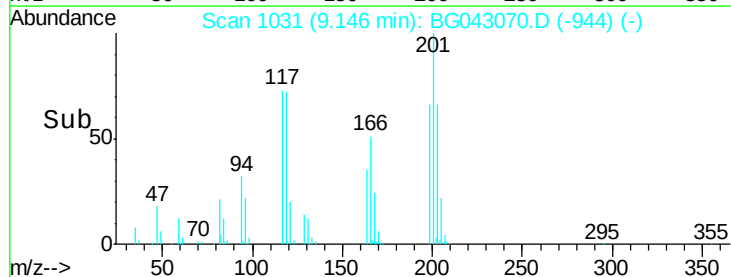


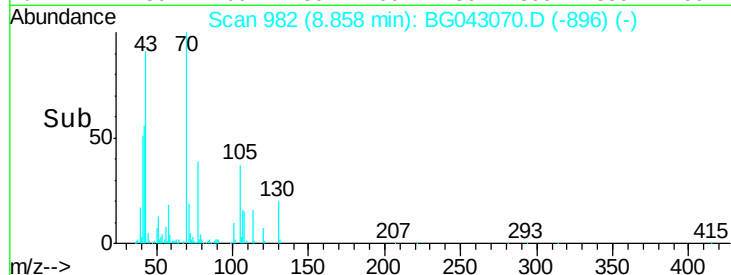
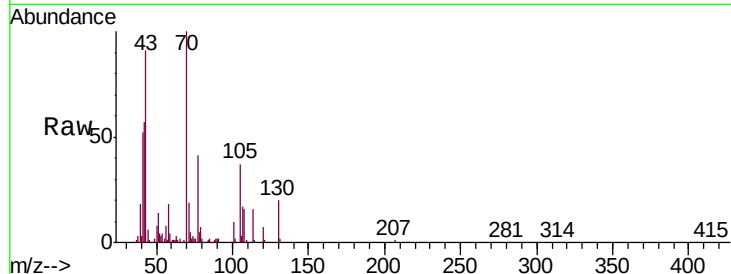
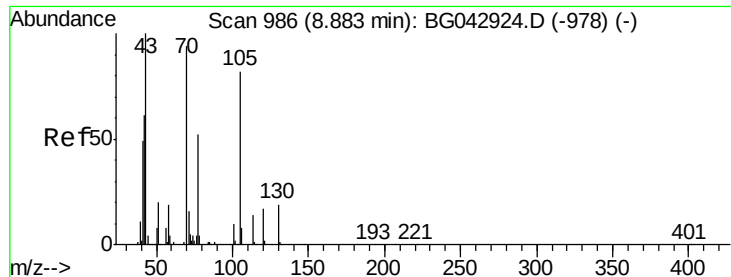
Abundance

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





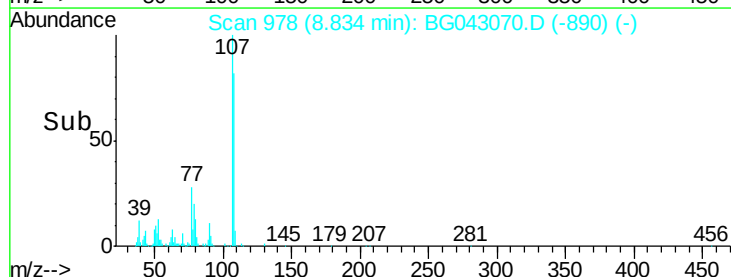
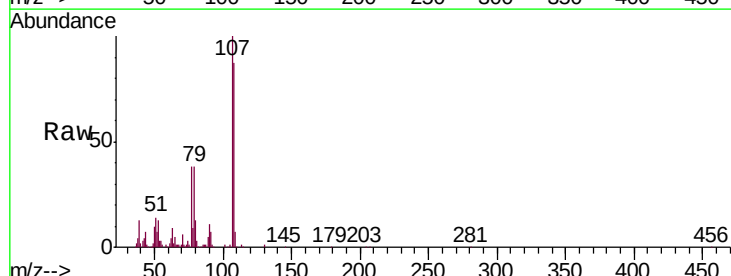
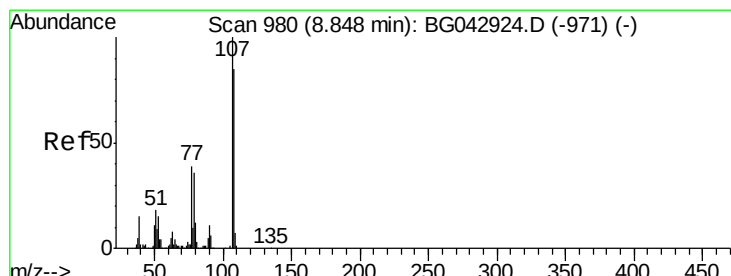
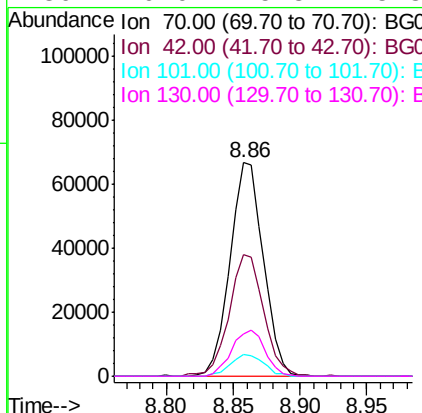
#19
n-Nitroso-di-n-propylamine
Concen: 43.963 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.03 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
70	100		
42	56.7	52.6	79.0
101	10.2	8.7	13.1
130	20.0	15.8	23.8

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

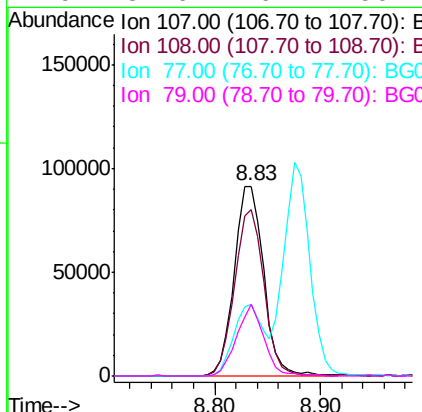
Manual Integrations
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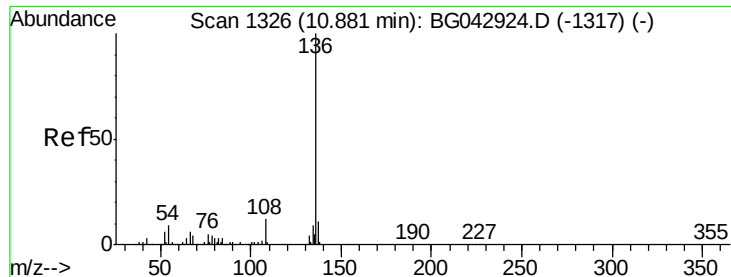
mohammad
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#20
3+4-Methylphenols
Concen: 49.994 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	64.9	104.9
77	37.7	19.4	59.4
79	37.6	16.2	56.2





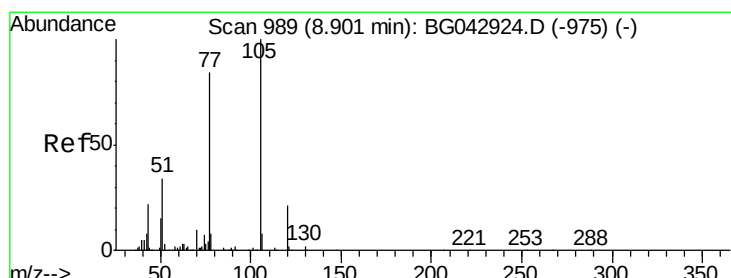
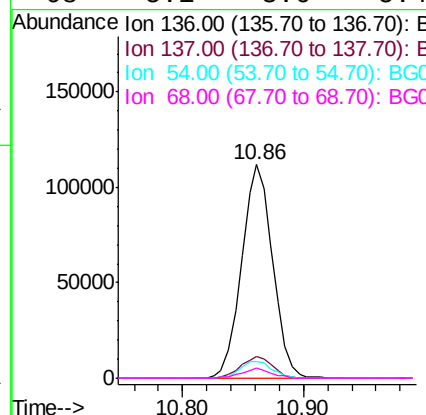
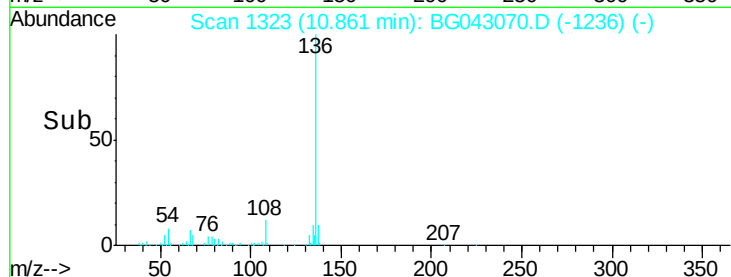
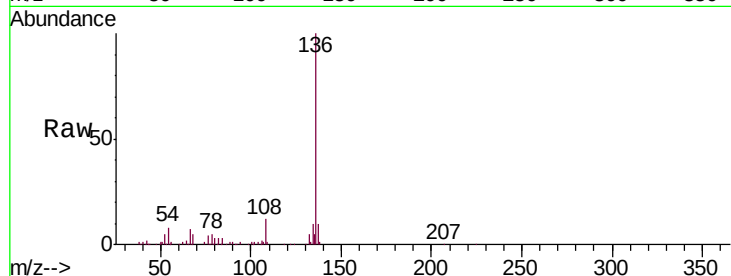
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	199264		
137	10.1	8.5	12.7	
54	8.1	7.4	11.2	
68	5.1	3.6	5.4	

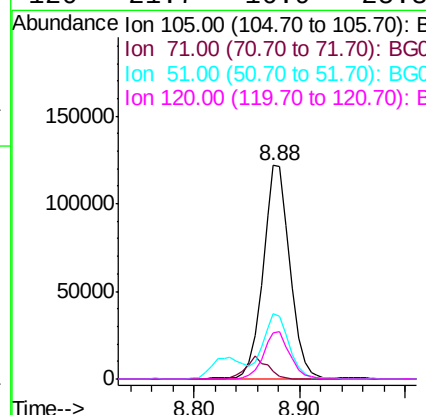
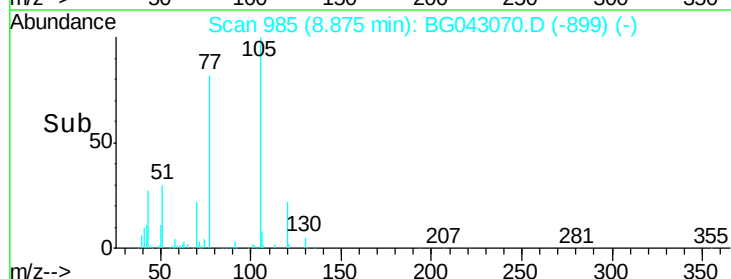
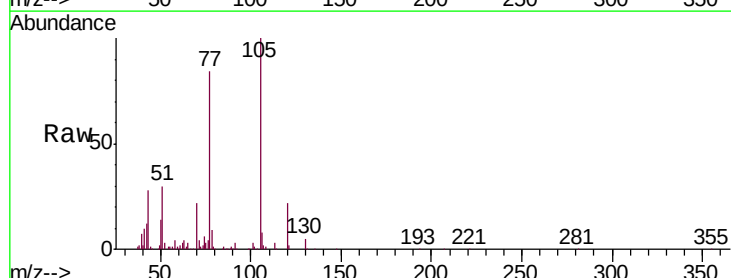
Manual Integrations
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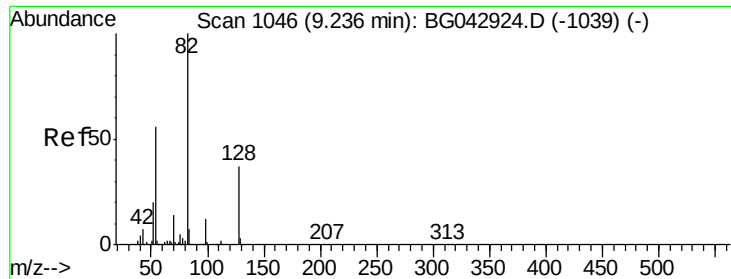
mohammad
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#22
Acetophenone
Concen: 42.064 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.03 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	216058		
71	3.8	1.2	1.8#	
51	30.5	27.2	40.8	
120	21.7	16.9	25.3	





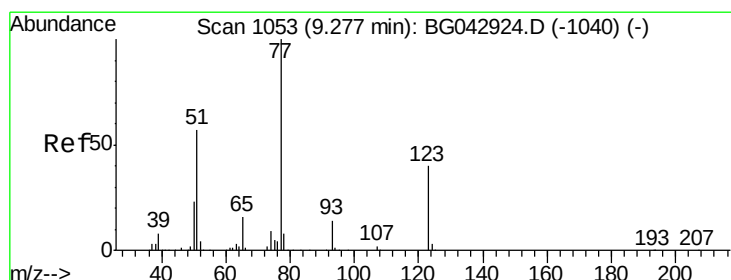
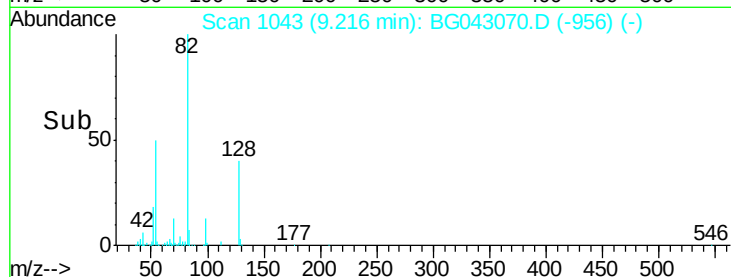
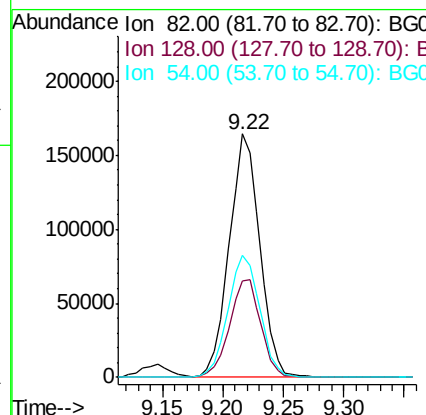
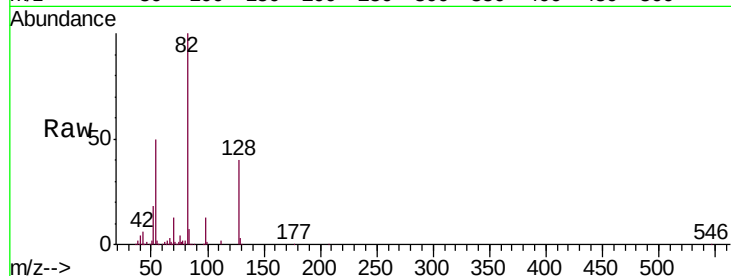
#23
 Nitrobenzene-d5
 Concen: 70.219 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.02 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.6	29.5	44.3
54	50.2	44.6	67.0

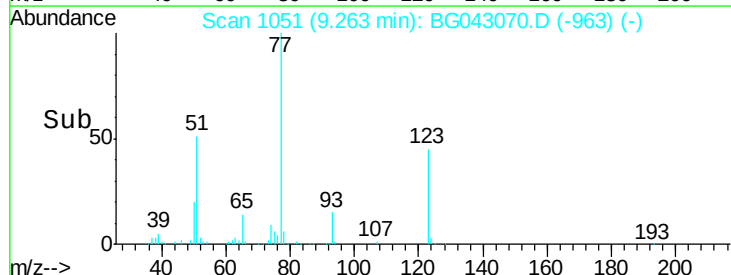
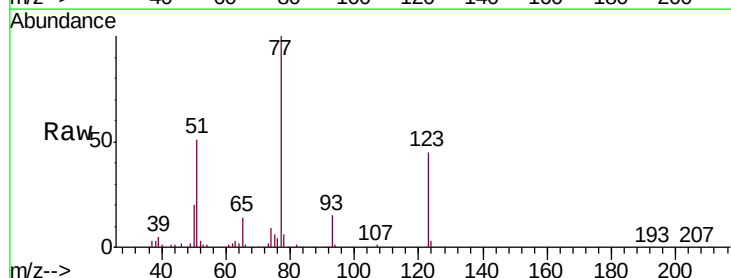
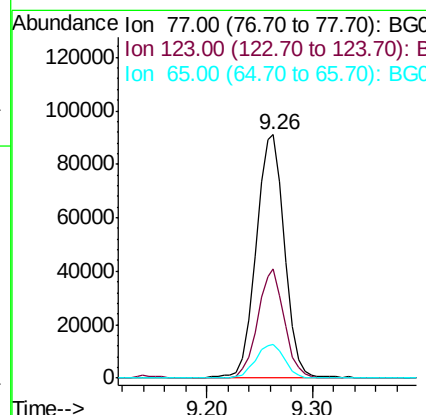
Manual Integrations
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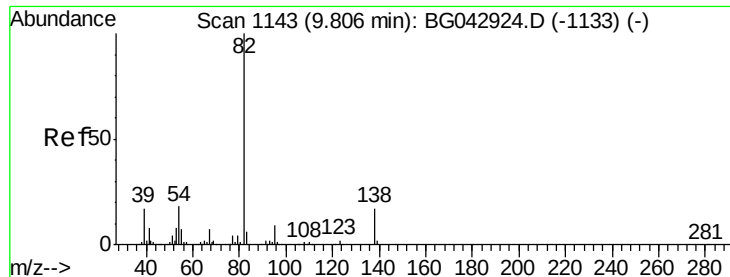
mohammad
 10/8/2019 12:22:45 PM



#24
 Nitrobenzene
 Concen: 43.569 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.1	31.9	47.9
65	13.7	12.4	18.6





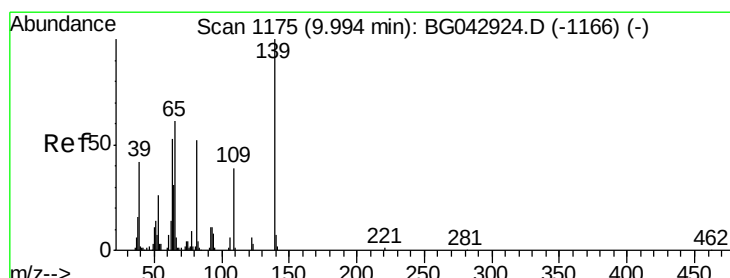
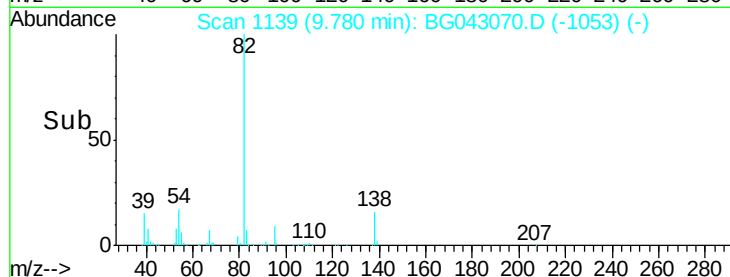
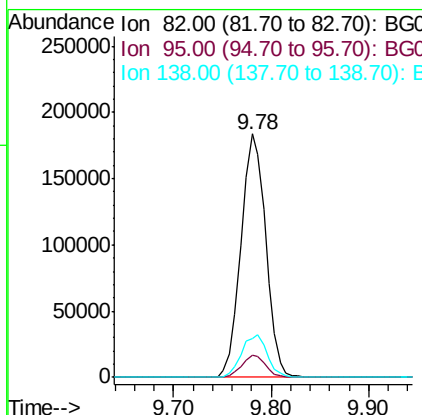
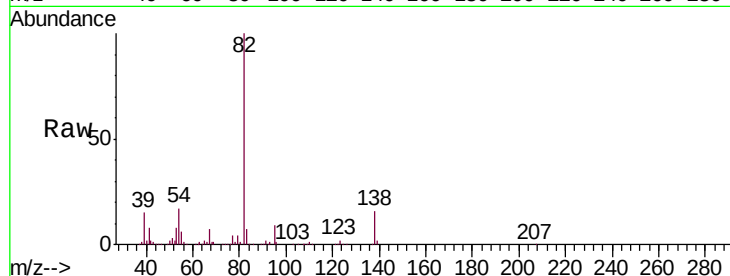
#25
Isophorone
Concen: 45.349 ng
RT: 9.78 min Scan# 1139
Delta R.T. -0.03 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	326567		
95	9.0	7.0	10.4	
138	16.1	13.8	20.6	

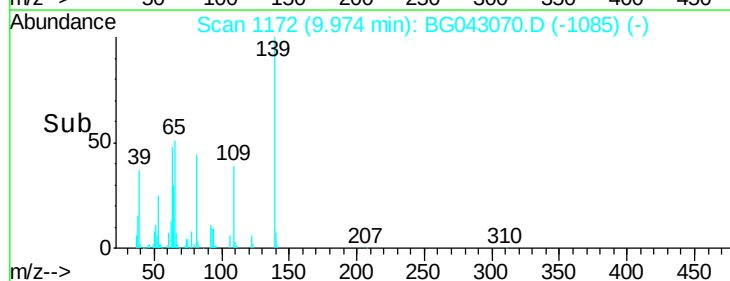
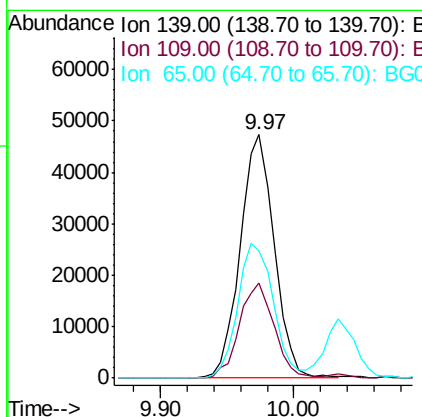
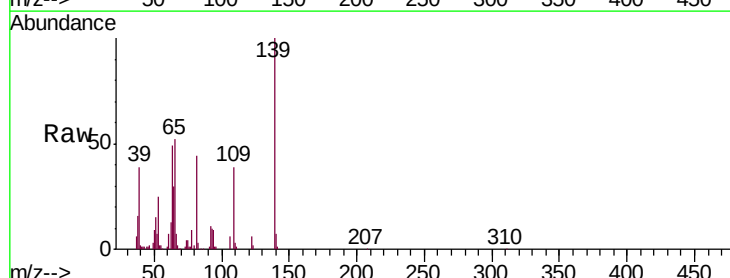
Manual Integrations
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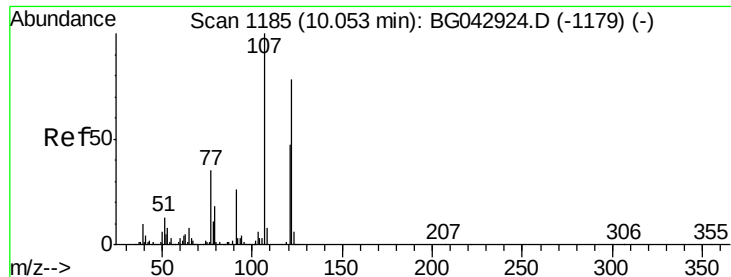
mohammad
10/8/2019 12:22:45 PM



#26
2-Nitrophenol
Concen: 50.142 ng
RT: 9.97 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	83469		
109	38.9	31.0	46.6	
65	52.1	48.4	72.6	





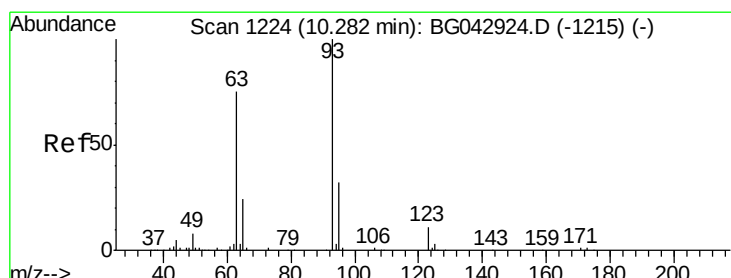
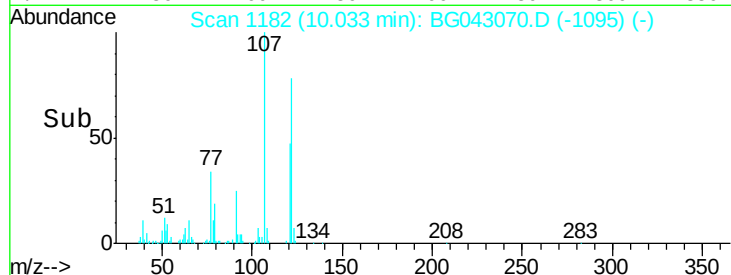
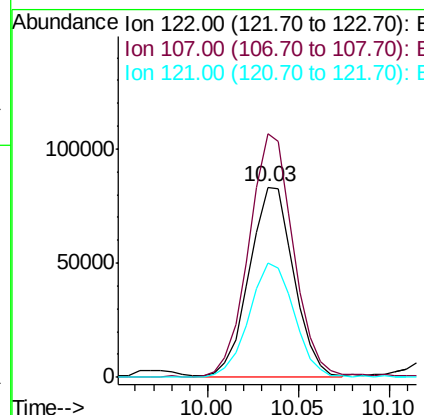
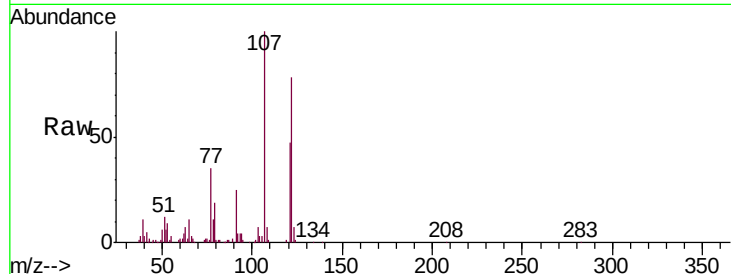
#27
2,4-Dimethylphenol
Concen: 55.252 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	141251		
107	128.0	102.2	153.2	
121	60.0	48.5	72.7	

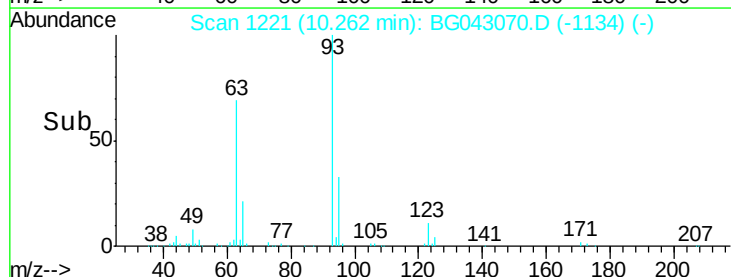
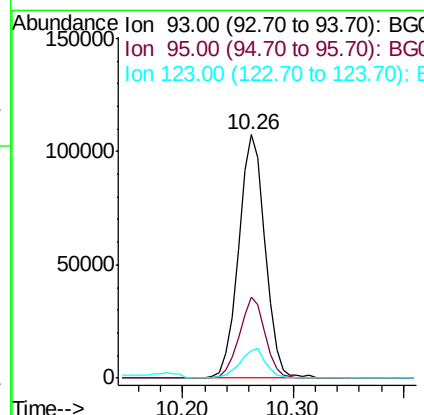
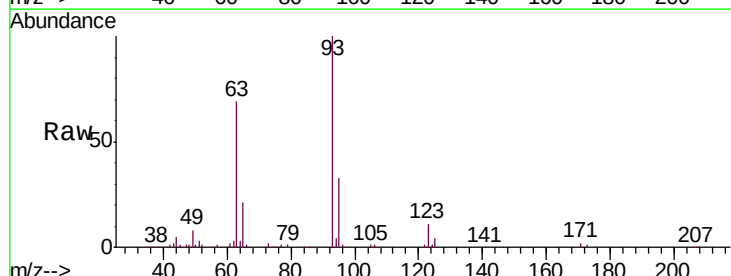
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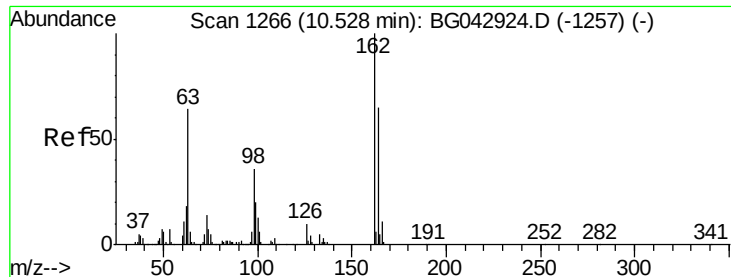
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 44.238 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	180744		
95	33.3	25.4	38.0	
123	11.3	9.3	13.9	





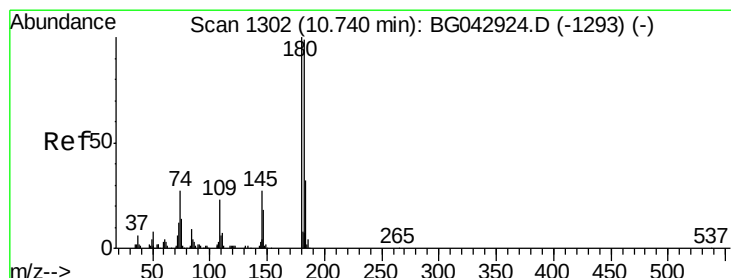
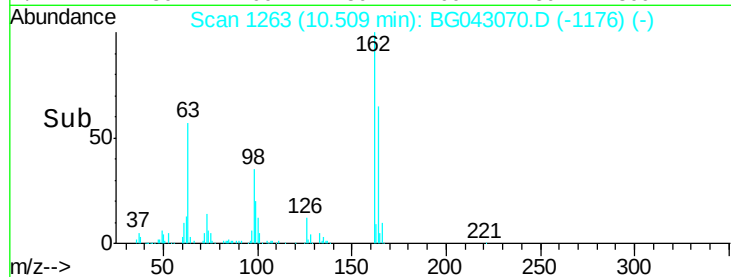
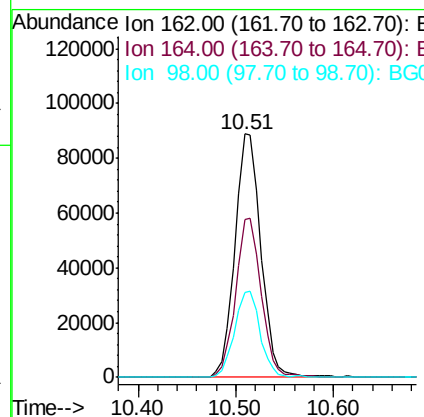
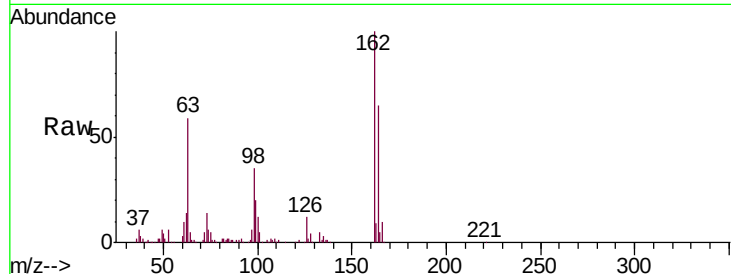
#29
 2,4-Dichlorophenol
 Concen: 51.779 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.02 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	164630		
164	64.9	44.7	84.7	
98	35.0	16.0	56.0	

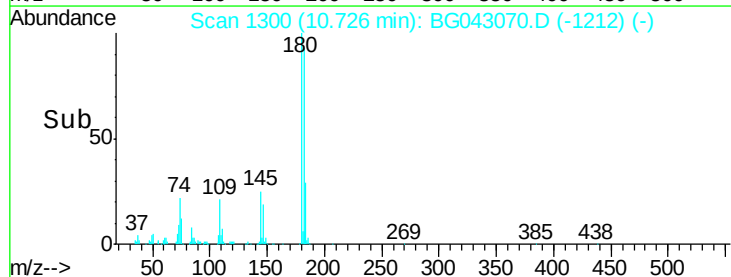
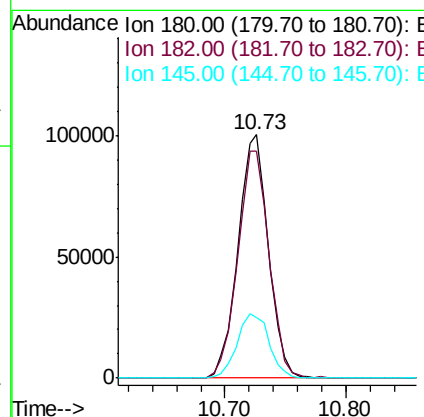
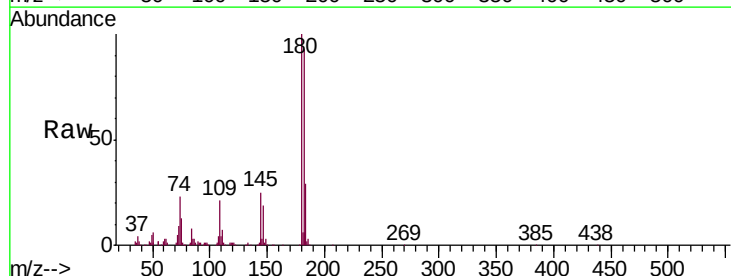
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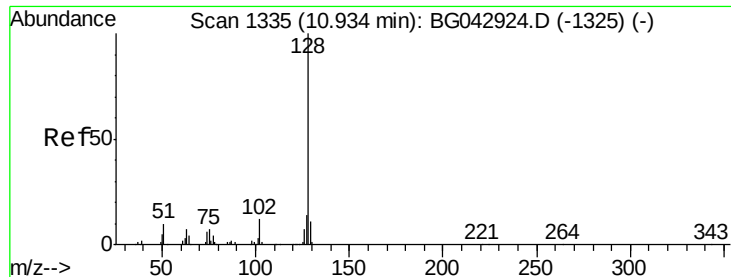
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.761 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	175572		
182	93.1	79.3	118.9	
145	24.8	22.0	33.0	





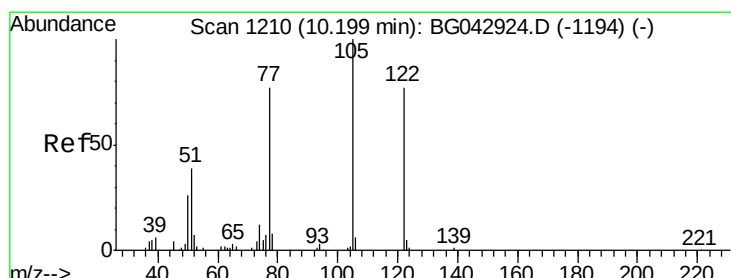
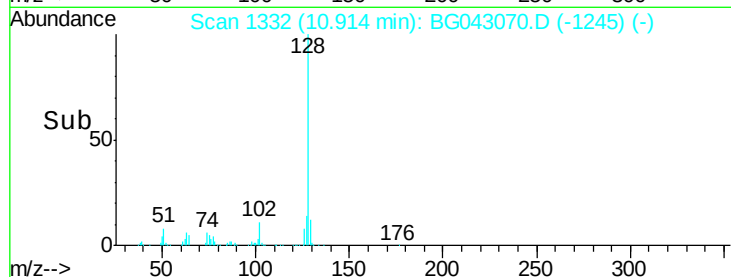
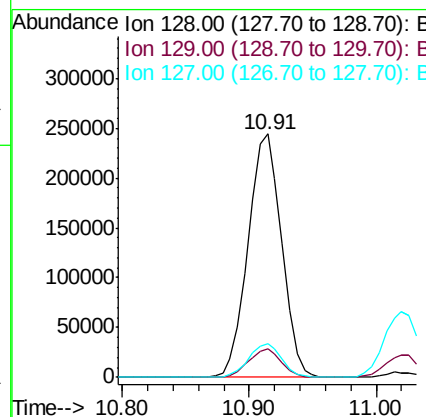
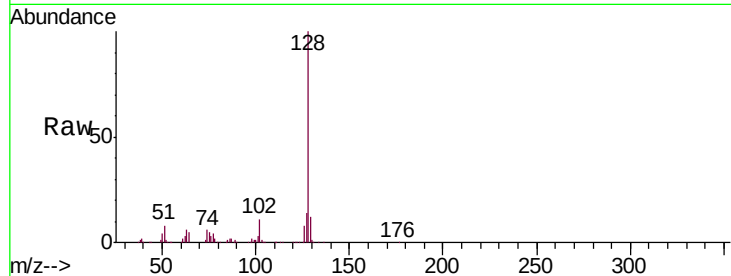
#31
Naphthalene
Concen: 45.740 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	448669		
129	11.8	8.8	13.2	
127	13.8	11.3	16.9	

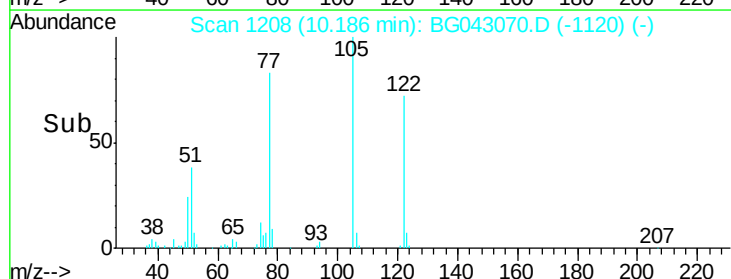
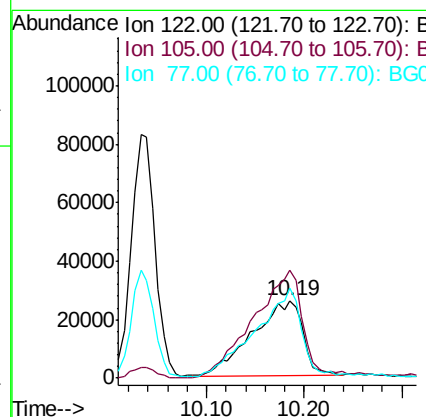
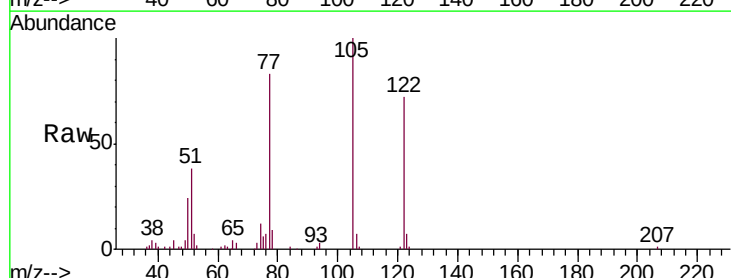
Manual Integrations
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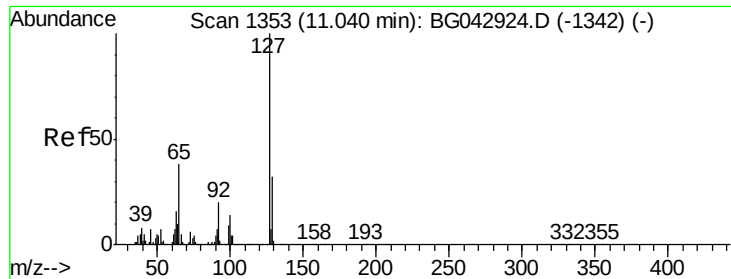
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#32
Benzoic acid
Concen: 46.840 ng
RT: 10.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	92740		
105	138.4	107.5	147.5	
77	115.3	79.8	119.8	





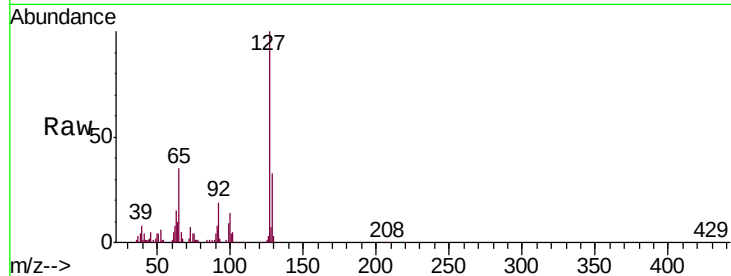
#33
4-Chloroaniline
Concen: 31.734 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

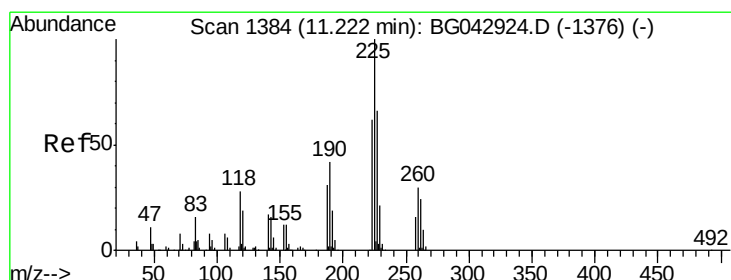
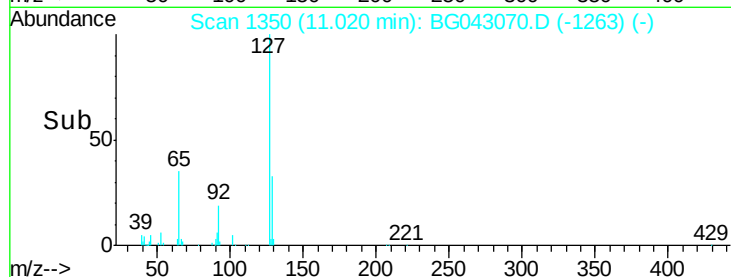
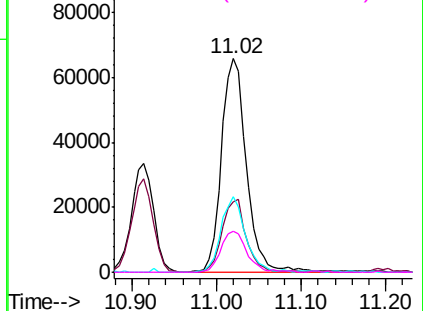
Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.3	26.2	39.2	
65	35.3	30.6	45.8	
92	19.1	16.2	24.4	

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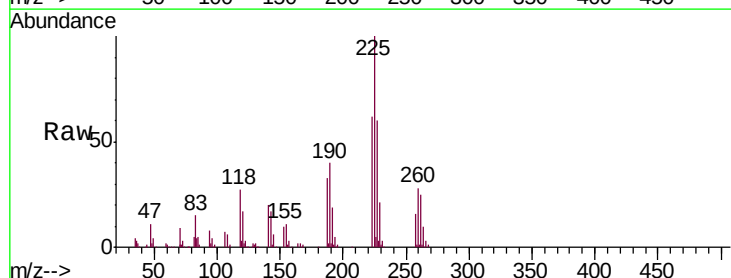


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

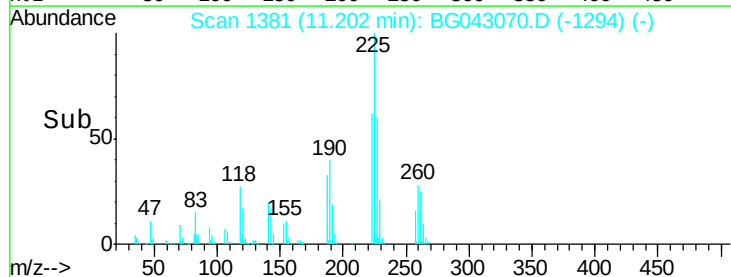
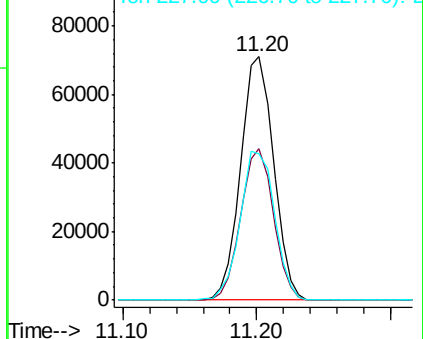


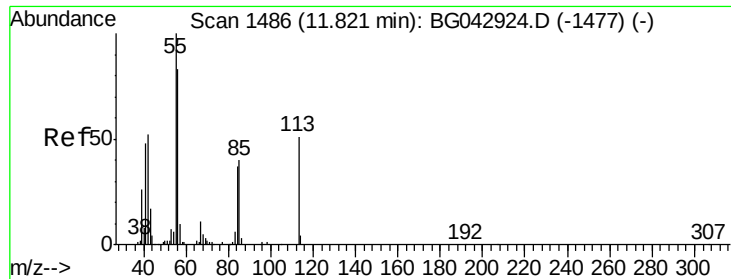
#34
Hexachlorobutadiene
Concen: 39.612 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	49.3	73.9	
227	60.3	52.8	79.2	



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





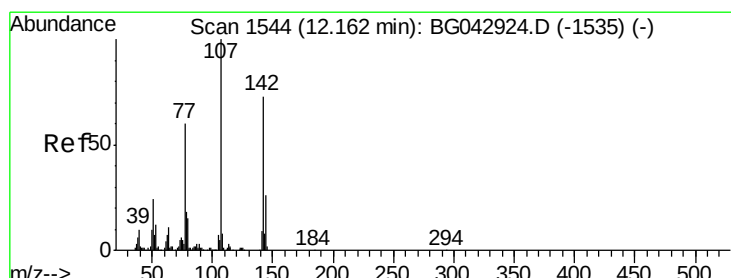
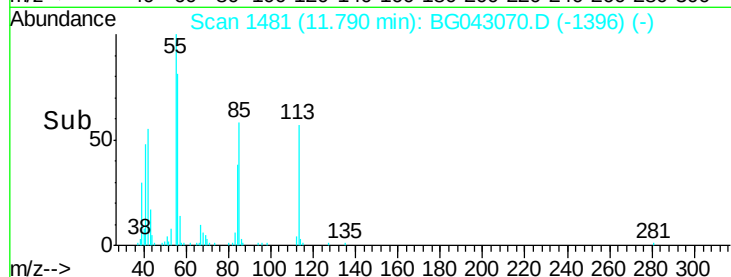
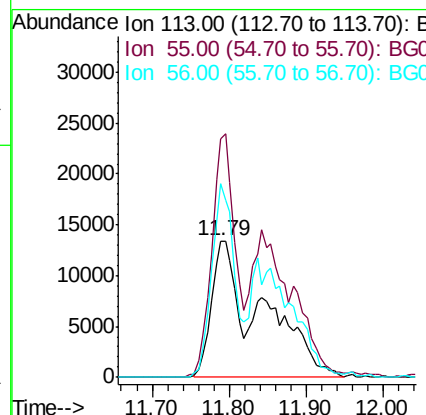
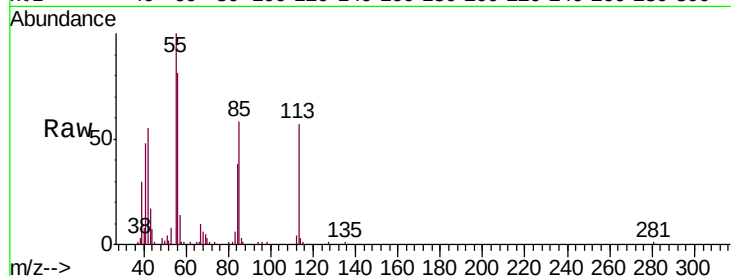
#35
 Caprolactam
 Concen: 53.105 ng m
 RT: 11.79 min Scan# 1481
 Delta R.T. -0.03 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	174.8	175.5	215.5#
56	142.1	142.3	182.3#

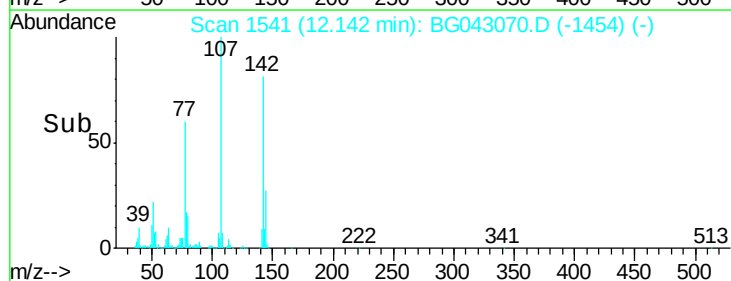
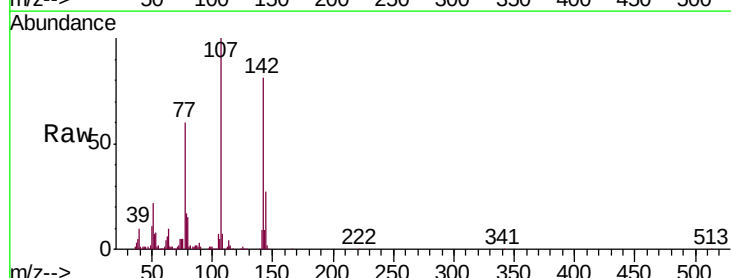
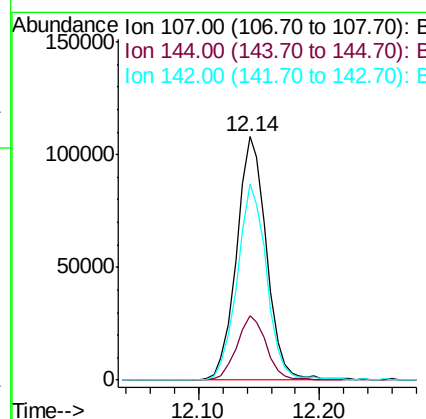
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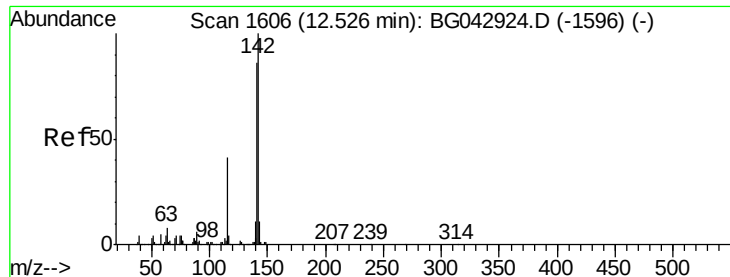
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#36
 4-Chloro-3-methylphenol
 Concen: 53.852 ng
 RT: 12.14 min Scan# 1541
 Delta R.T. -0.02 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	20.7	31.1
142	80.6	58.6	87.8





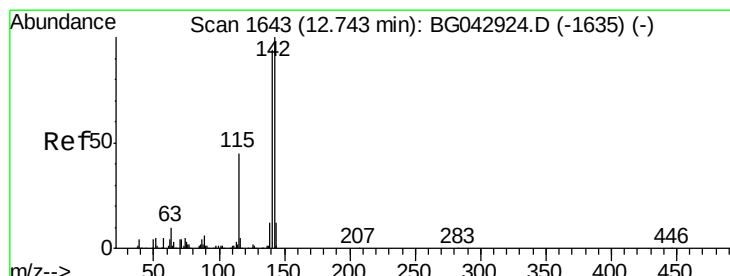
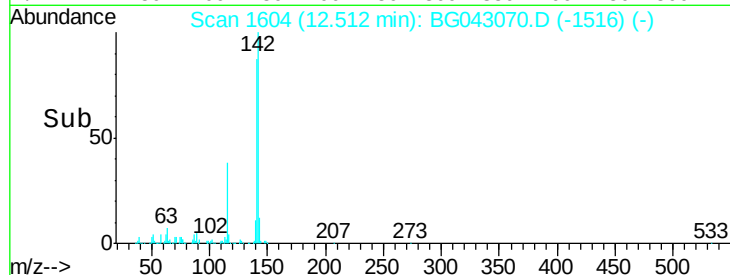
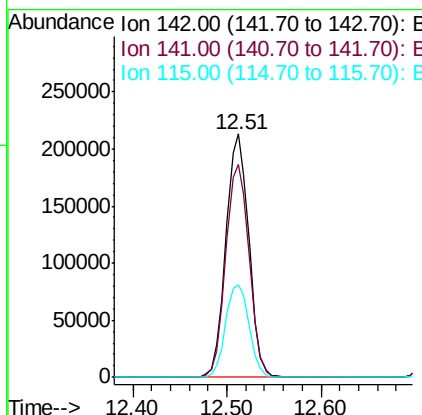
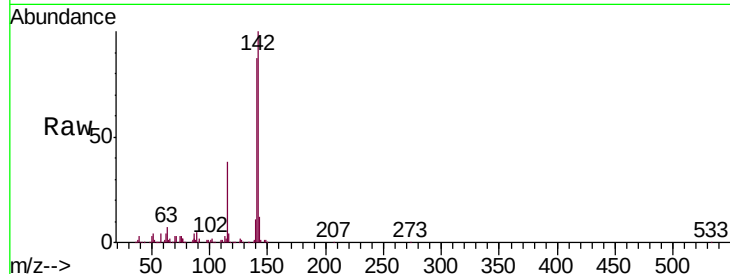
#37
 2-Methylnaphthalene
 Concen: 48.063 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	359656		
141	87.5	69.0	103.4	
115	38.1	32.8	49.2	

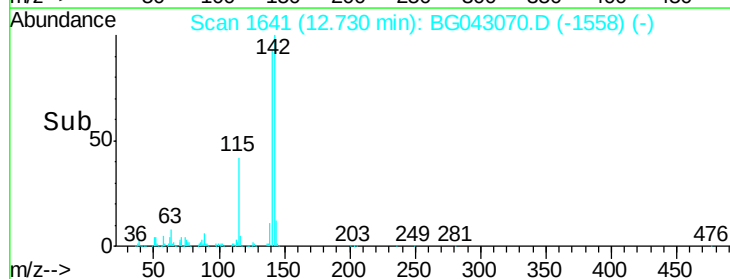
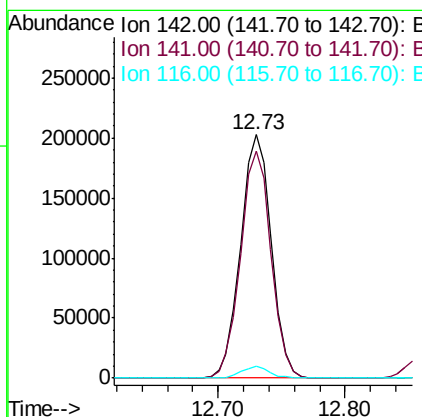
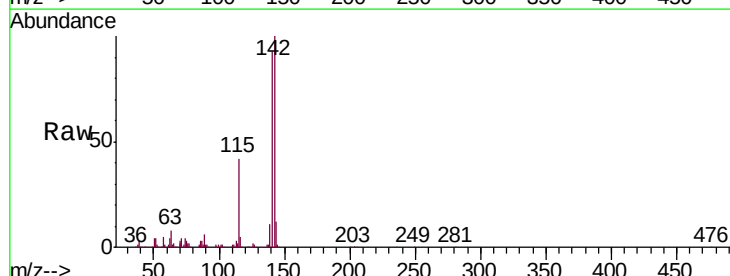
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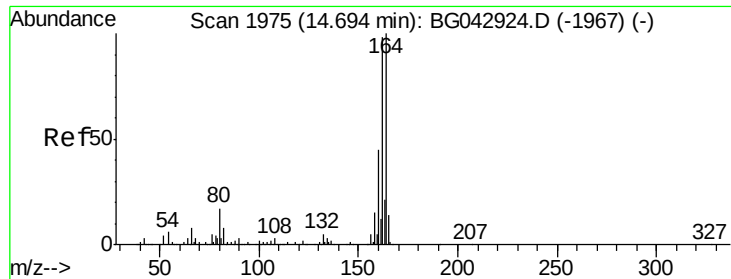
mohammad
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#38
 1-Methylnaphthalene
 Concen: 47.981 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	339742		
141	93.0	74.9	112.3	
116	5.0	3.7	5.5	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Instrument :

BNA_G

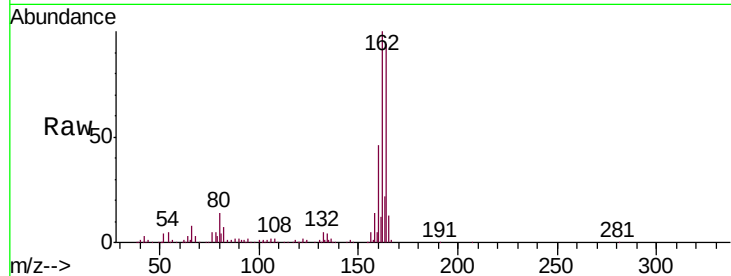
ClientSampleId :

20190773-SS-COMPOSITE-13MSD

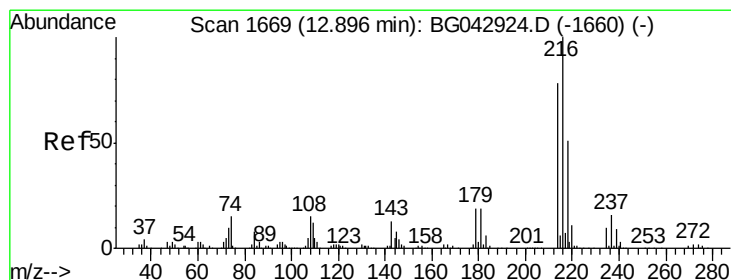
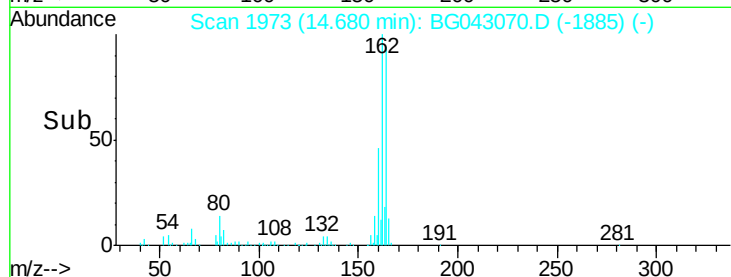
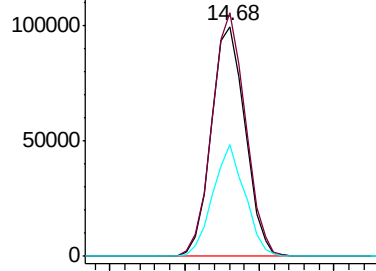
Tgt Ion:	164	Resp:	156297
Ion Ratio	Lower	Upper	
164	100		
162	105.9	78.5	117.7
160	48.8	35.9	53.9

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.581 ng

RT: 12.88 min Scan# 1666

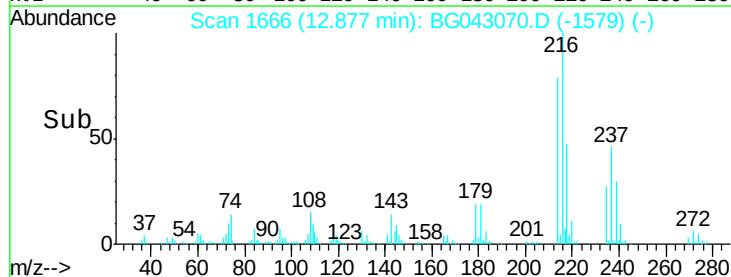
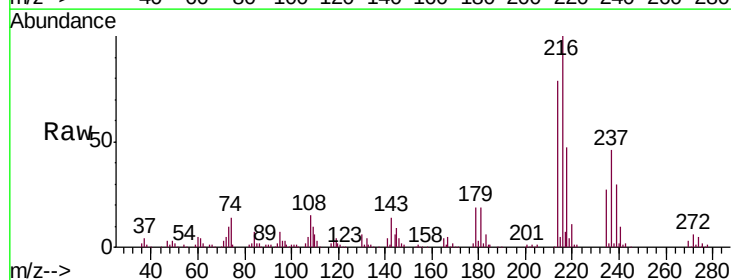
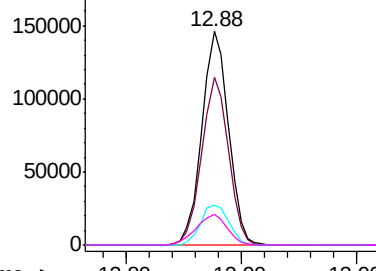
Delta R.T. -0.02 min

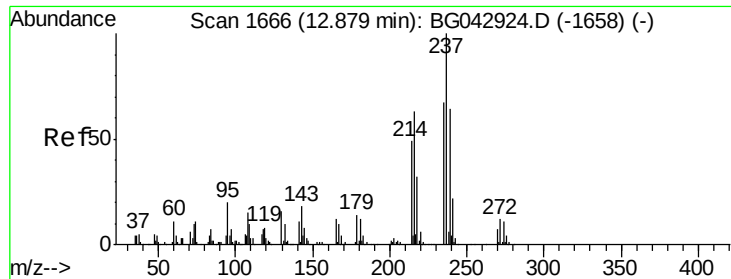
Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Tgt Ion:	216	Resp:	232601
Ion Ratio	Lower	Upper	
216	100		
214	79.1	62.4	93.6
179	19.8	15.4	23.2
108	16.8	12.6	19.0

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





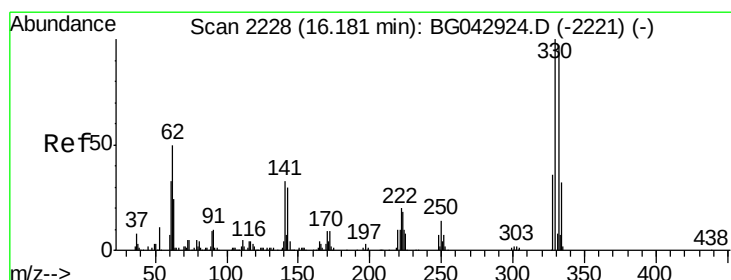
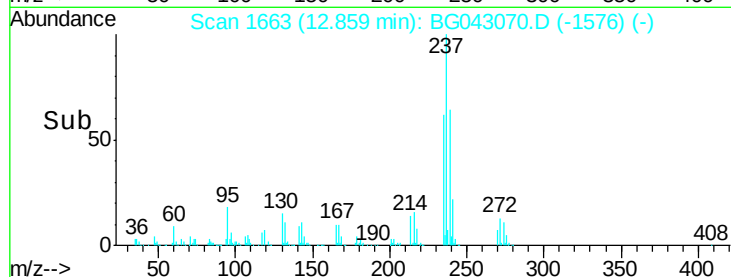
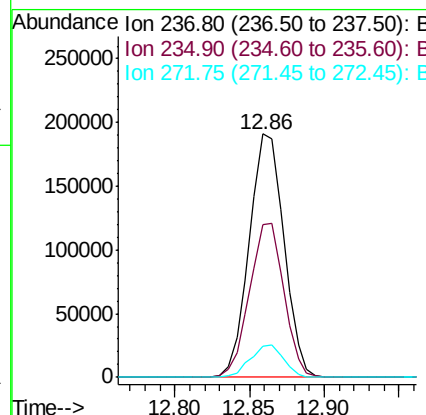
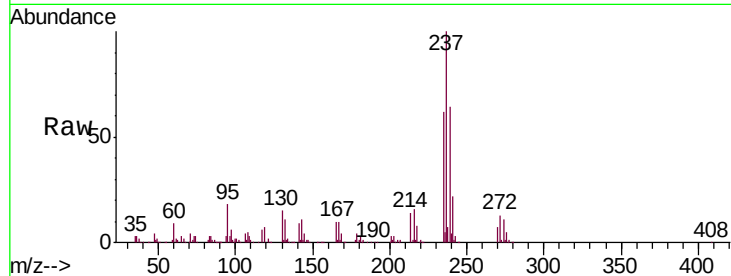
#41
Hexachlorocyclopentadiene
Concen: 81.943 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.5	46.7	86.7
272	12.6	0.0	32.3

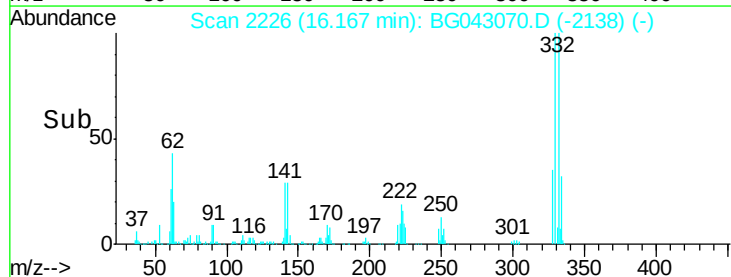
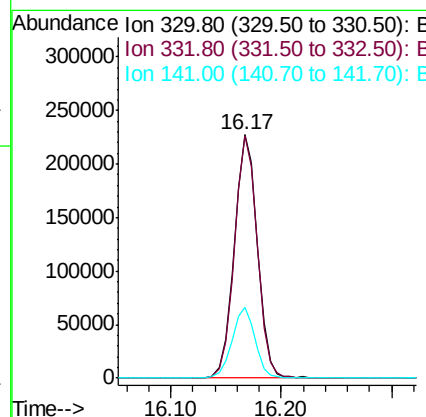
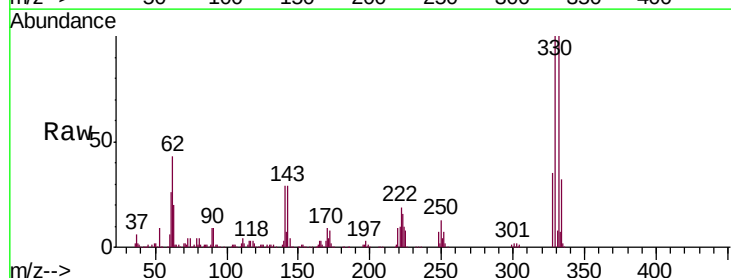
Manual Integrations
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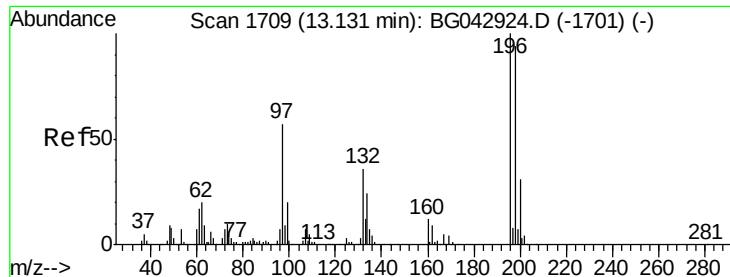
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#42
2,4,6-Tribromophenol
Concen: 124.347 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	98.3	78.2	117.2
141	28.8	26.0	39.0





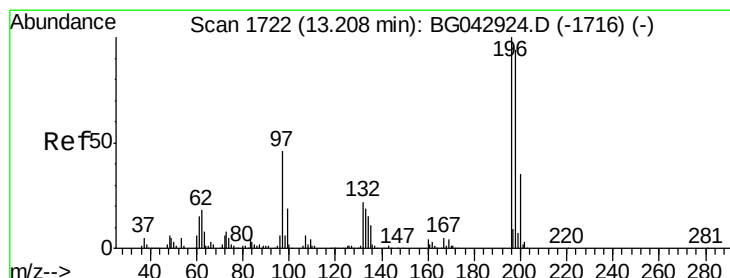
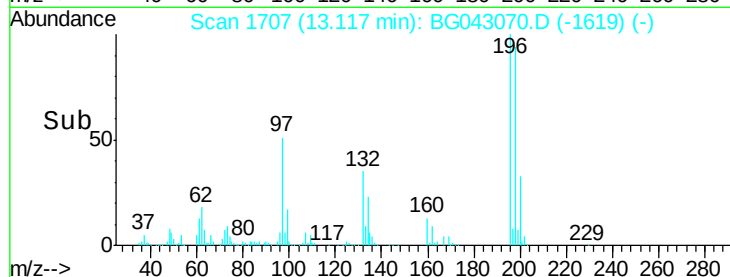
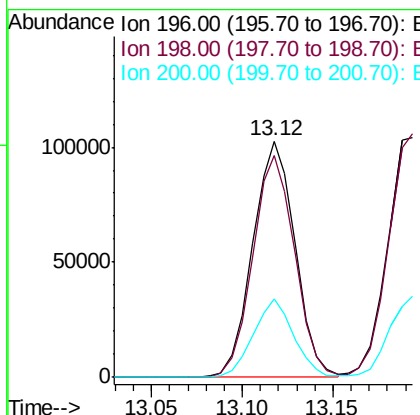
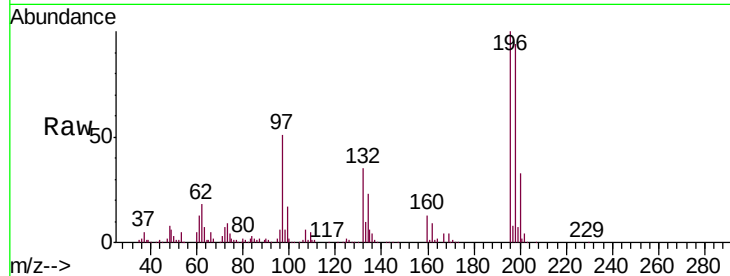
#43
 2,4,6-Trichlorophenol
 Concen: 48.276 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	166052		
198	93.9	75.5	113.3	
200	33.0	24.9	37.3	

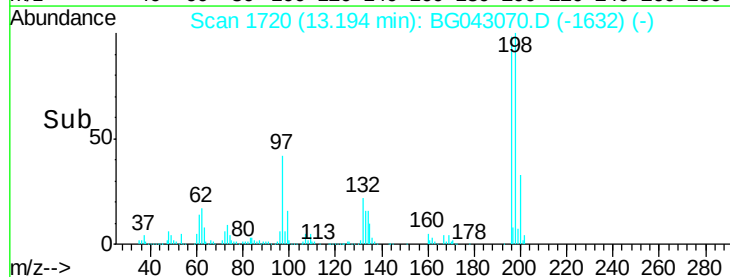
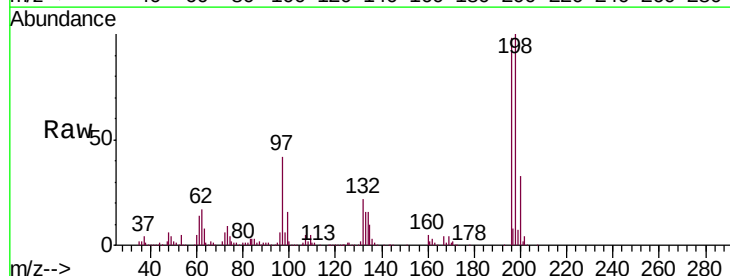
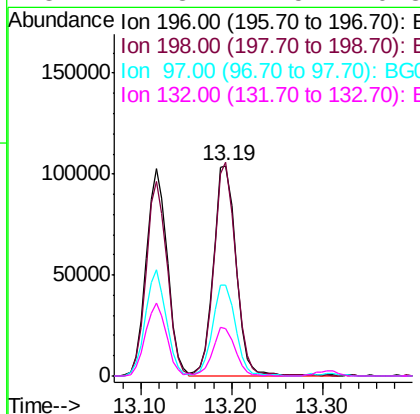
Manual Integrations
 APPROVED

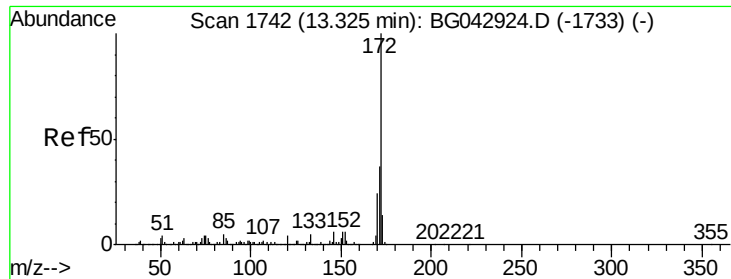
mohammad
 10/8/2019 12:22:45 PM



#44
 2,4,5-Trichlorophenol
 Concen: 50.570 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	179186		
198	101.7	75.1	112.7	
97	43.2	37.0	55.4	
132	22.3	17.5	26.3	





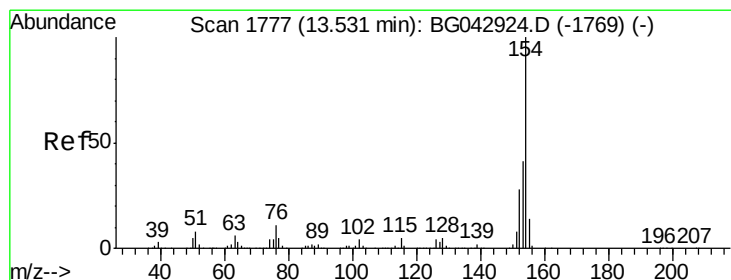
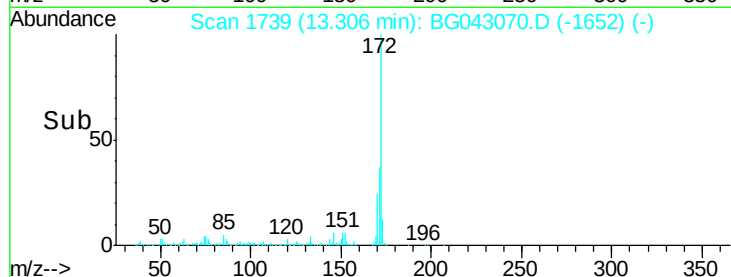
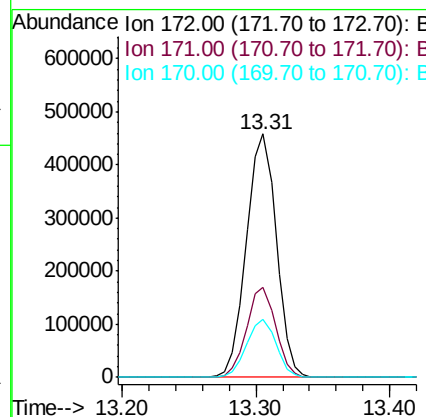
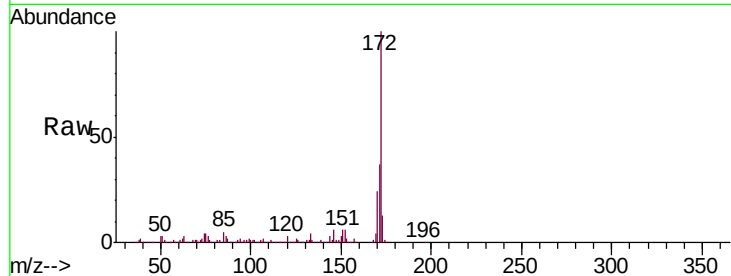
#45
 2-Fluorobiphenyl
 Concen: 65.846 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	709908		
171	36.7		29.6	44.4
170	23.8		19.6	29.4

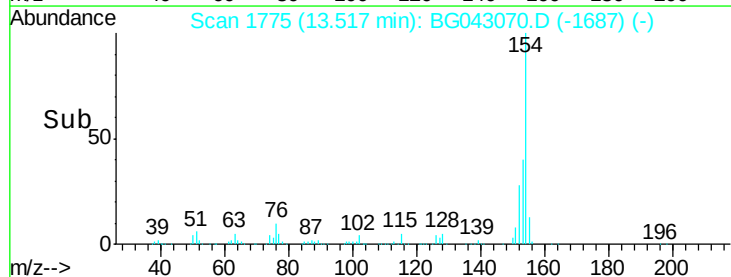
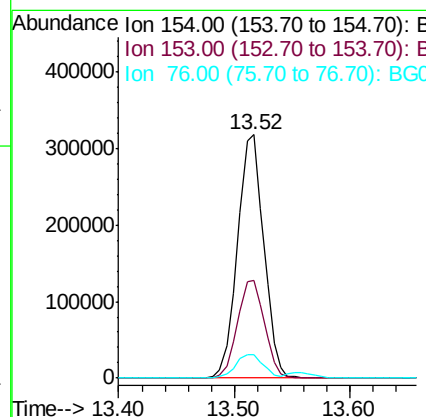
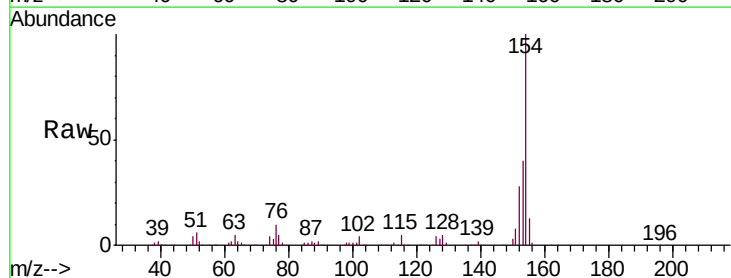
Manual Integrations
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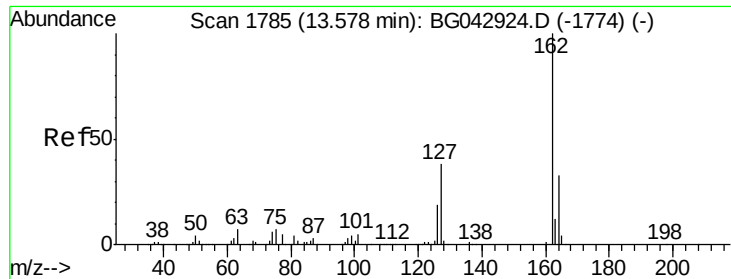
mohammad
 10/8/2019 12:22:45 PM



#46
 1,1'-Biphenyl
 Concen: 42.264 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	500946		
153	40.2		21.4	61.4
76	9.6		0.0	31.3





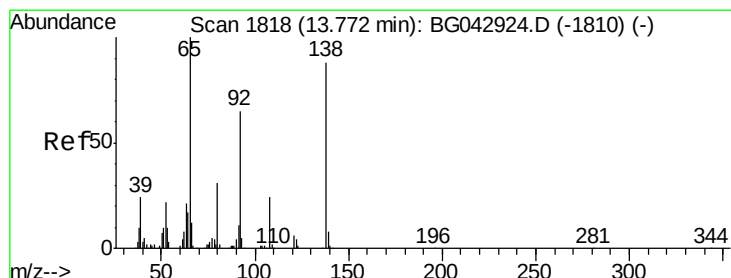
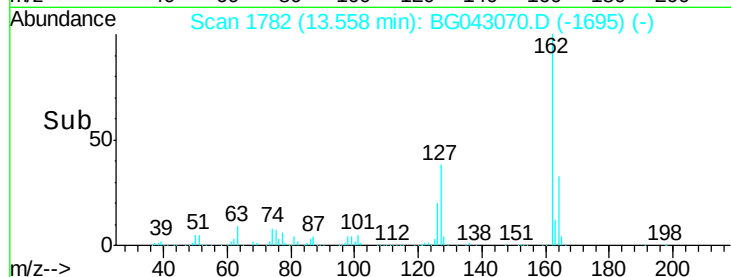
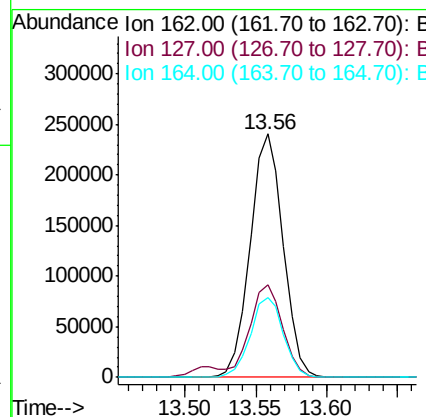
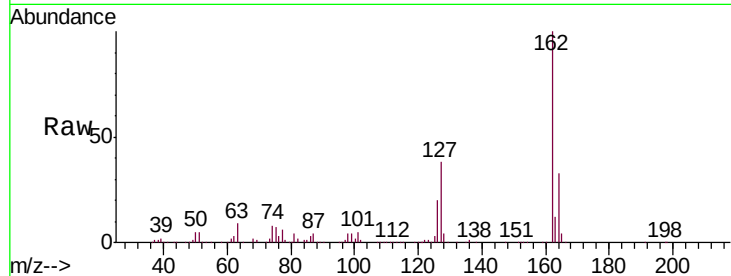
#47
 2-Chloronaphthalene
 Concen: 44.316 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.02 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	393819		
127	38.1	31.0	46.6	
164	33.0	26.2	39.2	

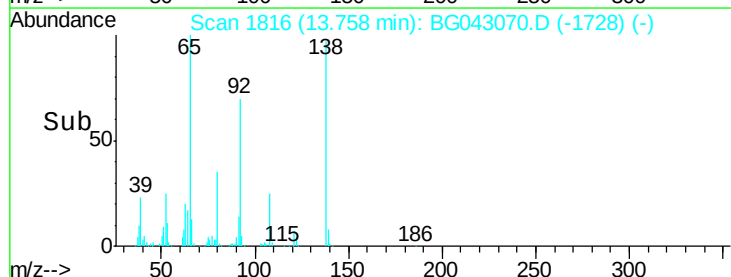
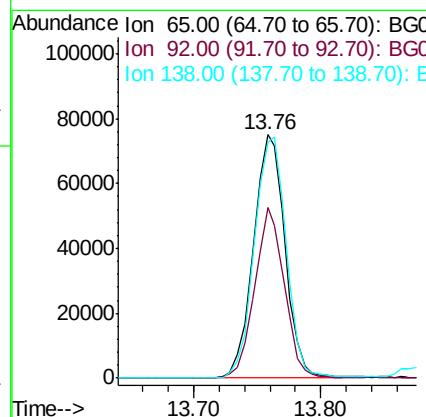
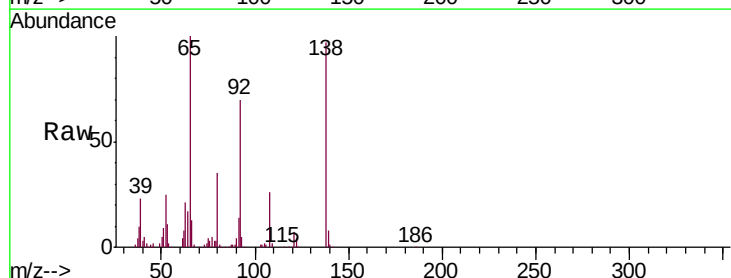
Manual Integrations
 APPROVED

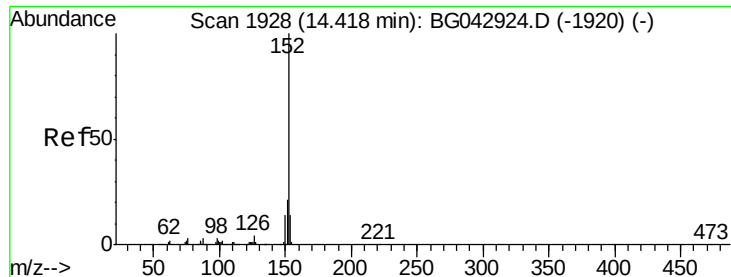
mohammad
 10/8/2019 12:22:45 PM



#48
 2-Nitroaniline
 Concen: 44.038 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	130140		
92	69.9	52.0	78.0	
138	97.0	70.4	105.6	





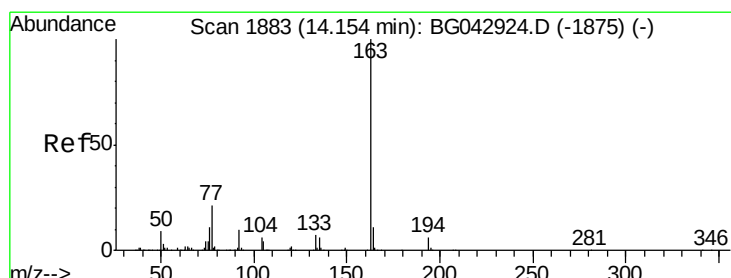
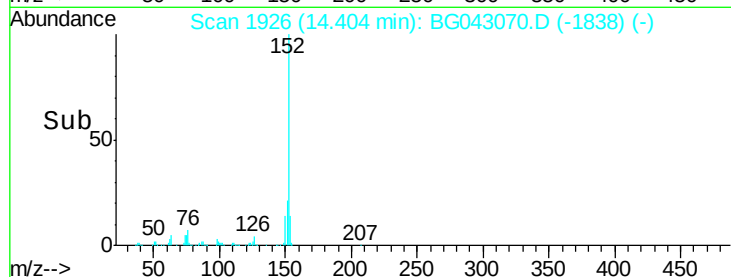
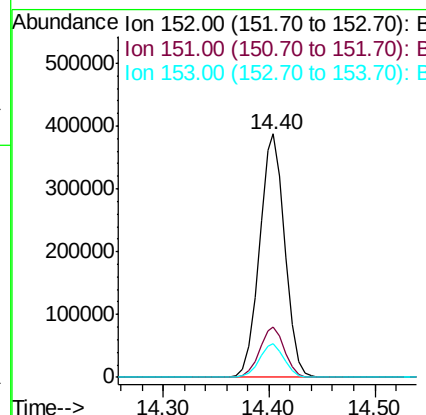
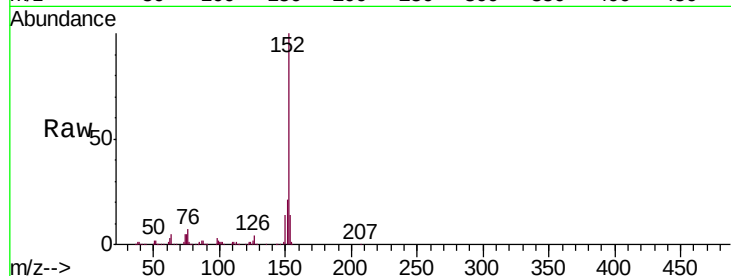
#49
Acenaphthylene
Concen: 47.449 ng
RT: 14.40 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	645199		
151	20.9	16.8	25.2	
153	13.7	11.3	16.9	

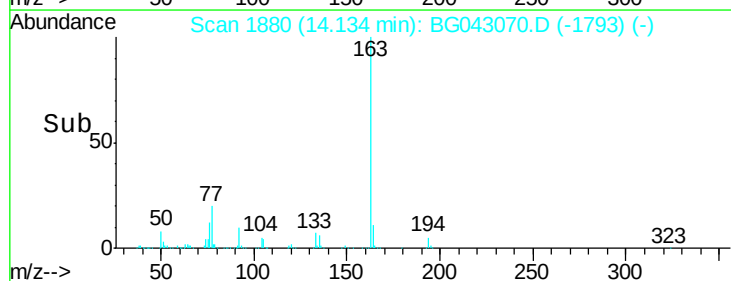
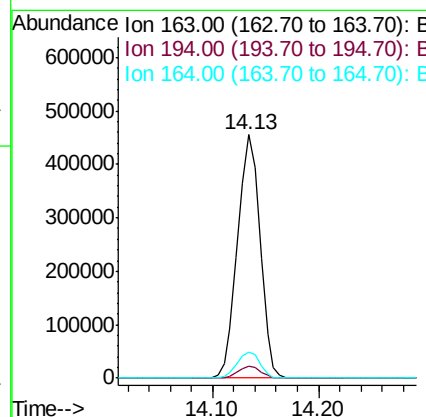
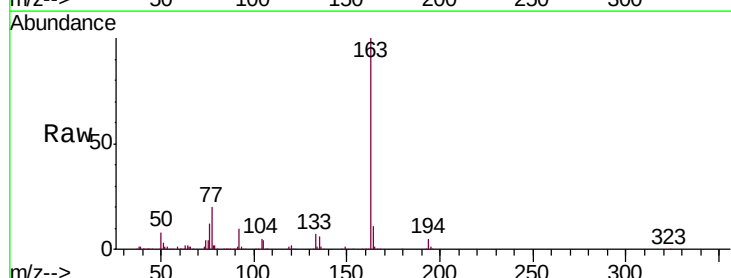
Manual Integrations
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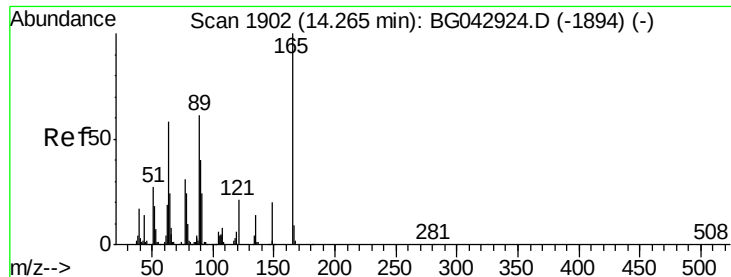
mohammad
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#50
Dimethylphthalate
Concen: 57.304 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	671069		
194	5.0	4.4	6.6	
164	10.6	8.6	12.8	





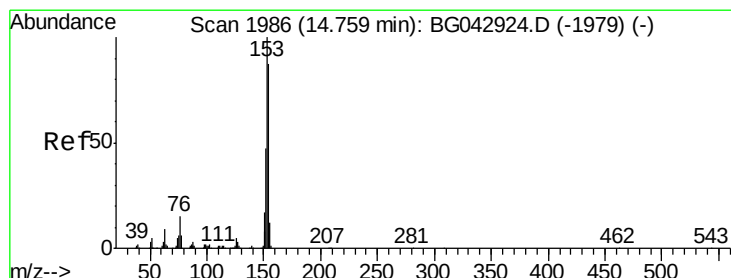
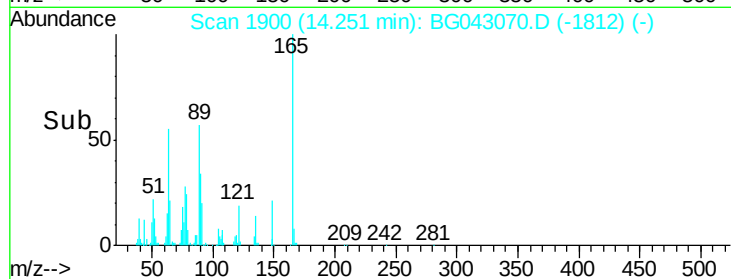
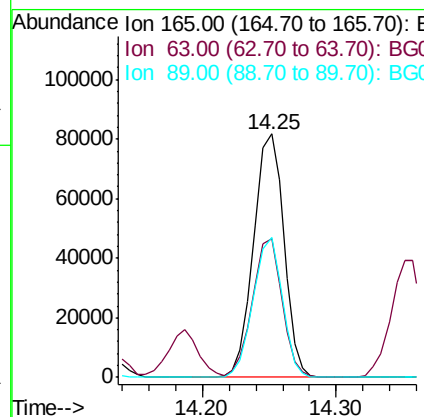
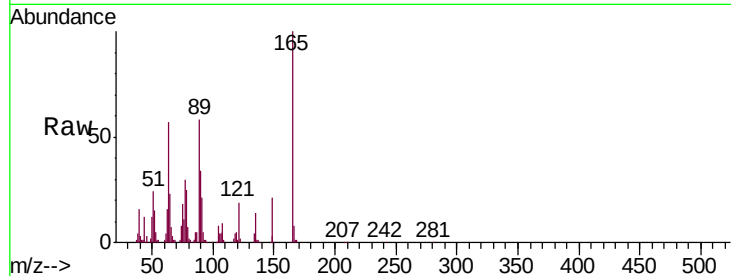
#51
 2,6-Dinitrotoluene
 Concen: 51.380 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.9	50.3	75.5
89	57.6	48.9	73.3

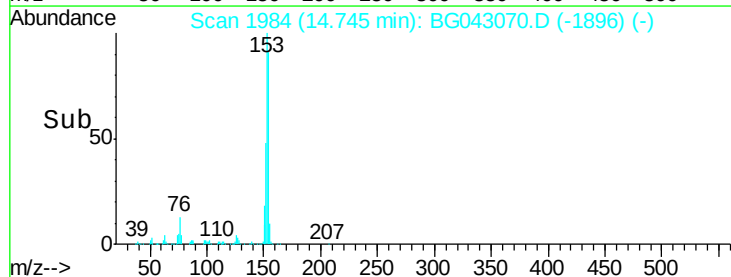
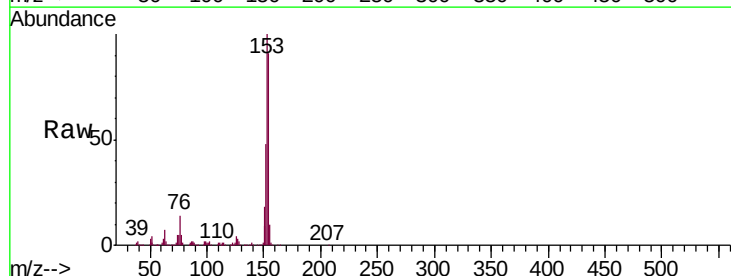
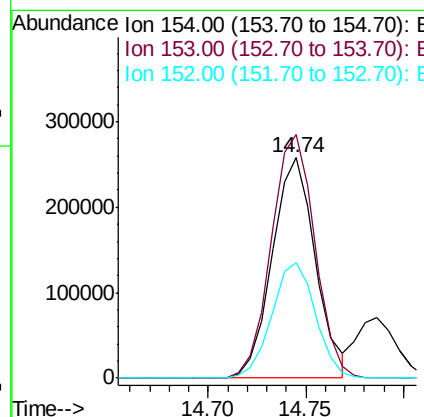
Manual Integrations
 APPROVED

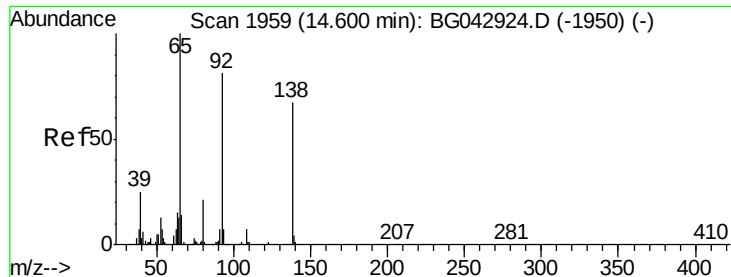
mohammad
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#52
 Acenaphthene
 Concen: 43.369 ng
 RT: 14.74 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.4	91.4	137.0
152	52.6	42.8	64.2





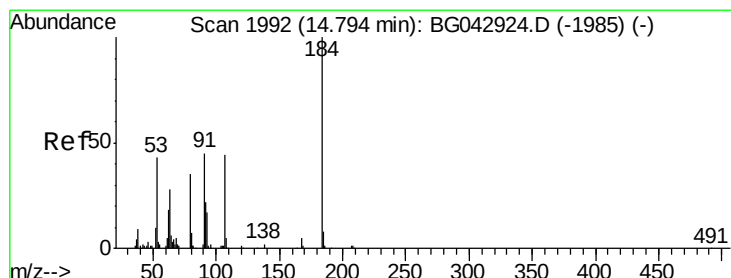
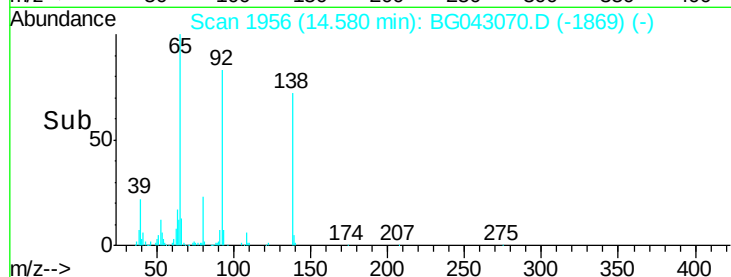
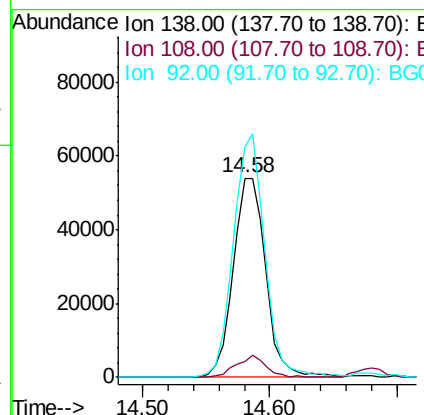
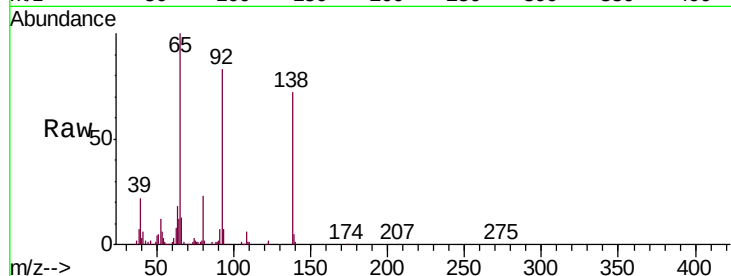
#53
3-Nitroaniline
Concen: 36.956 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
108	8.2	7.9	11.9
92	115.6	97.0	145.6

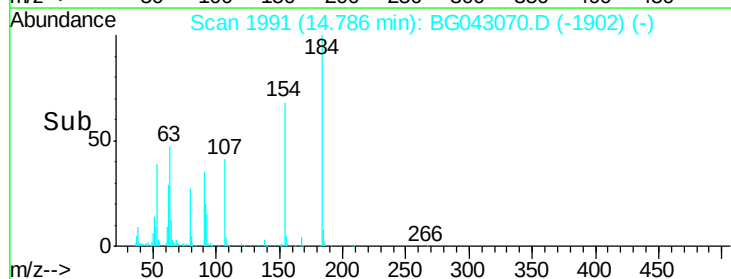
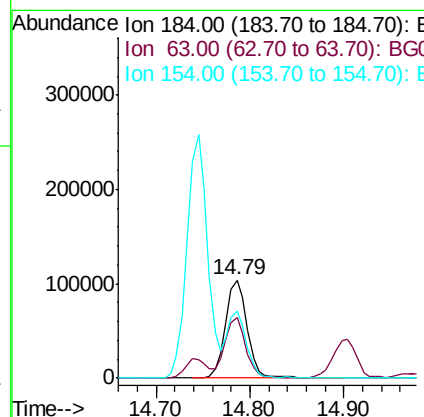
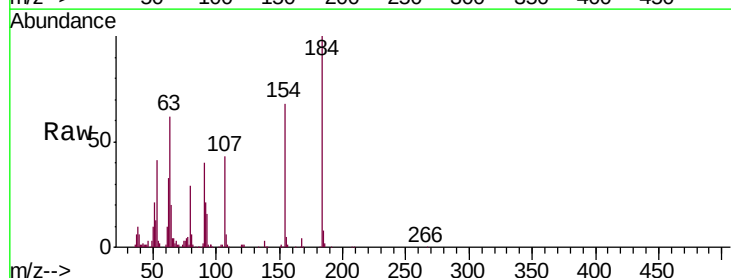
Manual Integrations
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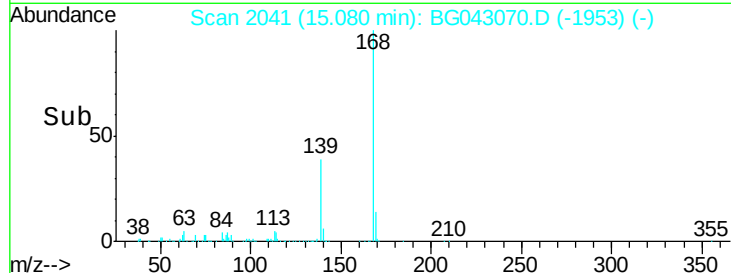
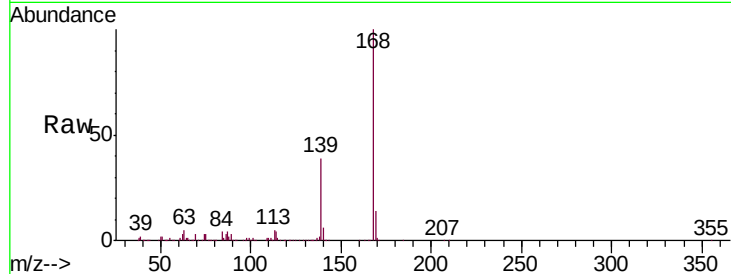
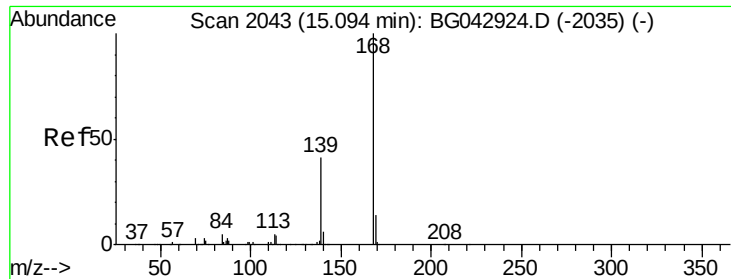
mohammad
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#54
2,4-Dinitrophenol
Concen: 108.939 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.6	55.0	82.6
154	67.8	56.5	84.7





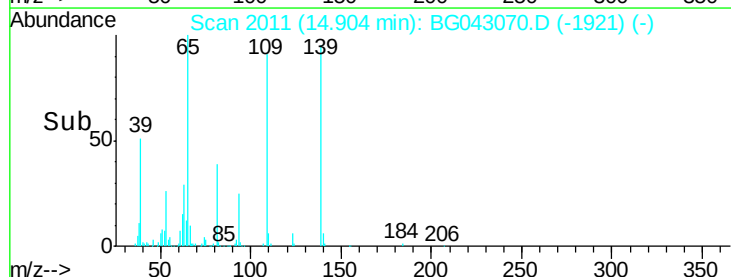
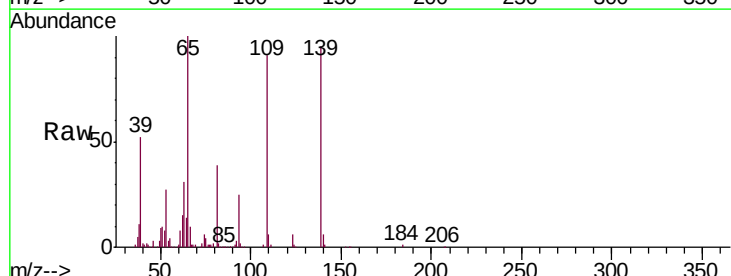
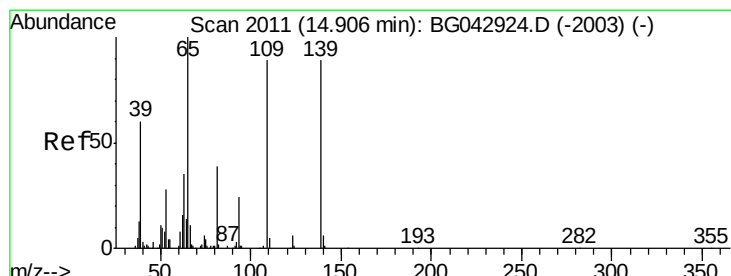
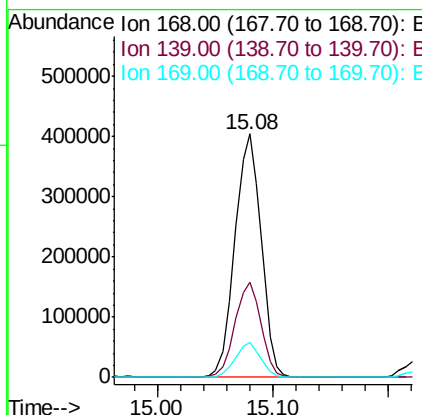
#55
Dibenzofuran
Concen: 47.198 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	635471		
139	39.0	32.6	48.8	
169	14.4	11.2	16.8	

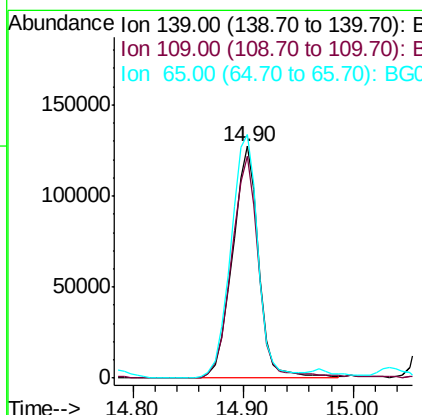
Manual Integrations
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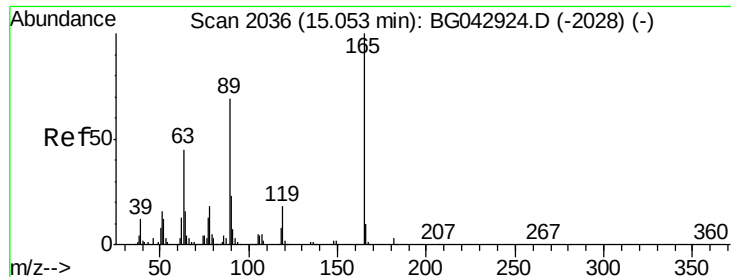
mohammad
10/8/2019 12:22:45 PM



#56
4-Nitrophenol
Concen: 108.425 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	212918		
109	95.9	79.4	119.4	
65	105.0	92.5	132.5	





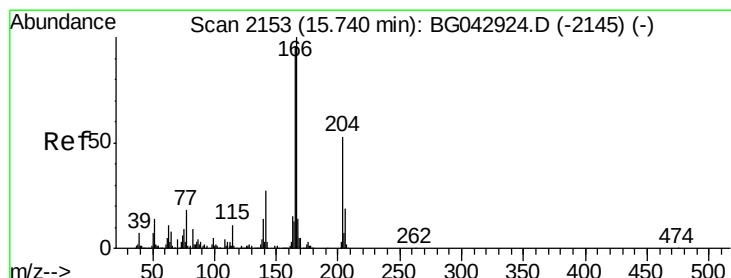
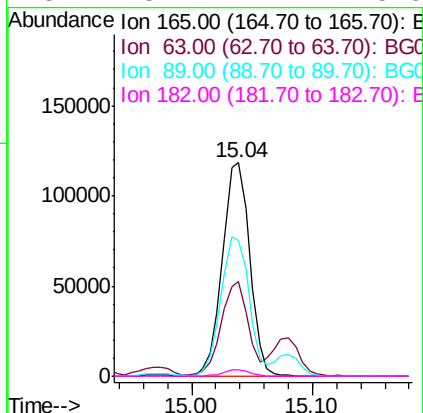
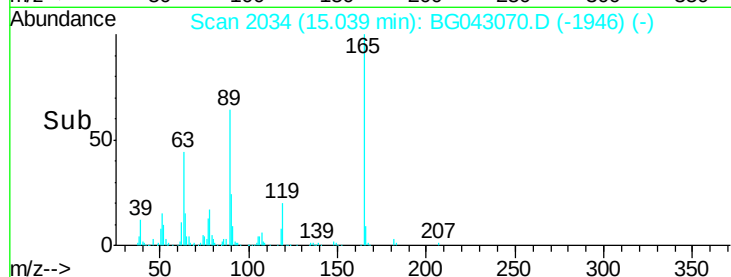
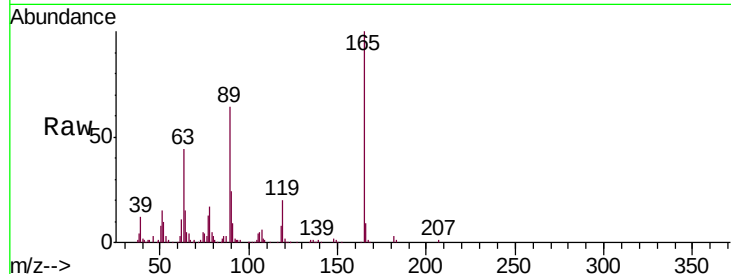
#57
2,4-Dinitrotoluene
Concen: 51.012 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	186299		
63	44.2	36.5	54.7	
89	63.8	55.5	83.3	
182	3.1	2.4	3.6	

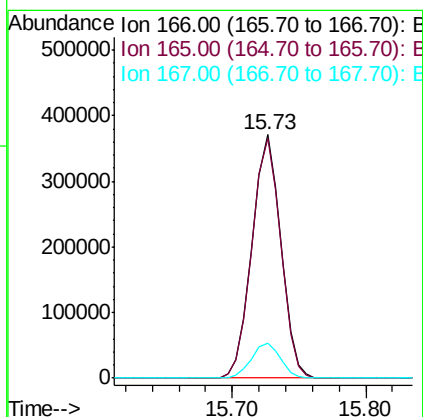
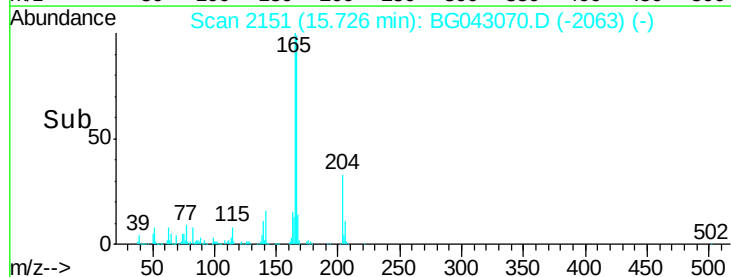
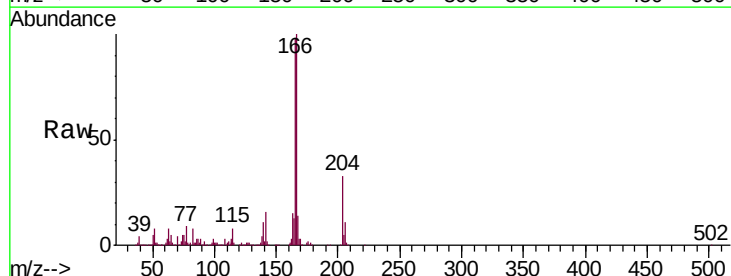
Manual Integrations
APPROVED

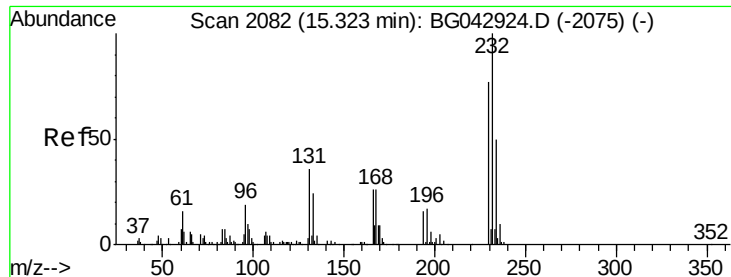
mohammad
10/8/2019 12:22:45 PM



#58
Fluorene
Concen: 47.839 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	549902		
165	98.4	77.1	115.7	
167	14.4	11.0	16.6	





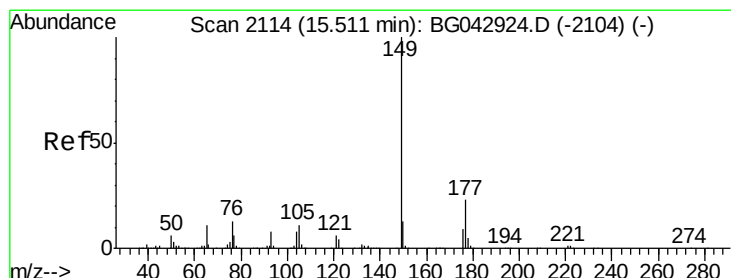
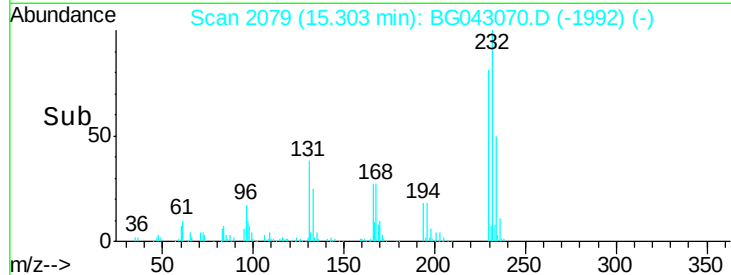
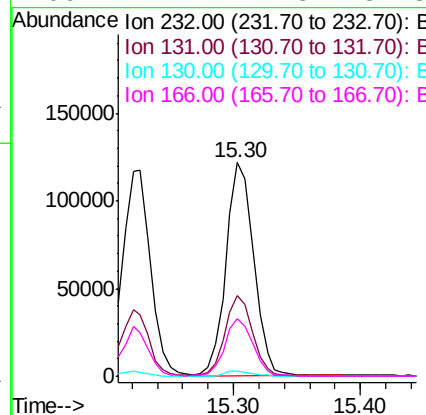
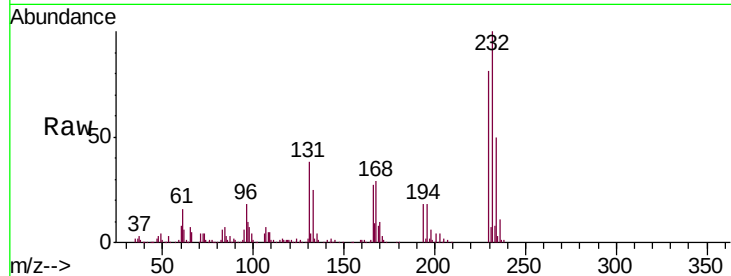
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.919 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	184558		
131	37.2	29.6	44.4	
130	2.4	1.9	2.9	
166	27.4	21.8	32.8	

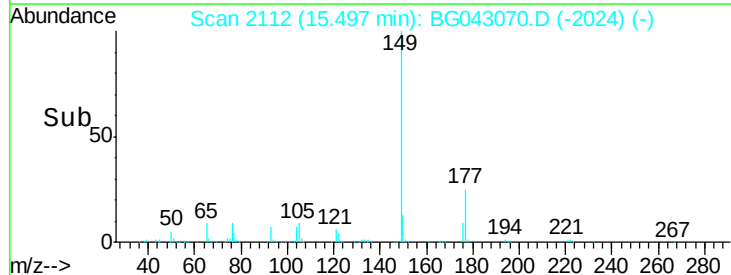
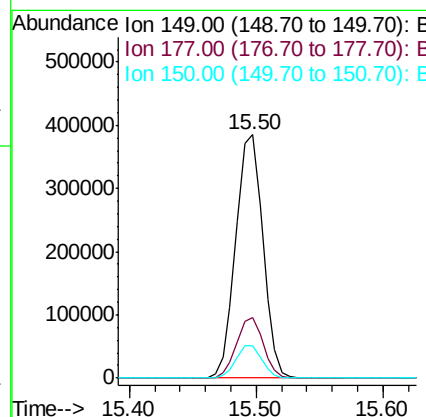
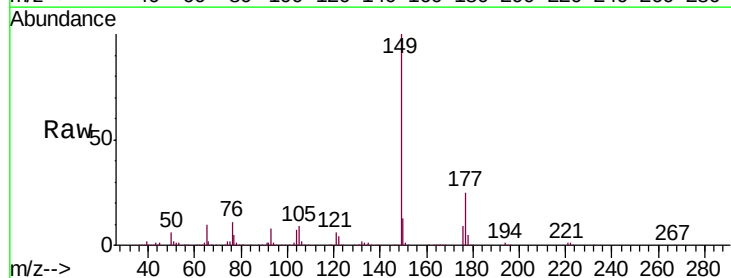
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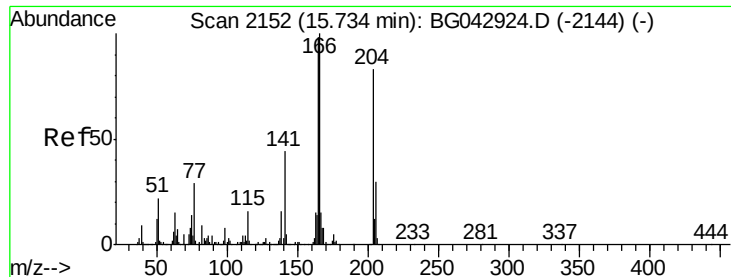
mohammad
 10/8/2019 12:22:45 PM



#60
 Diethylphthalate
 Concen: 47.644 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	567821		
177	24.8	18.8	28.2	
150	13.2	10.6	15.8	





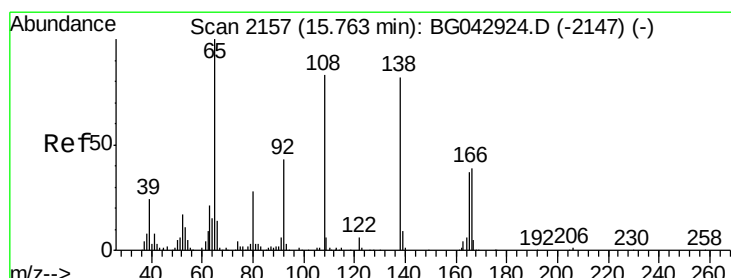
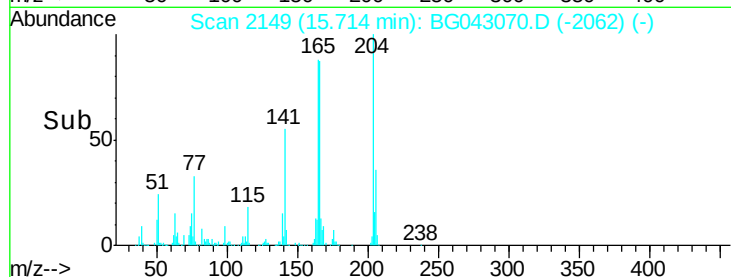
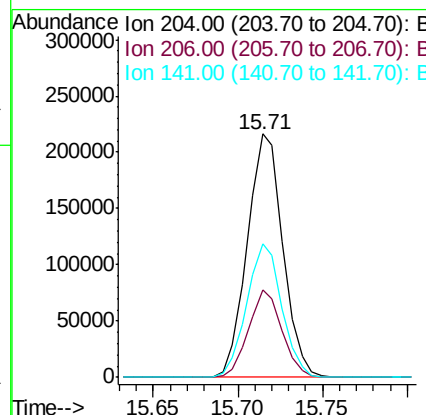
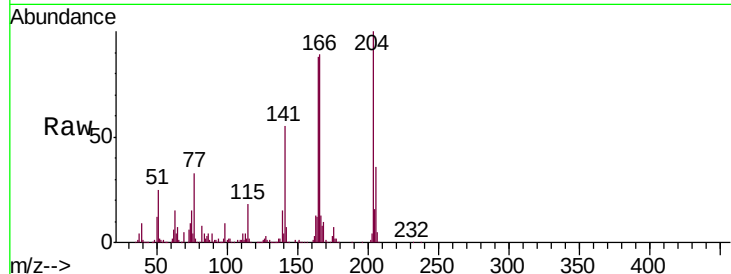
#61
4-Chlorophenyl-phenylether
Concen: 46.104 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	317836		
206	35.8	28.5	42.7	
141	54.6	42.4	63.6	

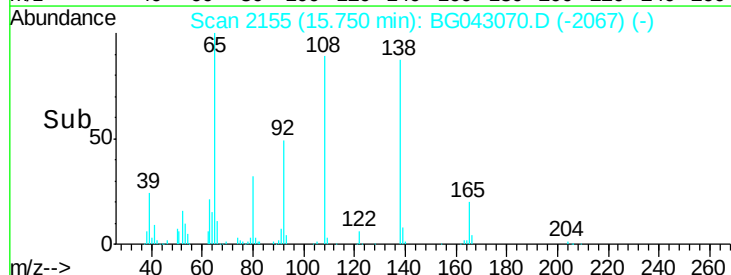
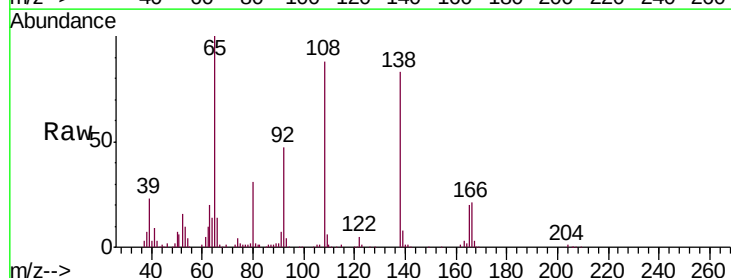
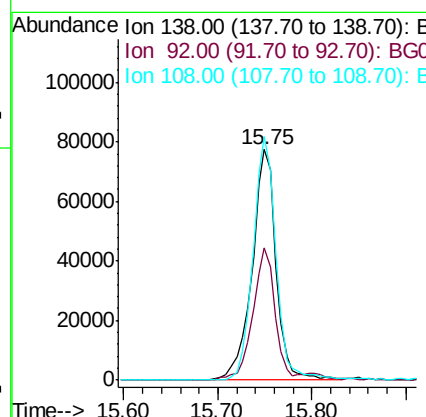
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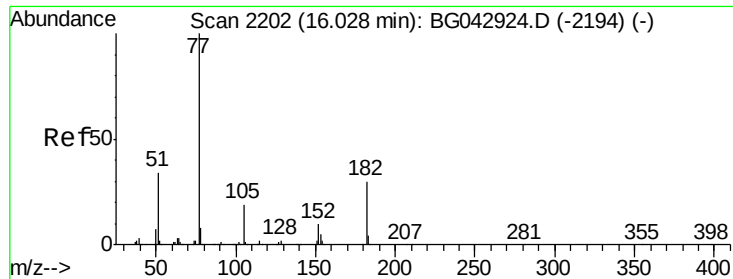
mohammad
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#62
4-Nitroaniline
Concen: 48.735 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	136988		
92	57.2	32.9	72.9	
108	105.6	81.3	121.3	





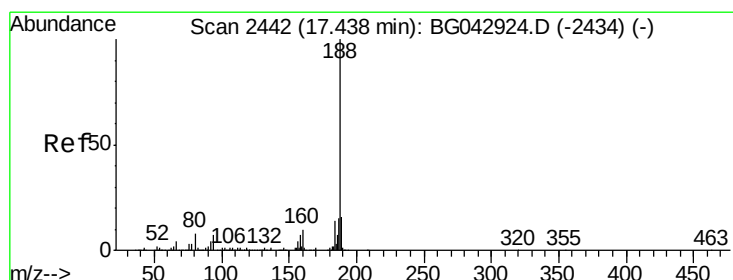
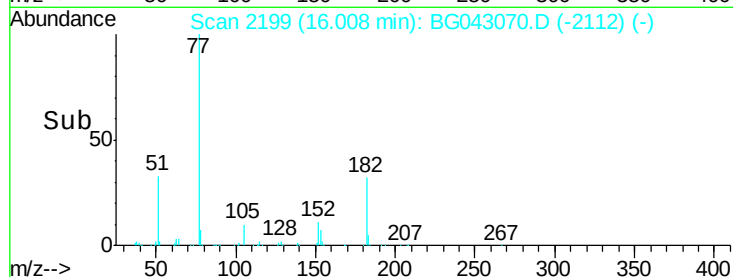
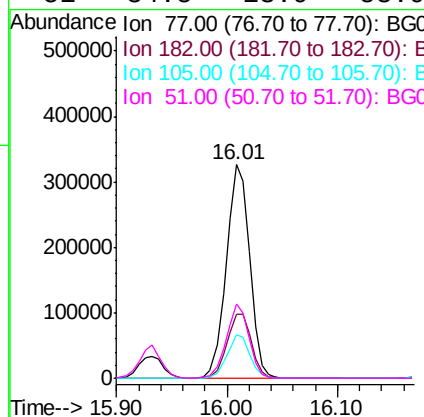
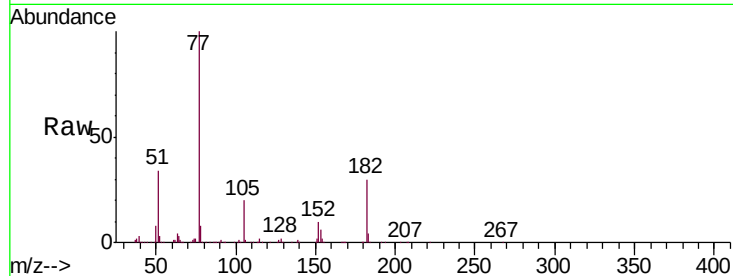
#63
Azobenzene
Concen: 44.446 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	482265		
182	29.9	10.2	50.2	
105	20.4	0.0	39.1	
51	34.5	13.9	53.9	

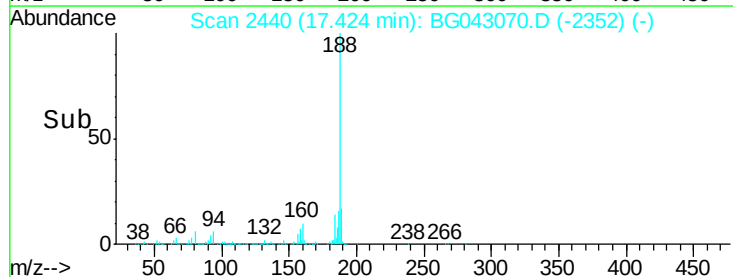
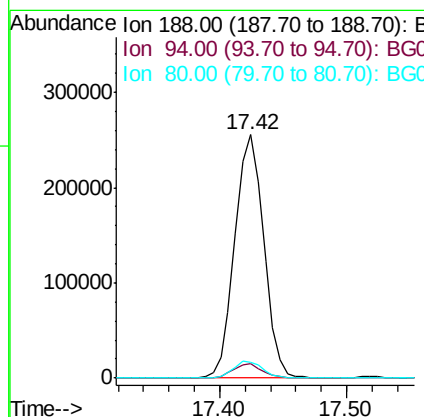
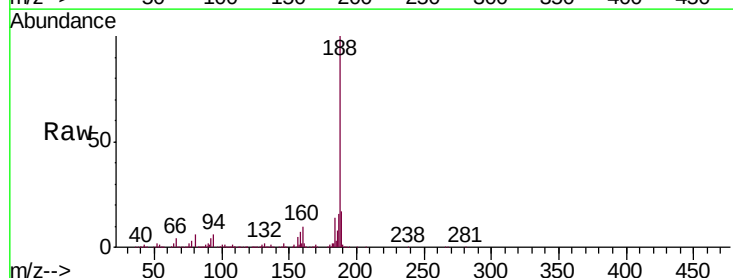
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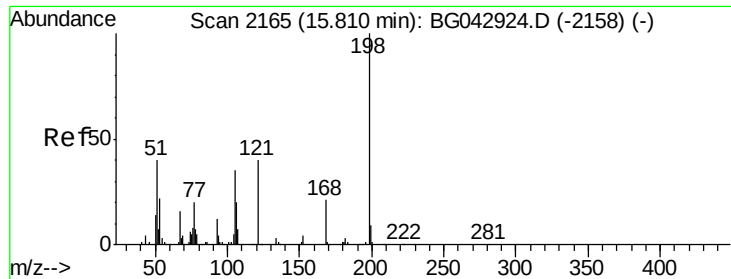
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	403644		
94	6.1	5.7	8.5	
80	6.4	6.5	9.7	





#65

4,6-Dinitro-2-methylphenol

Concen: 53.052 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Instrument :

BNA_G

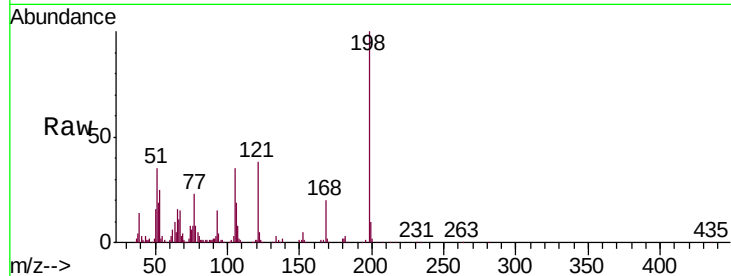
ClientSampleId :

20190773-SS-COMPOSITE-13MSD

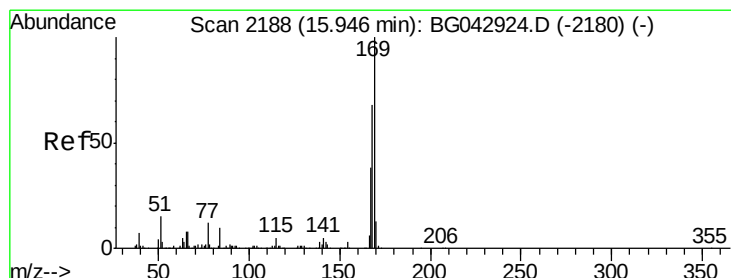
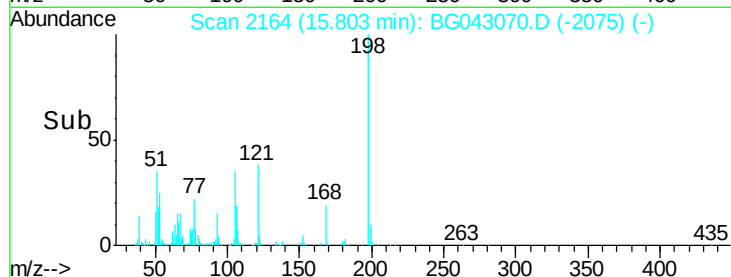
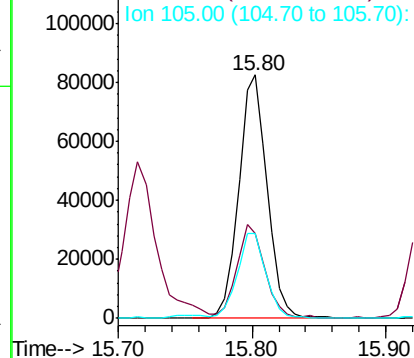
Tgt Ion:	198	Resp:	121176
Ion Ratio	Lower	Upper	
198	100		
51	34.9	25.3	65.3
105	34.7	16.6	56.6

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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: 47.075 ng

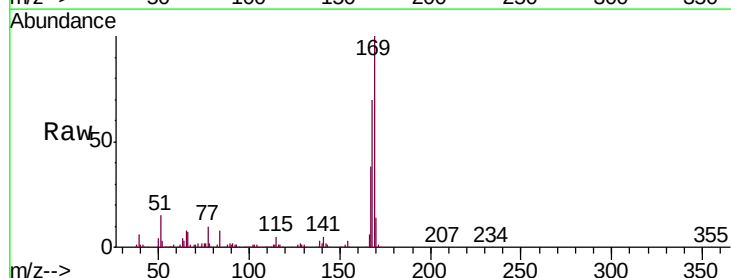
RT: 15.93 min Scan# 2186

Delta R.T. -0.01 min

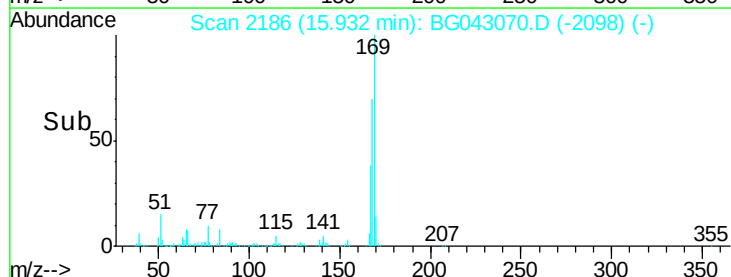
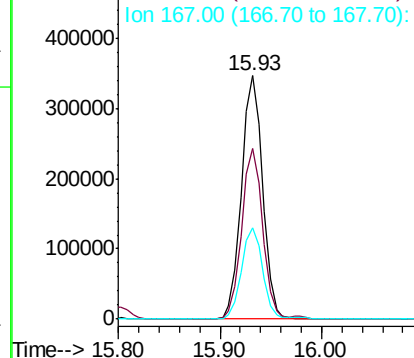
Lab File: BG043070.D

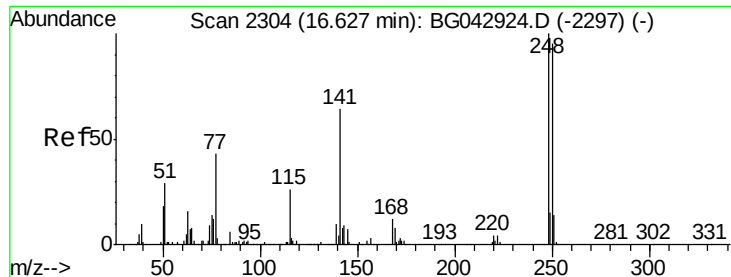
Acq: 7 Oct 2019 16:36

Tgt Ion:	169	Resp:	501610
Ion Ratio	Lower	Upper	
169	100		
168	70.0	54.8	82.2
167	37.6	30.6	46.0



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





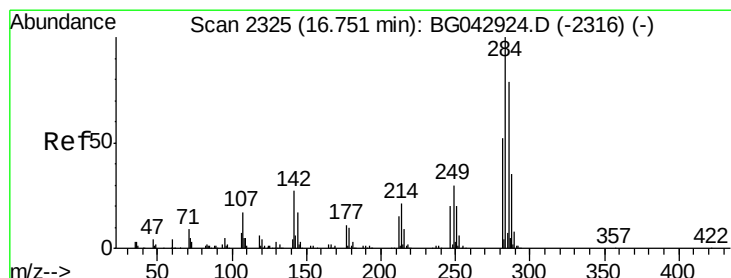
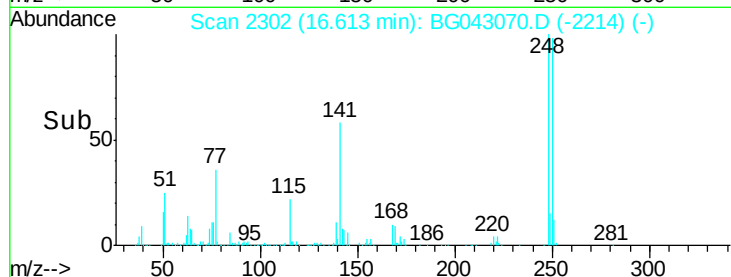
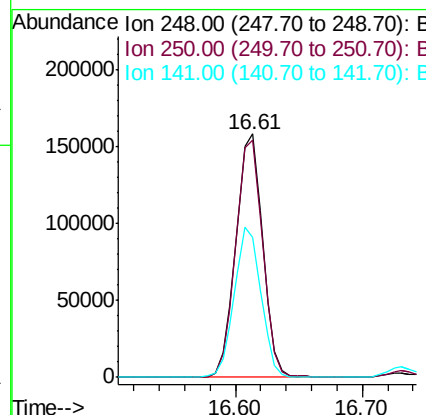
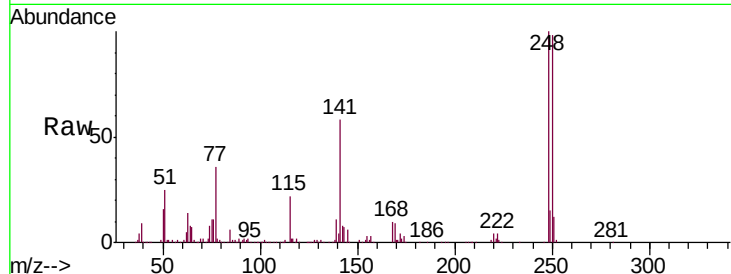
#67
4-Bromophenyl-phenylether
Concen: 45.368 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.6	75.8	113.8
141	57.6	51.1	76.7

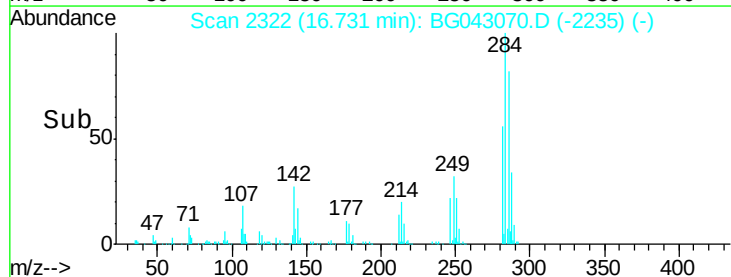
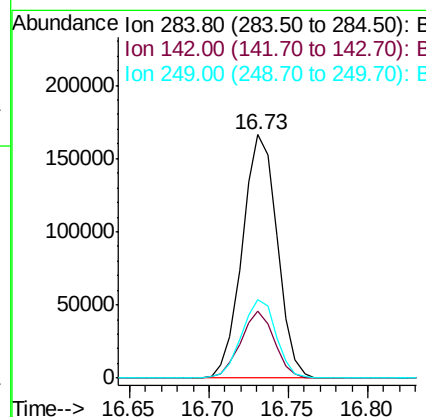
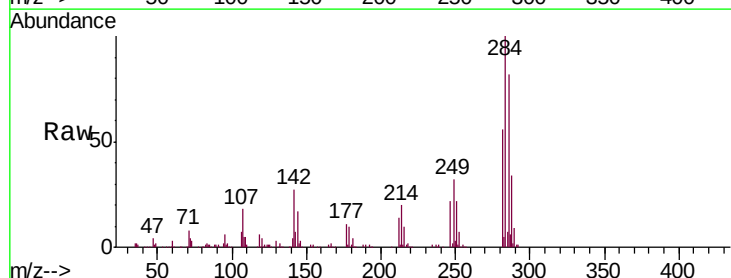
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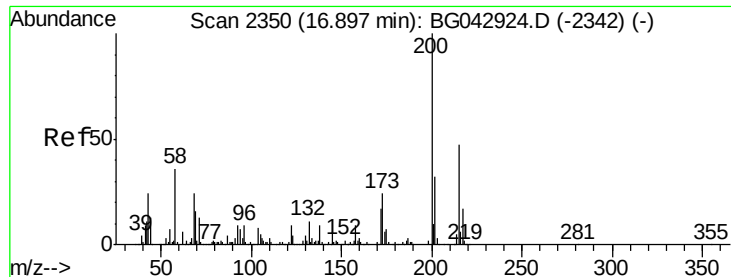
mohammad
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#68
Hexachlorobenzene
Concen: 45.053 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.4	21.6	32.4
249	32.3	24.1	36.1





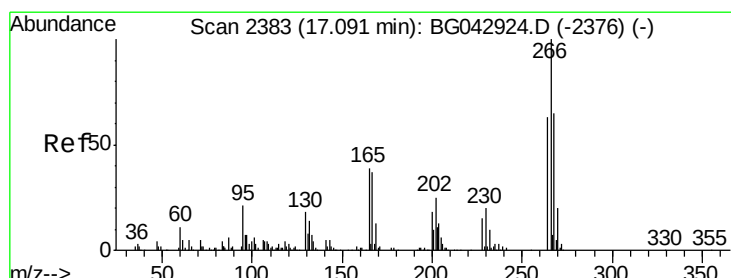
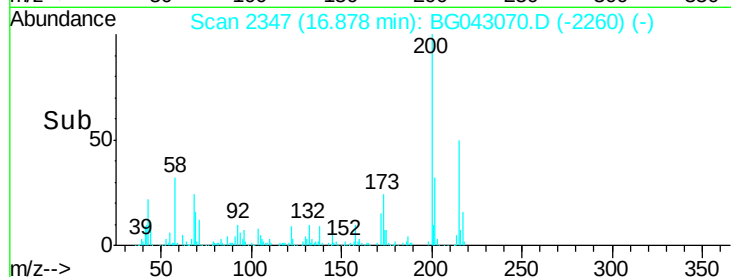
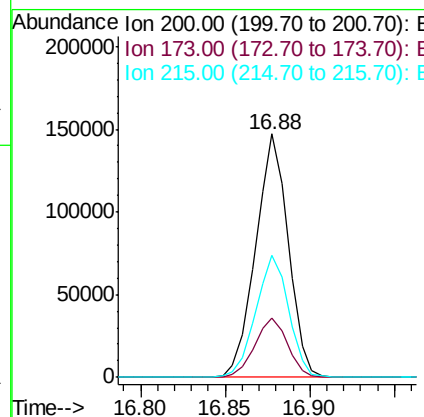
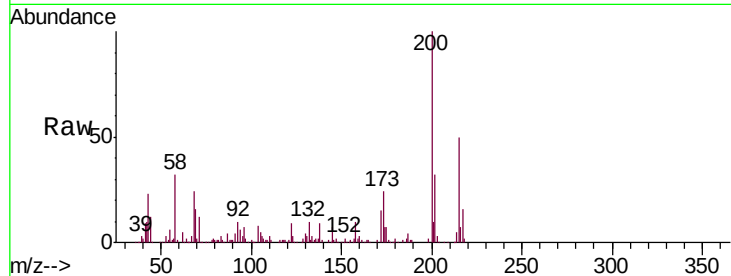
#69
Atrazine
Concen: 44.086 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.4	4.0	44.0
215	50.4	27.4	67.4

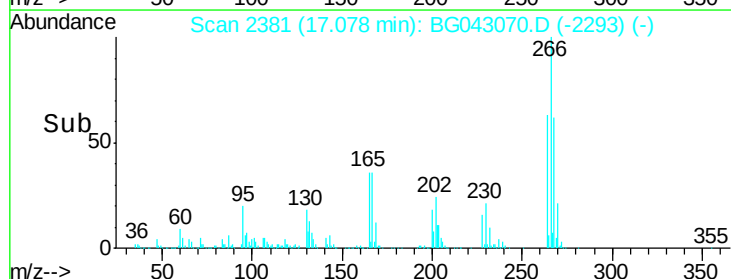
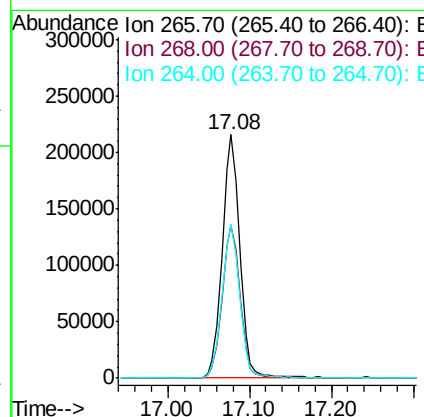
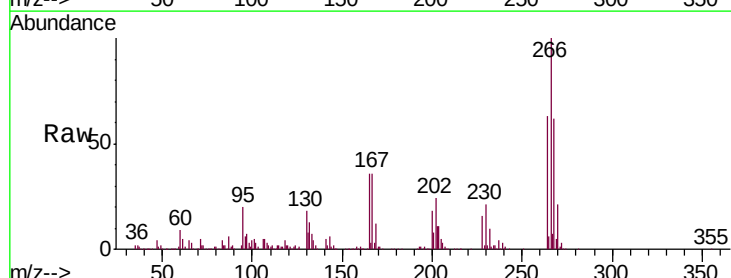
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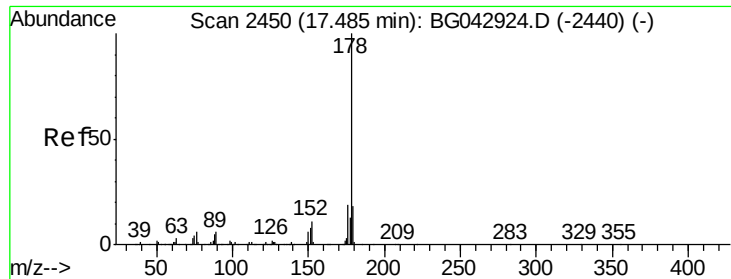
mohammad
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#70
Pentachlorophenol
Concen: 100.433 ng
RT: 17.08 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.5	52.2	78.2
264	63.2	50.7	76.1





#71

Phenanthrene

Concen: 47.532 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Instrument :

BNA_G

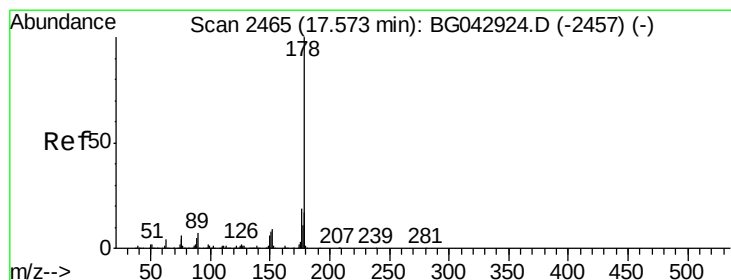
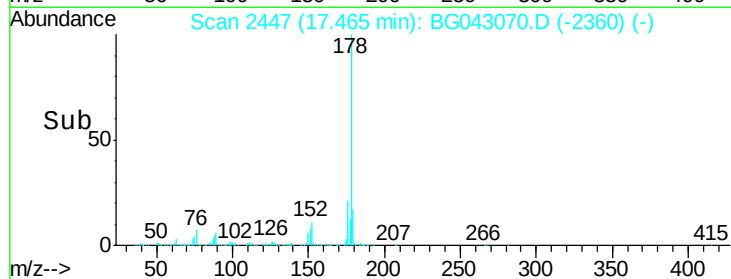
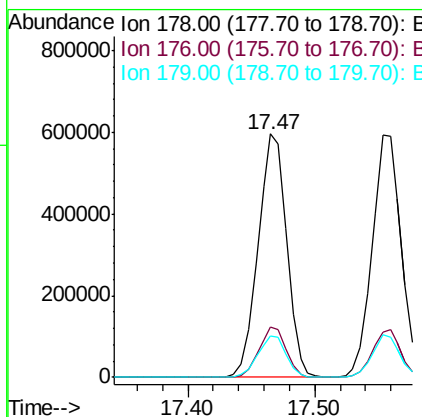
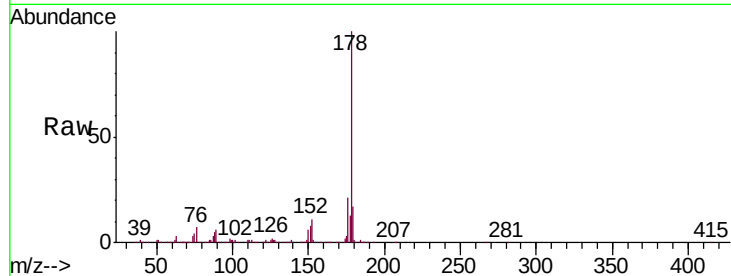
ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tgt Ion:	178	Resp:	936662
Ion Ratio	Lower	Upper	
178	100		
176	20.6	15.1	22.7
179	17.1	14.1	21.1

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#72

Anthracene

Concen: 48.081 ng

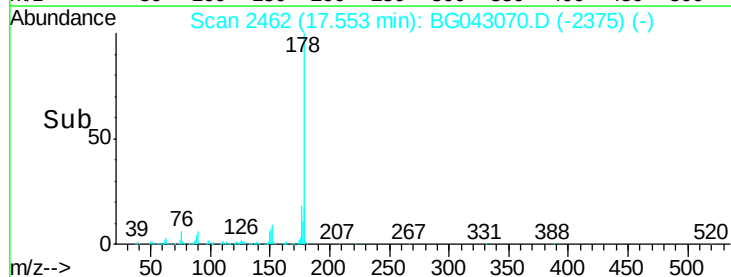
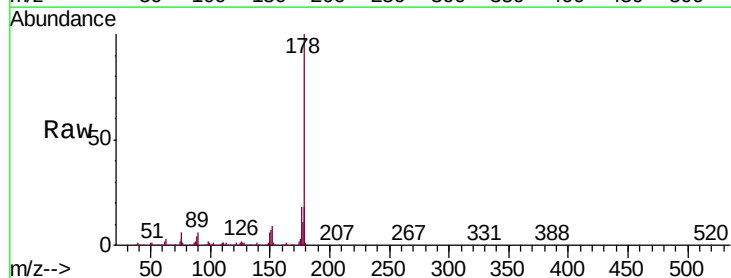
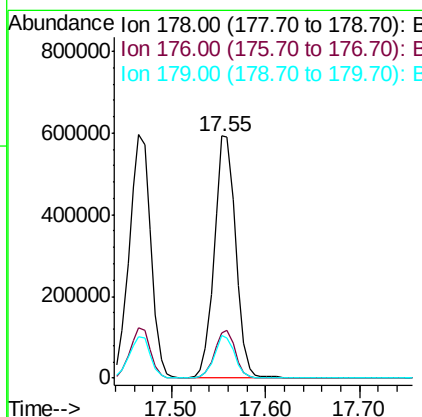
RT: 17.55 min Scan# 2462

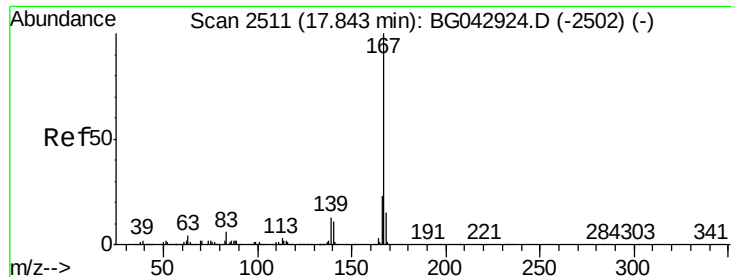
Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Tgt Ion:	178	Resp:	945889
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.5	23.3
179	17.5	13.5	20.3





#73

Carbazole

Concen: 47.851 ng

RT: 17.82 min Scan# 2508

Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Instrument :

BNA_G

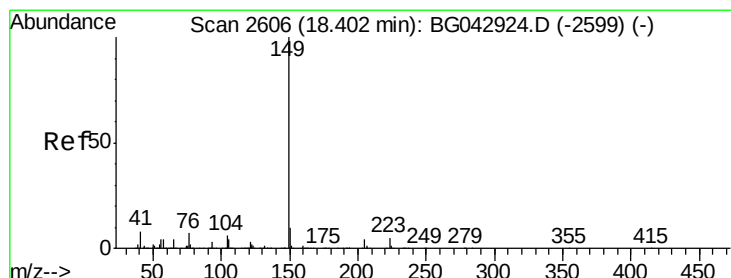
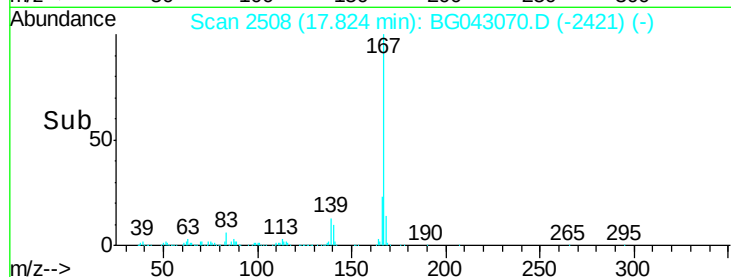
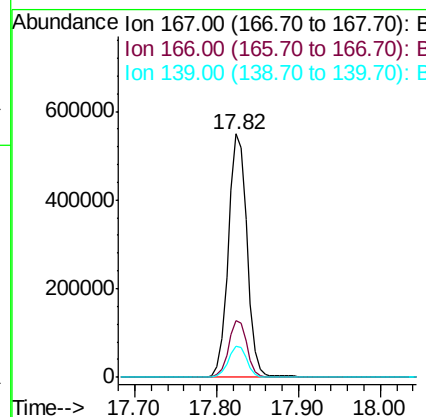
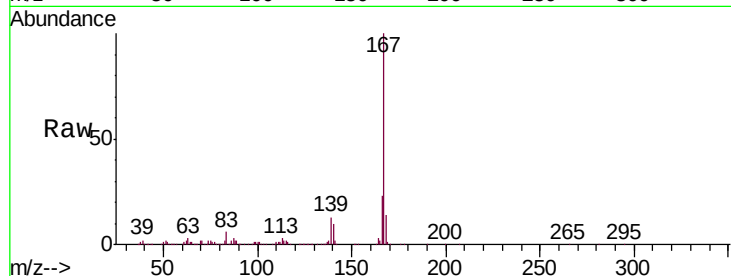
ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tgt Ion:	167	Resp:	872952
Ion Ratio		Lower	Upper
167	100		
166	23.4	18.6	28.0
139	13.0	10.8	16.2

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#74

Di-n-butylphthalate

Concen: 46.080 ng

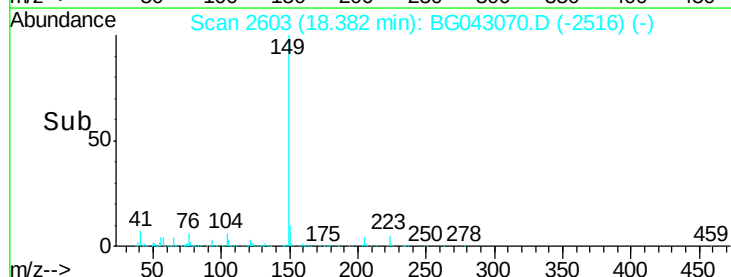
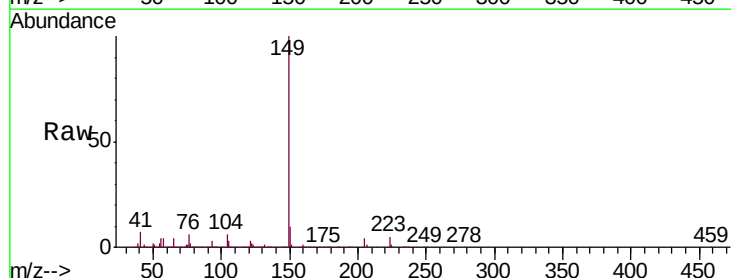
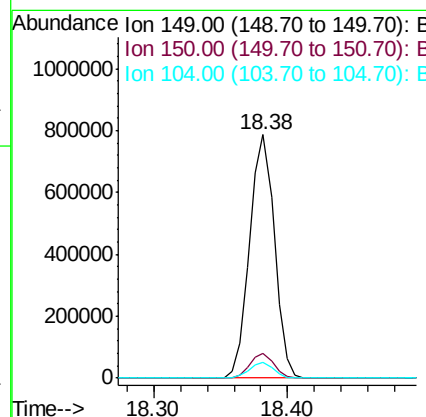
RT: 18.38 min Scan# 2603

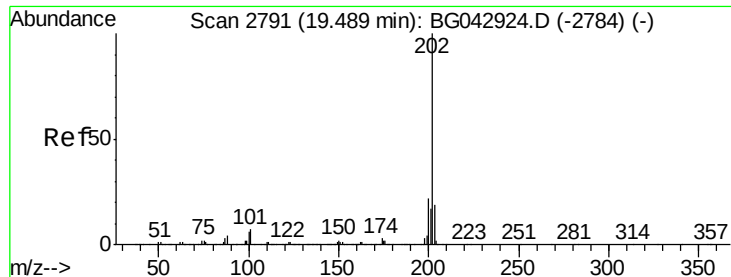
Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Tgt Ion:	149	Resp:	1002978
Ion Ratio		Lower	Upper
149	100		
150	10.1	7.7	11.5
104	6.4	5.0	7.6





#75

Fluoranthene

Concen: 49.020 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Instrument :

BNA_G

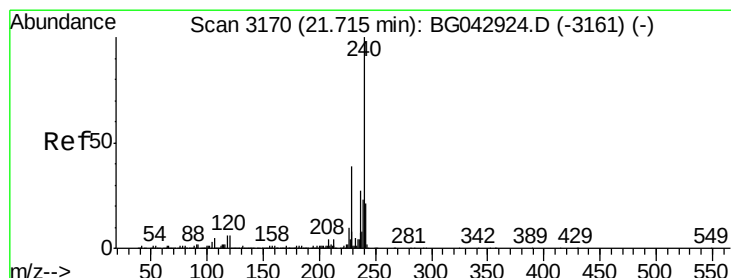
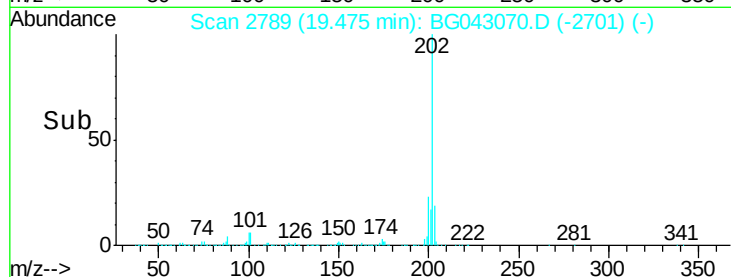
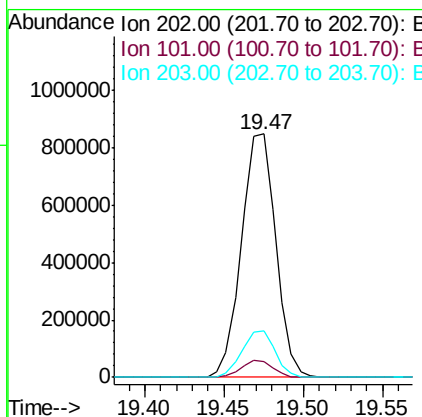
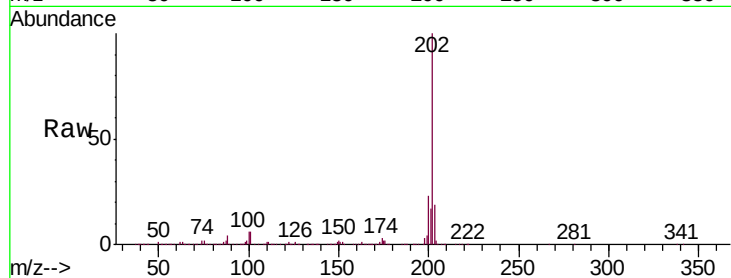
ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tgt	Ion:202	Resp: 1277698	
Ion	Ratio	Lower	Upper
202	100		
101	6.4	0.0	27.3
203	18.9	0.0	39.5

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

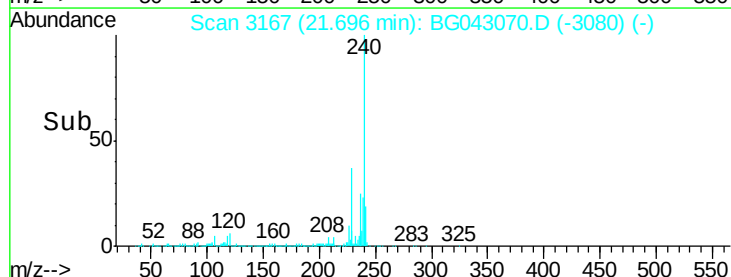
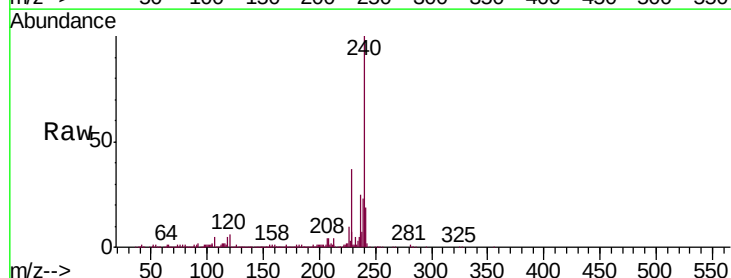
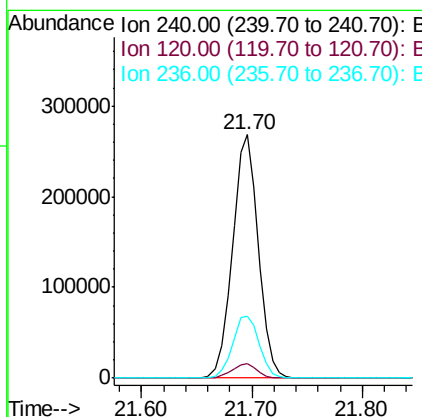
RT: 21.70 min Scan# 3167

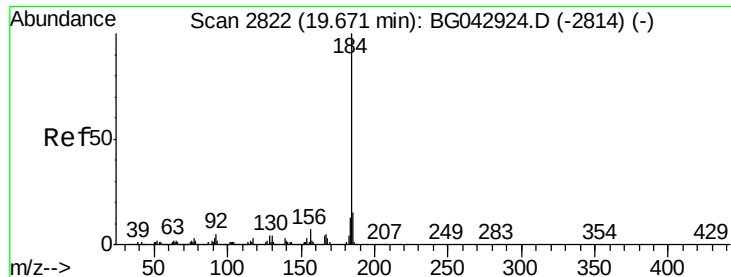
Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Tgt	Ion:240	Resp: 437488	
Ion	Ratio	Lower	Upper
240	100		
120	6.1	4.8	7.2
236	25.5	21.4	32.0





#77

Benzidine

Concen: 53.616 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Instrument :

BNA_G

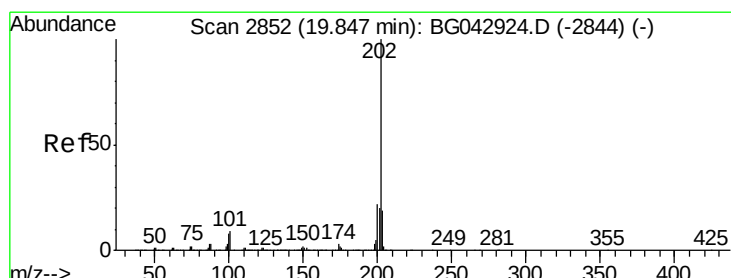
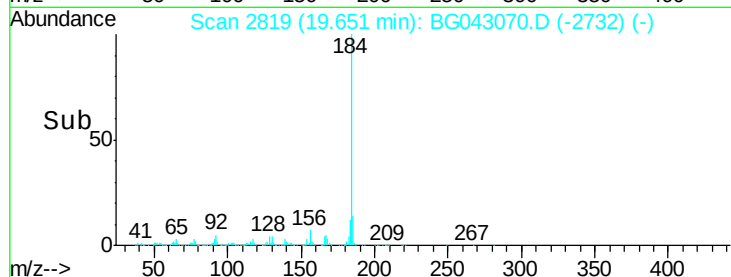
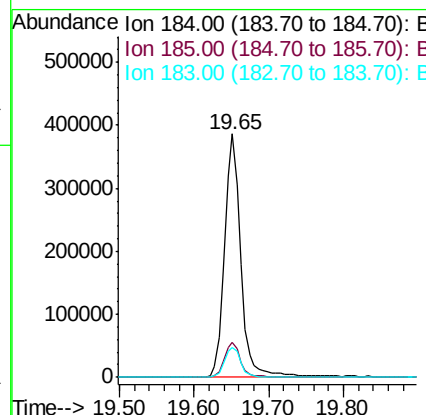
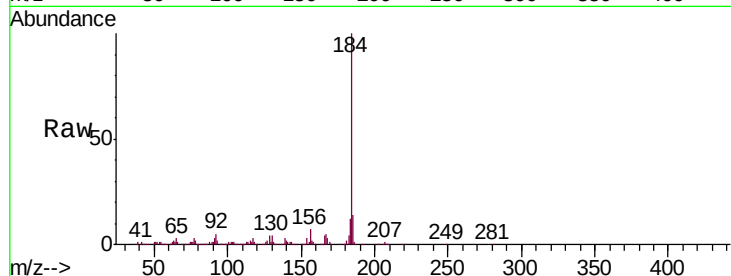
ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tgt Ion:	184	Resp:	587320
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.8	17.8
183	12.4	10.1	15.1

Manual Integrations
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#78

Pyrene

Concen: 48.996 ng

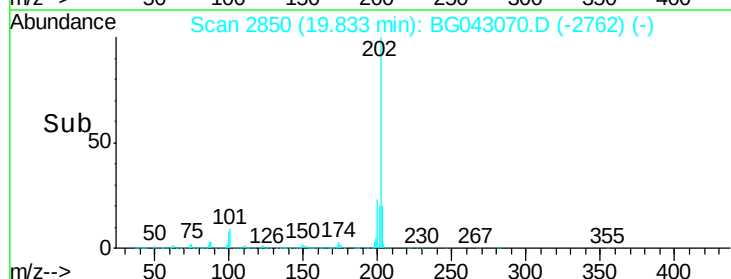
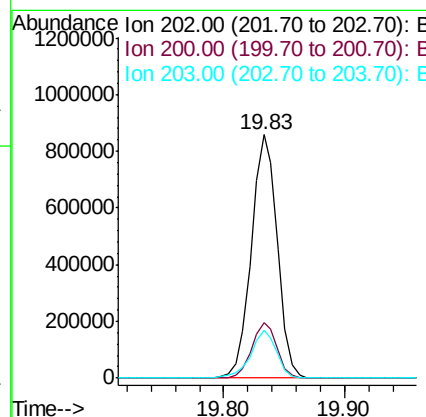
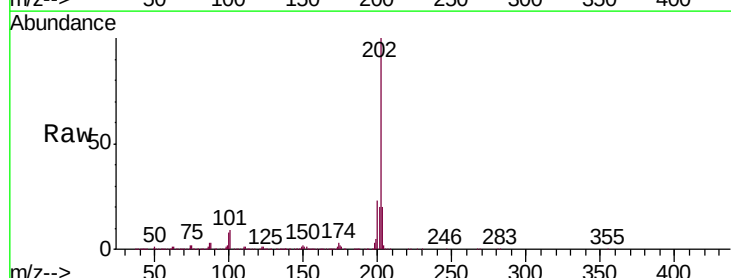
RT: 19.83 min Scan# 2850

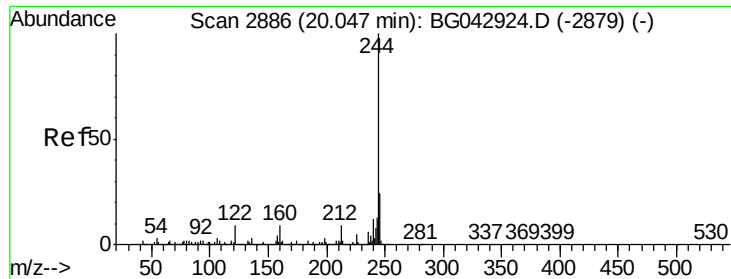
Delta R.T. -0.01 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Tgt Ion:	202	Resp:	1279390
Ion Ratio	Lower	Upper	
202	100		
200	22.7	17.6	26.4
203	19.6	15.2	22.8





#79

Terphenyl-d14

Concen: 71.972 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Instrument :

BNA_G

ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tgt Ion:244 Resp: 1477644

Ion Ratio Lower Upper

244 100

212 8.1 7.4 11.0

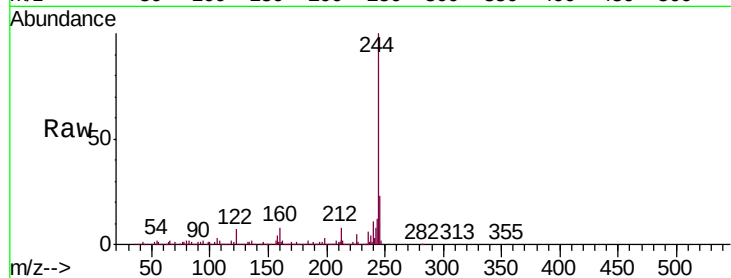
122 7.2 7.0 10.4

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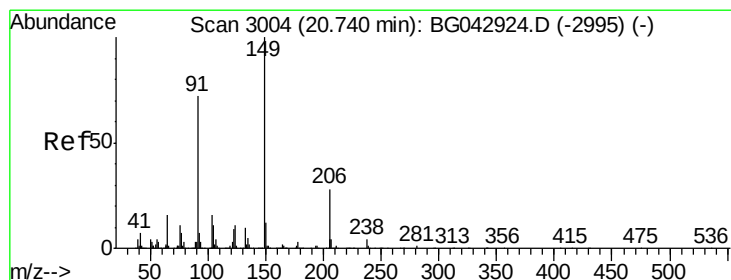
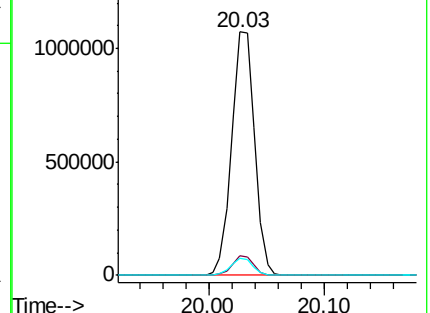
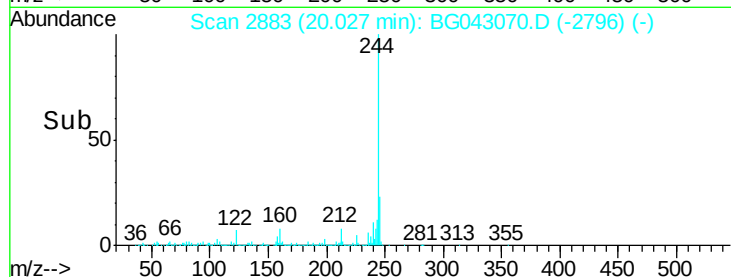
10/8/2019 12:22:45 PM



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: 46.750 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.02 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

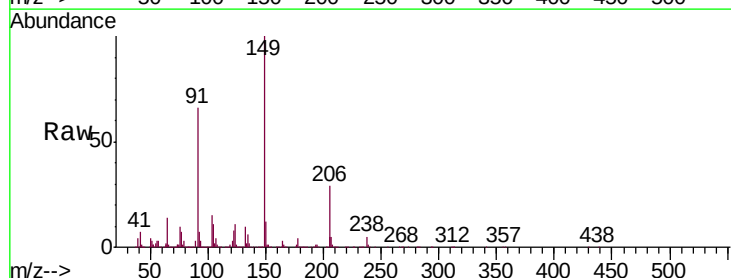
Tgt Ion:149 Resp: 463363

Ion Ratio Lower Upper

149 100

91 65.9 57.7 86.5

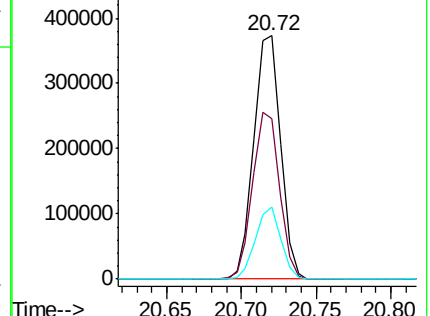
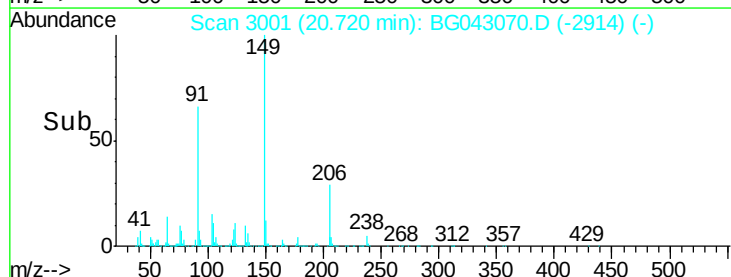
206 29.4 22.6 33.8

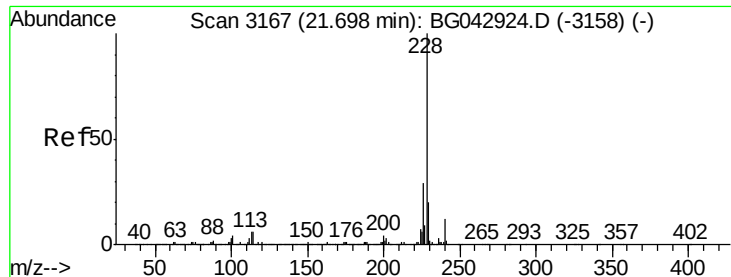


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





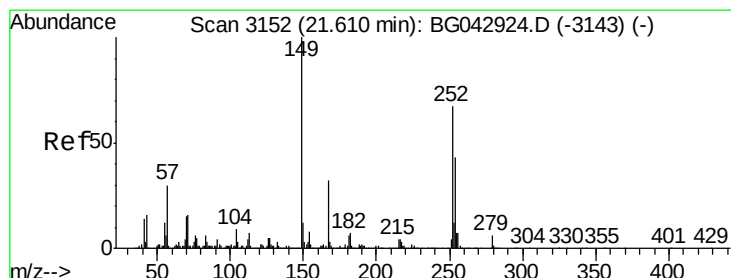
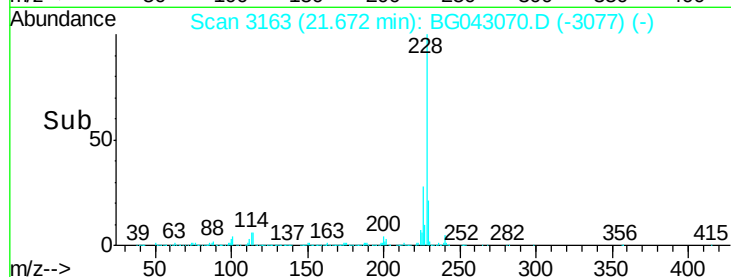
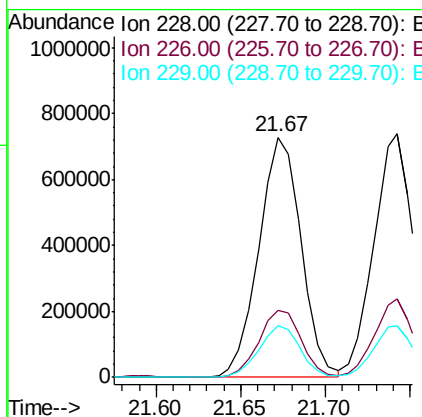
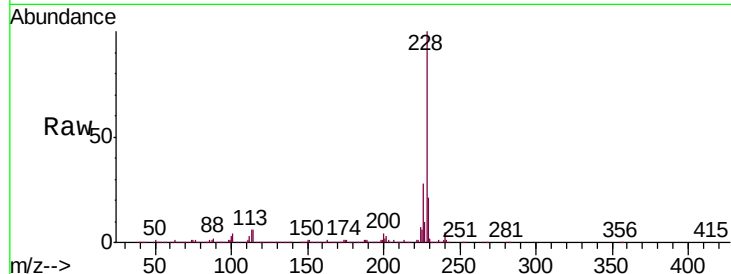
#81
Benzo(a)anthracene
Concen: 46.523 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.03 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.0	34.4
229	21.3	16.3	24.5

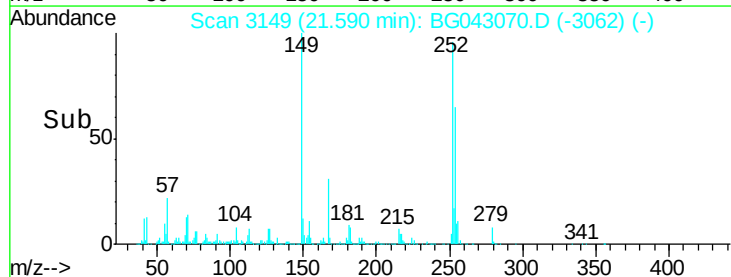
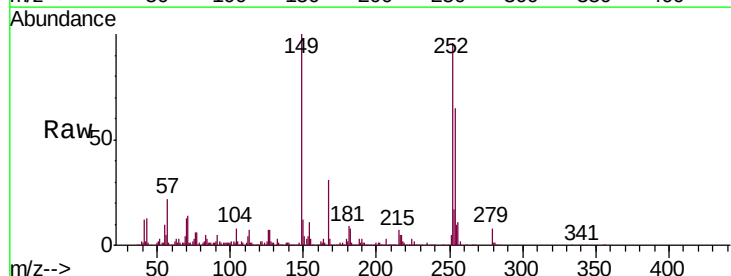
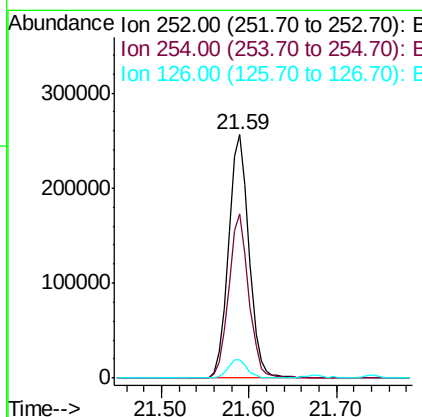
Manual Integrations
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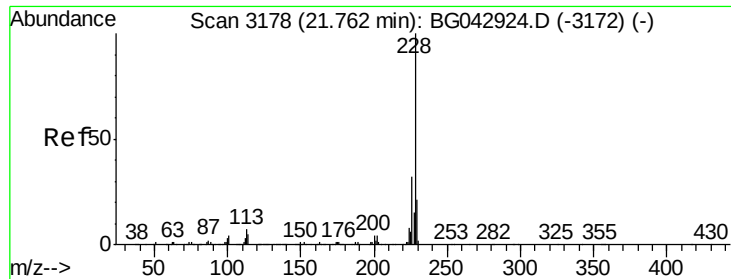
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 38.446 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.02 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.3	51.9	77.9
126	7.5	6.1	9.1





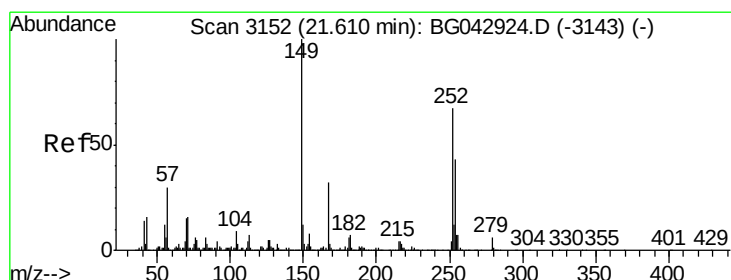
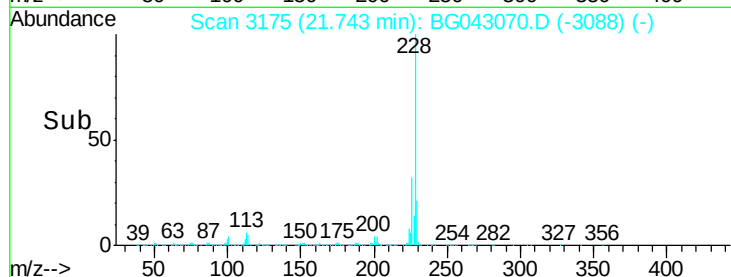
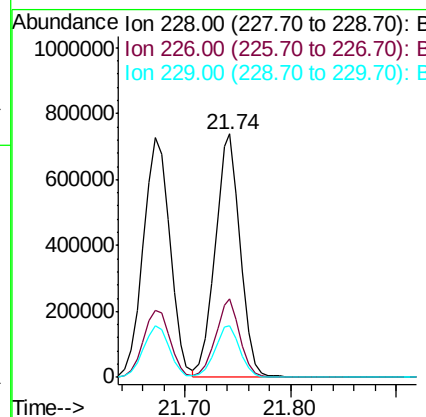
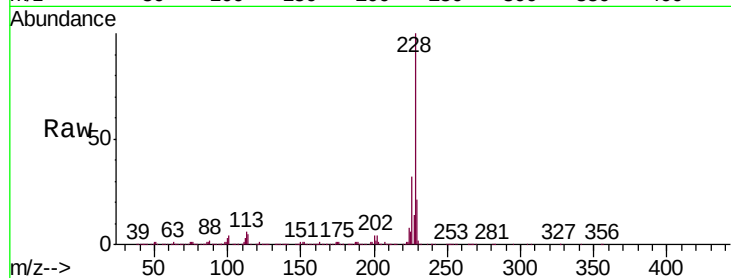
#83
Chrysene
 Concen: 45.952 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.02 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

Instrument :
 BNA_G
 ClientSampleId :
 20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.6	38.4
229	21.4	16.9	25.3

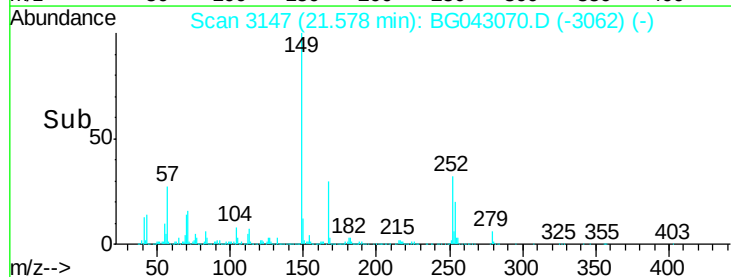
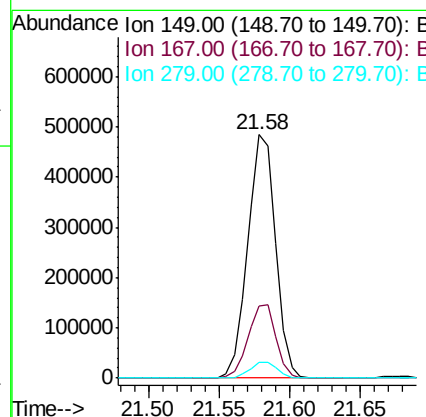
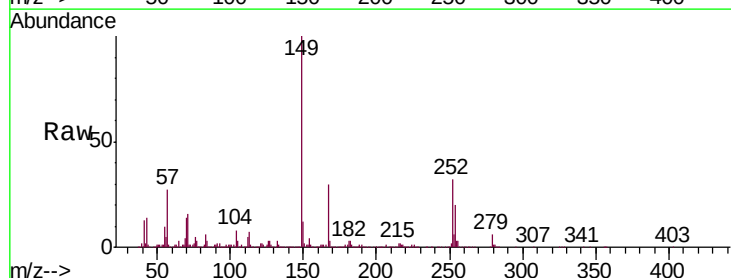
Manual Integrations
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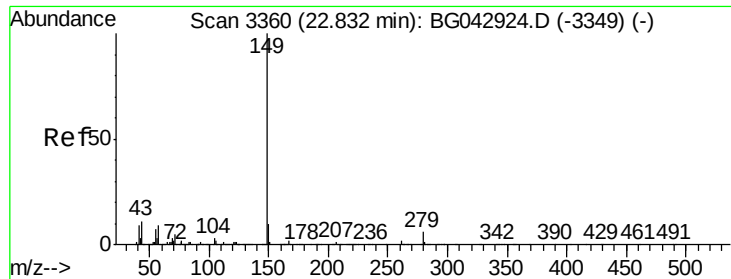
mohammad
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#84
Bis(2-ethylhexyl)phthalate
 Concen: 47.273 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.03 min
 Lab File: BG043070.D
 Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.7	25.4	38.2
279	6.3	5.1	7.7





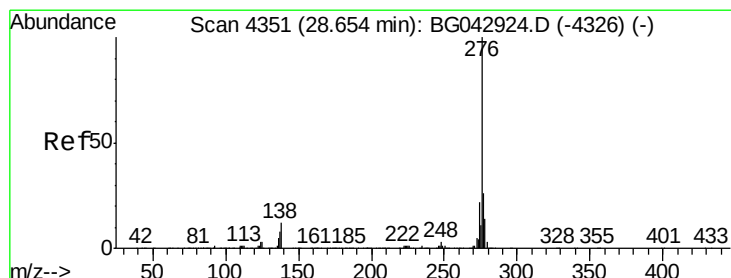
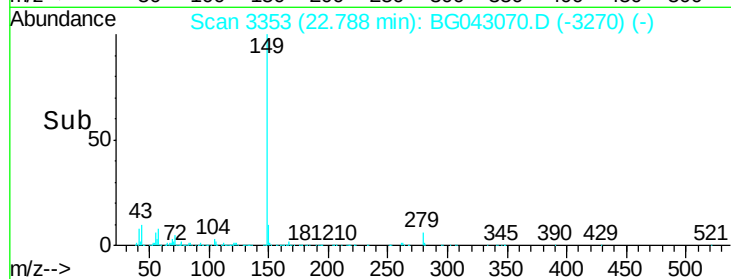
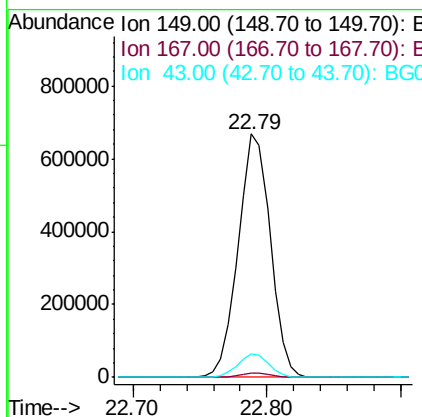
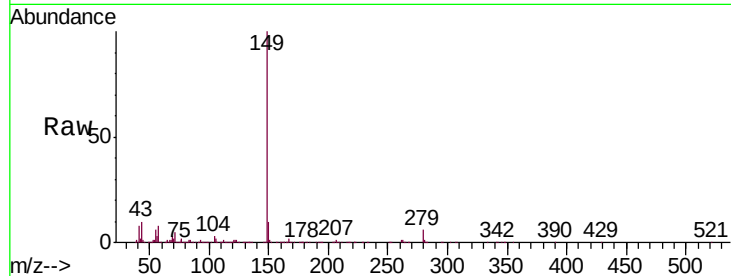
#85
Di-n-octyl phthalate
Concen: 48.177 ng
RT: 22.79 min Scan# 3353
Delta R.T. -0.04 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	9.5	8.7	13.1

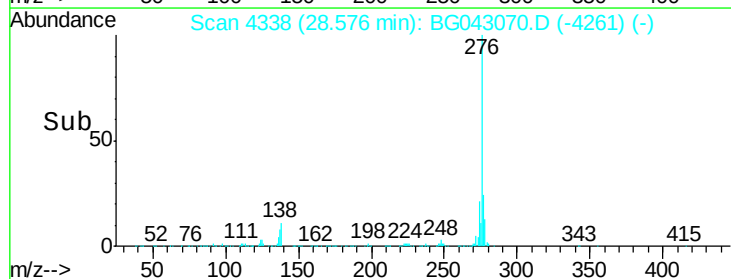
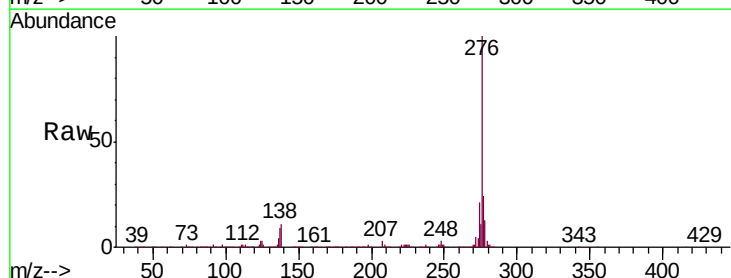
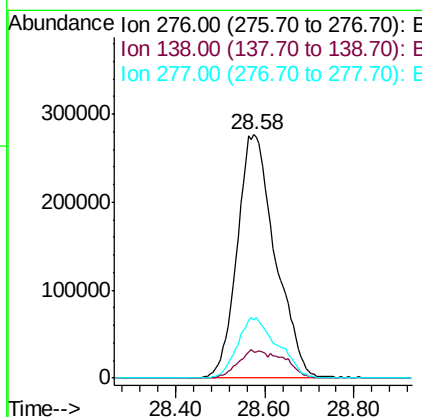
Manual Integrations
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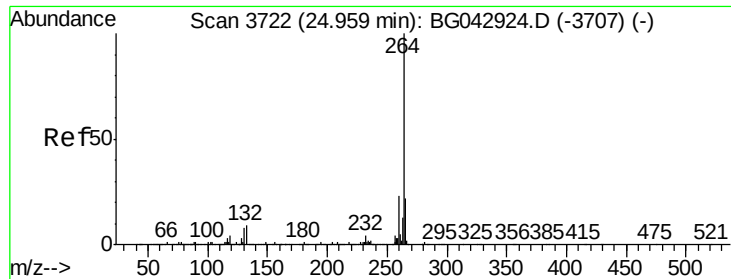
mohammad
10/8/2019 12:22:45 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 49.542 ng
RT: 28.58 min Scan# 4338
Delta R.T. -0.08 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.8	7.0	10.6#
277	26.4	20.9	31.3





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3714

Delta R.T. -0.05 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Instrument :

BNA_G

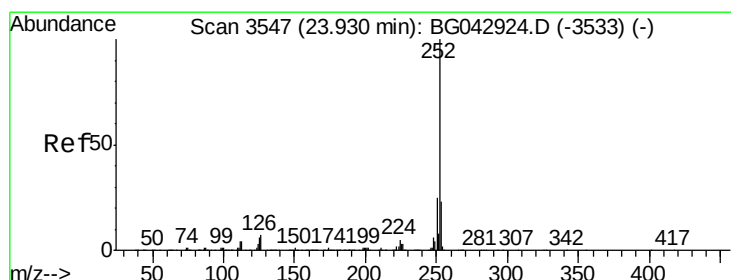
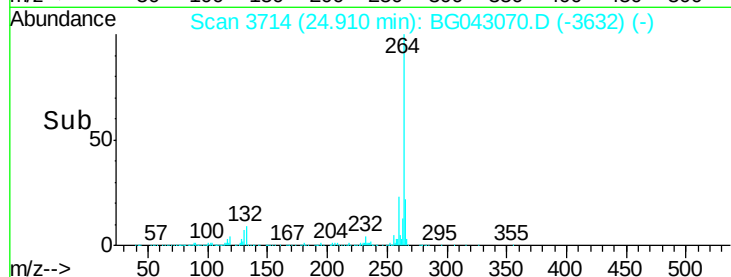
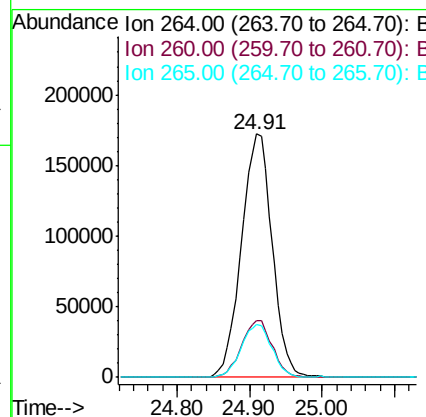
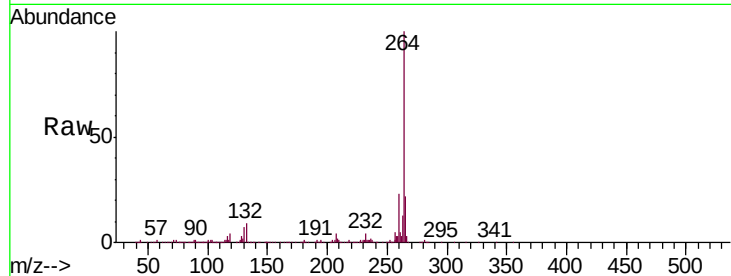
ClientSampleId :

20190773-SS-COMPOSITE-13MSD

Tgt Ion:	264	Resp:	506813
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.7	28.1
265	21.7	17.7	26.5

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 46.993 ng

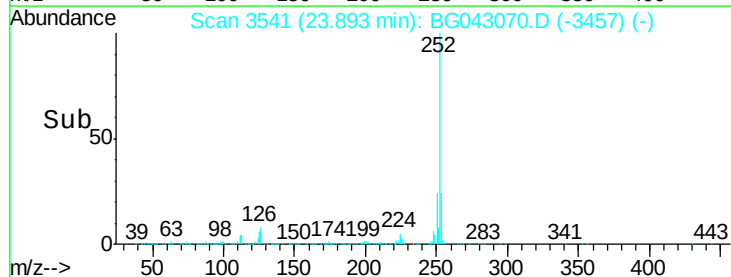
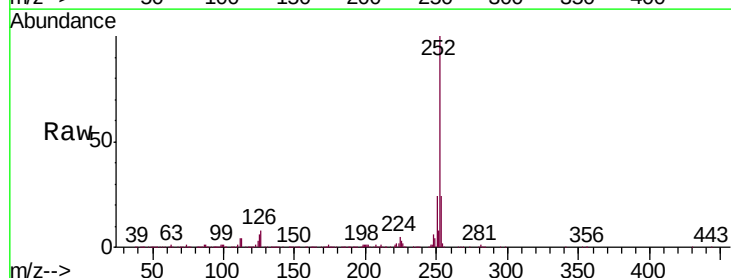
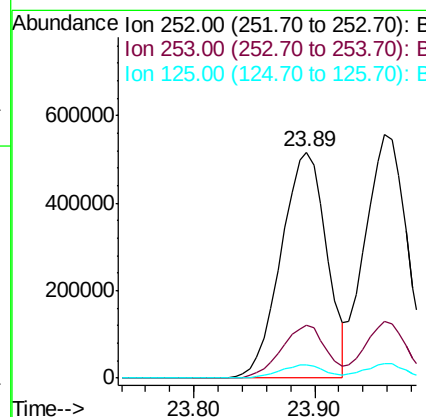
RT: 23.89 min Scan# 3541

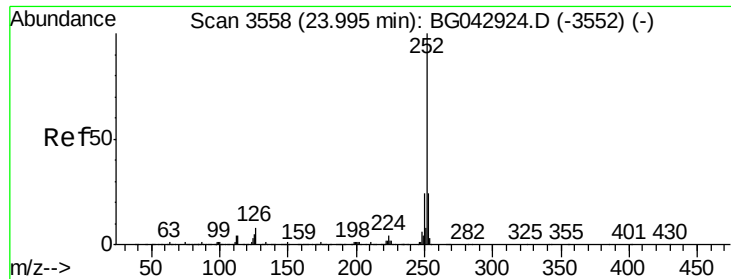
Delta R.T. -0.04 min

Lab File: BG043070.D

Acq: 7 Oct 2019 16:36

Tgt Ion:	252	Resp:	1347602
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.2	27.2
125	6.0	4.6	7.0





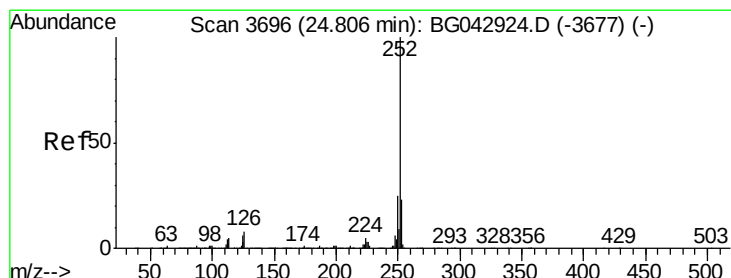
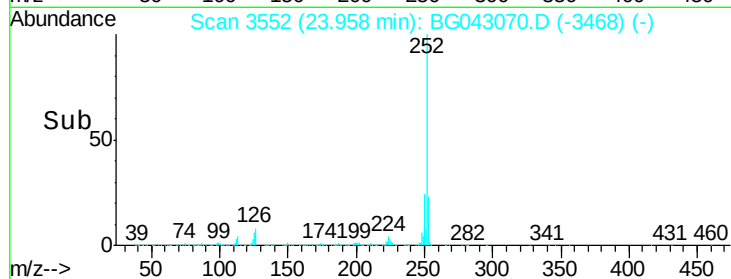
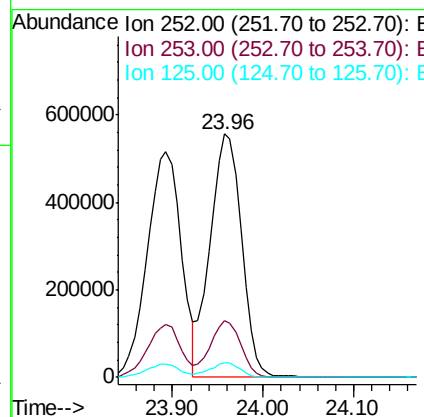
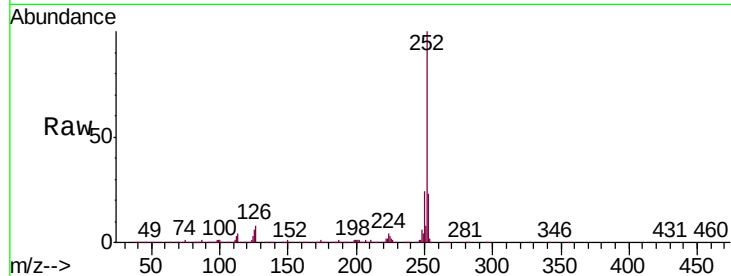
#89
Benzo(k)fluoranthene
Concen: 47.329 ng
RT: 23.96 min Scan# 3552
Delta R.T. -0.04 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.9	28.3
125	5.8	4.5	6.7

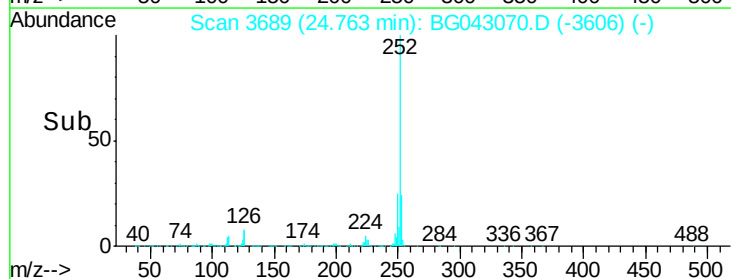
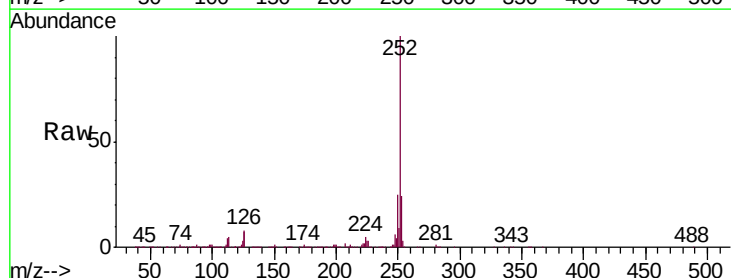
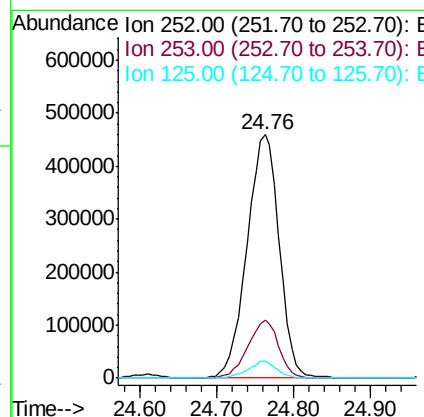
Manual Integrations
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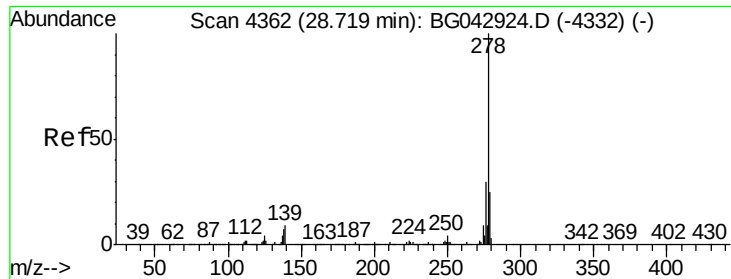
mohammad
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#90
Benzo(a)pyrene
Concen: 49.578 ng
RT: 24.76 min Scan# 3689
Delta R.T. -0.04 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.4
125	6.8	5.0	7.6





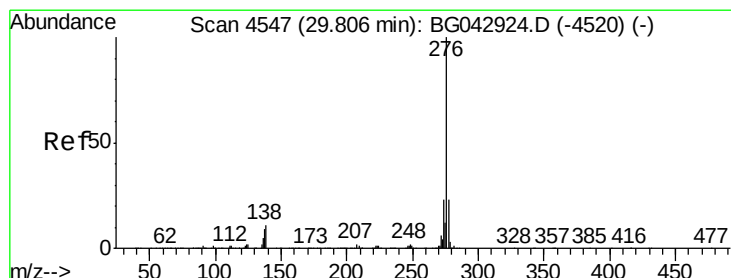
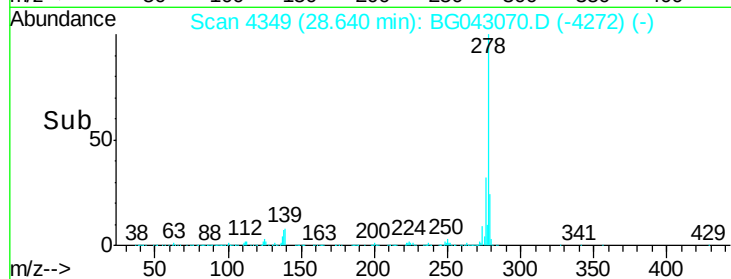
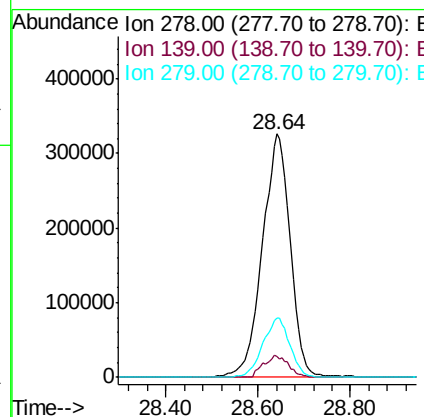
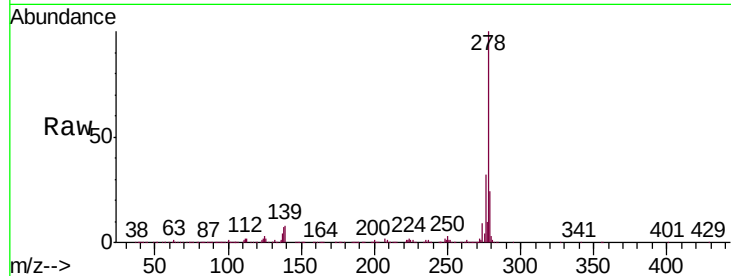
#91
Dibenzo(a,h)anthracene
Concen: 49.223 ng
RT: 28.64 min Scan# 4349
Delta R.T. -0.08 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Tgt Ion: 278 Resp: 1365611
Ion Ratio Lower Upper
278 100
139 8.4 6.8 10.2
279 24.3 20.1 30.1

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 50.442 ng
RT: 29.73 min Scan# 4534
Delta R.T. -0.08 min
Lab File: BG043070.D
Acq: 7 Oct 2019 16:36

Tgt Ion: 276 Resp: 1355941
Ion Ratio Lower Upper
276 100
277 24.4 18.4 27.6
138 11.9 8.6 12.8

