

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
 Data File : BG043078.D
 Acq On : 7 Oct 2019 21:44
 Operator : JU
 Sample : PB123704BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123704BS

Manual Integrations
 APPROVED

mohammad
 10/8/2019 12:22:52 PM

Quant Time: Oct 08 04:36:58 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	8.05	152	51421	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	211138	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	166453	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	416346	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	425927	20.00	ng	-0.02
87) Perylene-d12	24.91	264	503617	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	294462	102.20	ng	-0.02
7) Phenol-d6	7.23	99	294439	70.96	ng	-0.01
23) Nitrobenzene-d5	9.22	82	376347	86.64	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	430683	150.47	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1003009	87.36	ng	-0.02
79) Terphenyl-d14	20.03	244	2025808	101.35	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	31257	26.019	ng	93
3) Pyridine	3.94	79	69591	20.596	ng	89
4) n-Nitrosodimethylamine	3.85	42	44914	27.642	ng	# 78
6) Aniline	7.39	93	99749	19.915	ng	96
8) 2-Chlorophenol	7.63	128	155510	51.753	ng	99
9) Benzaldehyde	7.20	77	16524	6.517	ng	96
10) Phenol	7.26	94	106994	28.106	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	149927	50.901	ng	94
12) 1,3-Dichlorobenzene	7.95	146	149898	39.105	ng	94
13) 1,4-Dichlorobenzene	8.09	146	158074	41.367	ng	98
14) 1,2-Dichlorobenzene	8.41	146	152315	41.867	ng	93
15) Benzyl Alcohol	8.30	79	89261	28.613	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	191258	33.811	ng	93
17) 2-Methylphenol	8.51	107	132009	49.559	ng	96
18) Hexachloroethane	9.14	117	55565	38.610	ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	126391	46.390	ng	# 91
20) 3+4-Methylphenols	8.83	107	168055	46.038	ng	98
22) Acetophenone	8.88	105	242003	44.466	ng	# 95
24) Nitrobenzene	9.26	77	184093	44.430	ng	95
25) Isophorone	9.78	82	365526	47.905	ng	98
26) 2-Nitrophenol	9.97	139	94731	53.706	ng	96
27) 2,4-Dimethylphenol	10.03	122	159587	58.914	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	199213	46.016	ng	98
29) 2,4-Dichlorophenol	10.52	162	185116	54.948	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	187600	43.121	ng	97
31) Naphthalene	10.91	128	475579	45.757	ng	100
32) Benzoic acid	10.14	122	28991	17.121	ng	90
33) 4-Chloroaniline	11.07	127	18814m	4.172	ng	
34) Hexachlorobutadiene	11.20	225	129016	39.606	ng	98
35) Caprolactam	11.80	113	19342m	16.280	ng	
36) 4-Chloro-3-methylphenol	12.15	107	203731	55.619	ng	96
37) 2-Methylnaphthalene	12.51	142	385069	48.565	ng	98
38) 1-Methylnaphthalene	12.73	142	367704	49.010	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	253780	40.550	ng	99

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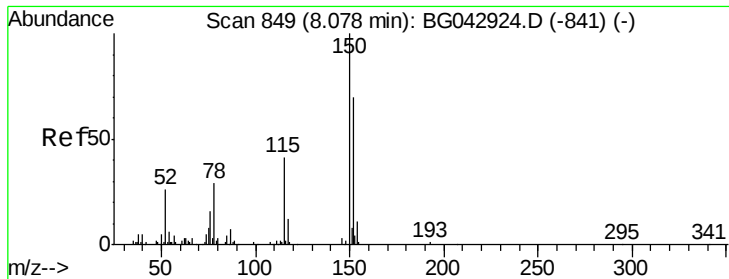
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	351705	88.199	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	180001	49.139	ng	96
44) 2,4,5-Trichlorophenol	13.20	196	193363	51.241	ng	97
46) 1,1'-Biphenyl	13.51	154	548553	43.457	ng	99
47) 2-Chloronaphthalene	13.56	162	424178	44.820	ng	97
48) 2-Nitroaniline	13.76	65	143651	45.644	ng	93
49) Acenaphthylene	14.41	152	699801	48.324	ng	98
50) Dimethylphthalate	14.14	163	784446	62.898	ng	98
51) 2,6-Dinitrotoluene	14.25	165	137888	51.917	ng	91
52) Acenaphthene	14.75	154	437393	45.124	ng	99
53) 3-Nitroaniline	14.59	138	60541	22.057	ng	92
54) 2,4-Dinitrophenol	14.79	184	173268	104.955	ng	93
55) Dibenzofuran	15.08	168	697714	48.659	ng	99
56) 4-Nitrophenol	14.91	139	121573	58.132	ng	95
57) 2,4-Dinitrotoluene	15.03	165	201167	51.722	ng	# 94
58) Fluorene	15.73	166	603949	49.335	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	197490m	49.153	ng	
60) Diethylphthalate	15.49	149	612263	48.238	ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	349829	47.649	ng	98
62) 4-Nitroaniline	15.75	138	132038	44.108	ng	99
63) Azobenzene	16.01	77	529164	45.793	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	136359	57.878	ng	95
66) n-Nitrosodiphenylamine	15.93	169	531802	48.385	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	251645	48.157	ng	97
68) Hexachlorobenzene	16.73	284	276842	47.581	ng	98
69) Atrazine	16.88	200	122165	26.395	ng	94
70) Pentachlorophenol	17.08	266	338663	100.874	ng	98
71) Phenanthrene	17.47	178	972180	47.829	ng	98
72) Anthracene	17.55	178	1000900	49.325	ng	98
73) Carbazole	17.83	167	903045	47.991	ng	100
74) Di-n-butylphthalate	18.38	149	1064092	47.396	ng	99
75) Fluoranthene	19.47	202	1257193	46.762	ng	100
77) Benzidine	19.71	184	79289m	7.435	ng	
78) Pyrene	19.83	202	1278699	50.299	ng	100
80) Butylbenzylphthalate	20.72	149	480998	49.847	ng	96
81) Benzo(a)anthracene	21.67	228	1270693	47.880	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	206489	19.838	ng	98
83) Chrysene	21.74	228	1256682	48.795	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	680771	49.580	ng	99
85) Di-n-octyl phthalate	22.79	149	1144668	50.982	ng	96
86) Indeno(1,2,3-cd)pyrene	28.58	276	1659796	51.769	ng	# 97
88) Benzo(b)fluoranthene	23.89	252	1384011	48.569	ng	99
89) Benzo(k)fluoranthene	23.96	252	1330134	47.184	ng	99
90) Benzo(a)pyrene	24.76	252	1350323	50.226	ng	100
91) Dibenzo(a,h)anthracene	28.64	278	1385814	50.268	ng	99
92) Benzo(g,h,i)perylene	29.72	276	1362144	50.995	ng	94

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



#1

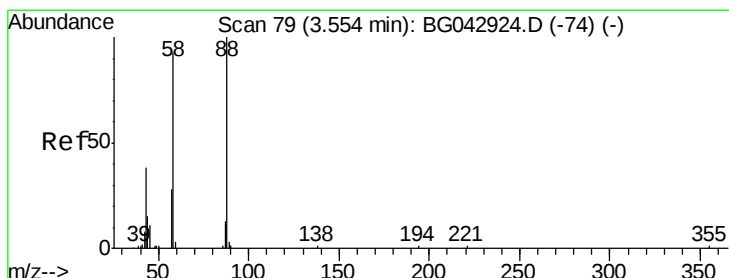
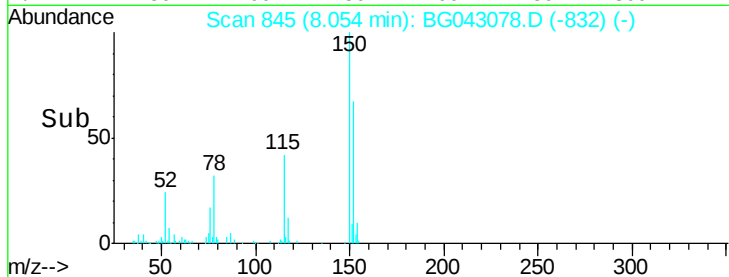
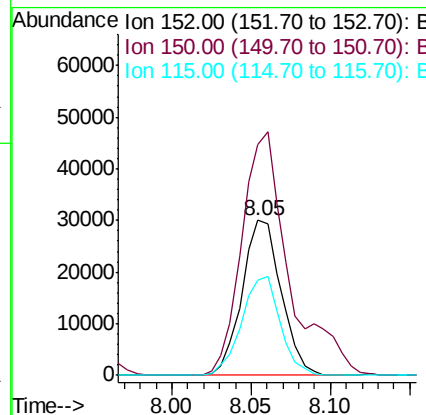
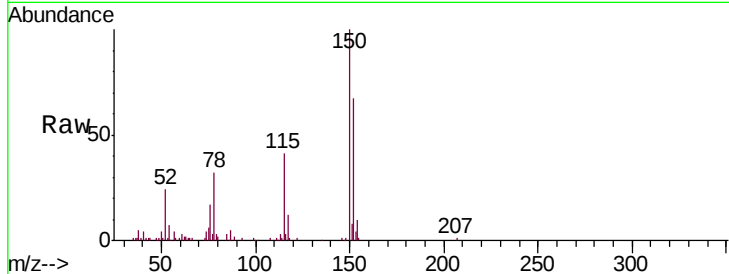
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
PB123704BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.0	115.0	172.4
115	61.7	47.0	70.6

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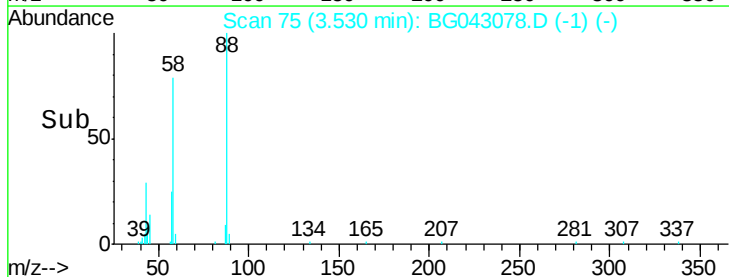
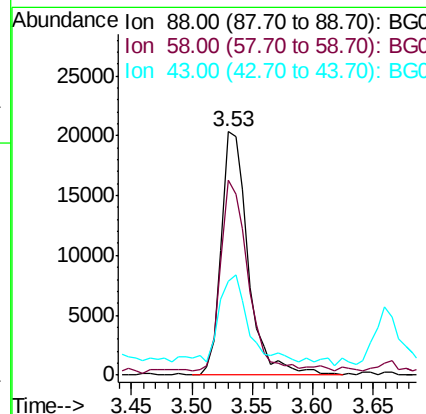
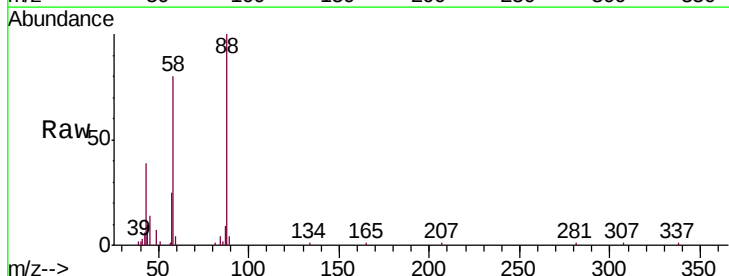
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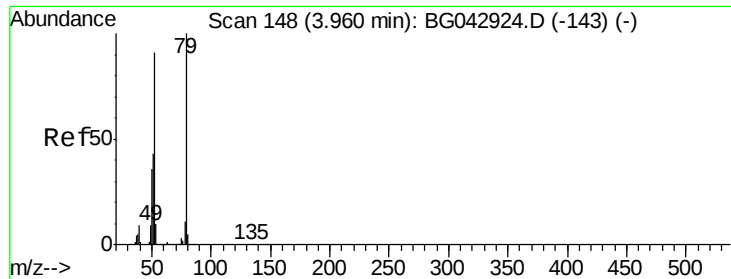


#2

1,4-Dioxane
Concen: 26.019 ng
RT: 3.53 min Scan# 75
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.6	74.3	111.5
43	37.0	29.8	44.8





#3

Pyridine

Concen: 20.596 ng

RT: 3.94 min Scan# 144

Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Instrument :

BNA_G

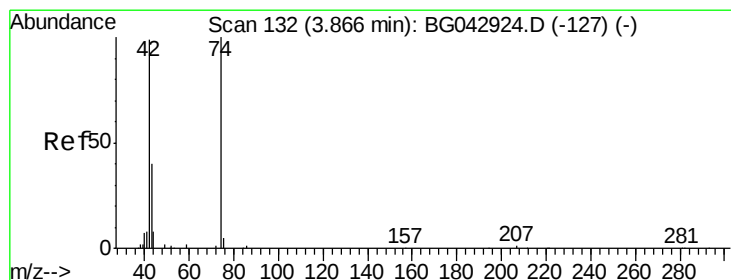
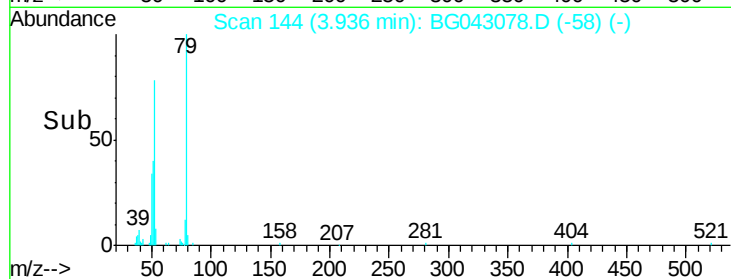
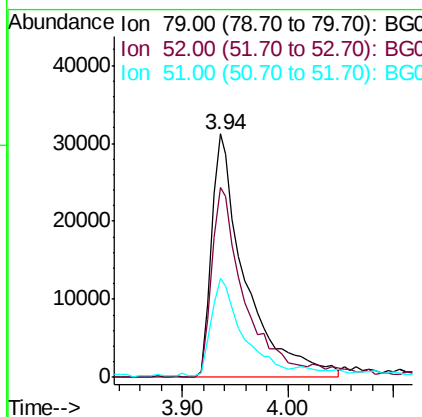
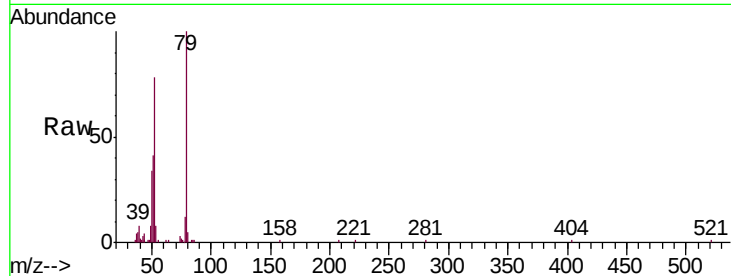
ClientSampleId :

PB123704BS

Tgt Ion:	79	Resp:	69591
Ion	Ratio	Lower	Upper
79	100		
52	77.9	73.0	109.4
51	40.9	35.1	52.7

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#4

n-Nitrosodimethylamine

Concen: 27.642 ng

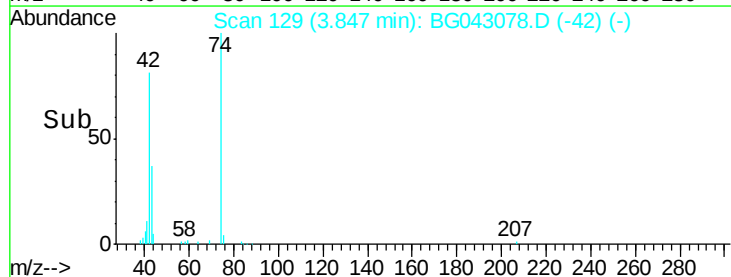
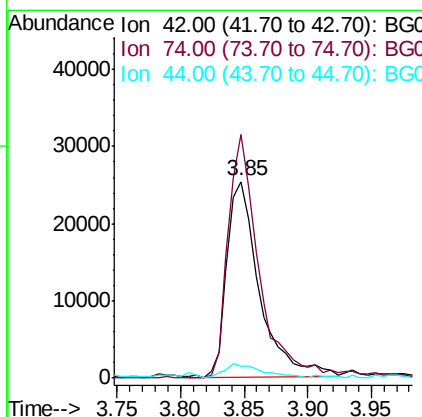
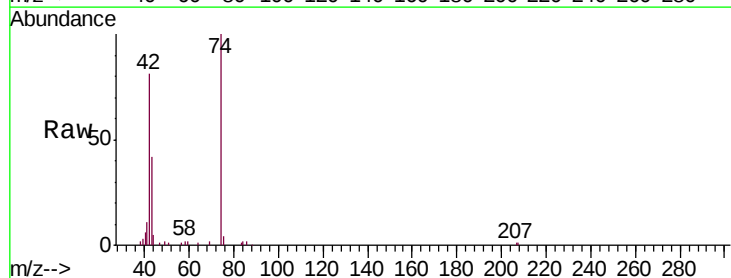
RT: 3.85 min Scan# 129

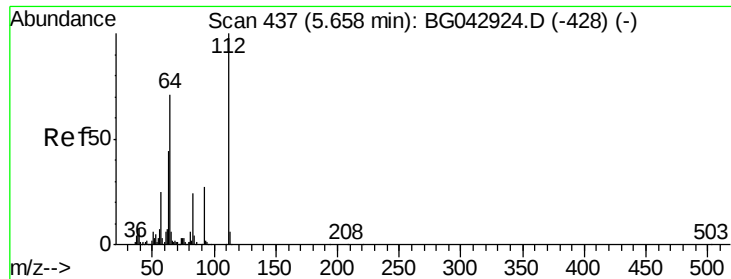
Delta R.T. -0.02 min

Lab File: BG043078.D

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Tgt Ion:	42	Resp:	44914
Ion	Ratio	Lower	Upper
42	100		
74	123.7	80.5	120.7#
44	6.2	6.9	10.3#





#5

2-Fluorophenol

Concen: 102.196 ng

RT: 5.64 min Scan# 434

Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Instrument :

BNA_G

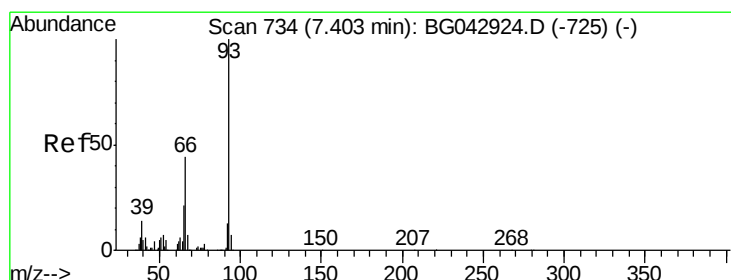
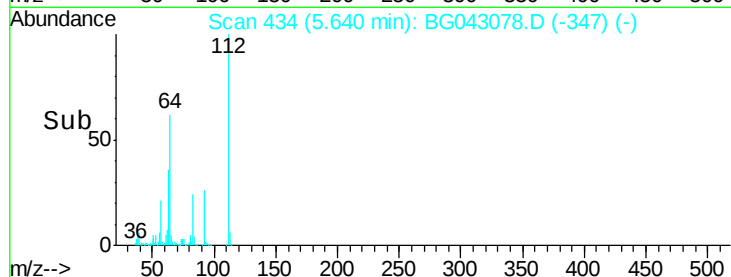
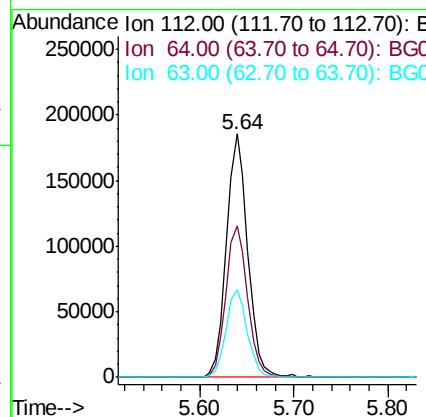
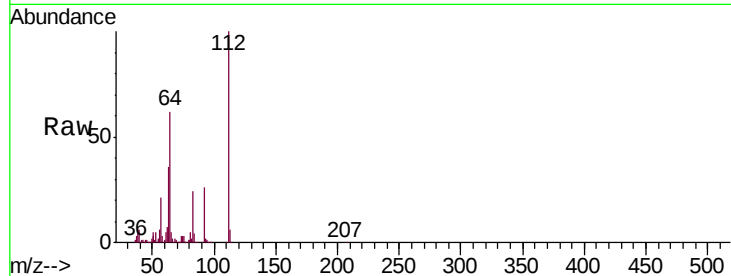
ClientSampleId :

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Tgt Ion:	112	Resp:	294462
Ion Ratio	Lower	Upper	
112	100		
64	62.1	56.6	84.8
63	35.8	35.1	52.7

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#6

Aniline

Concen: 19.915 ng

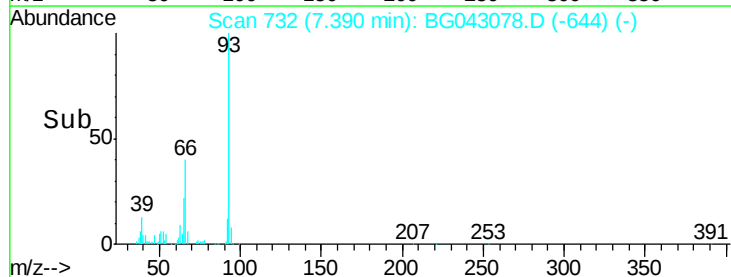
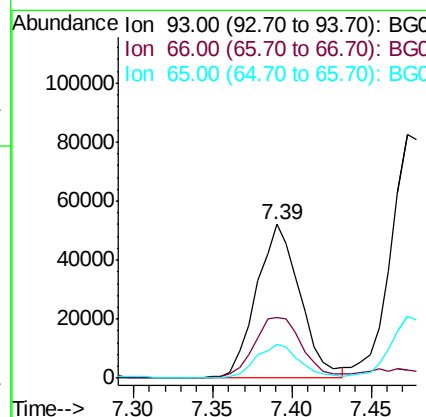
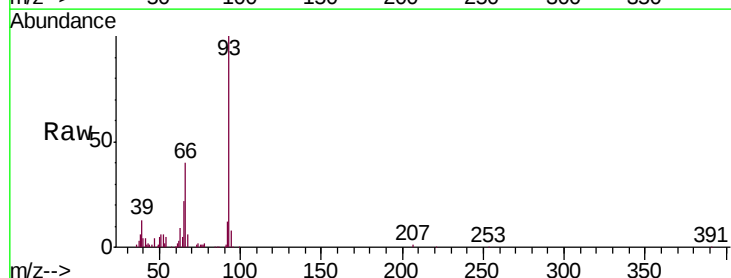
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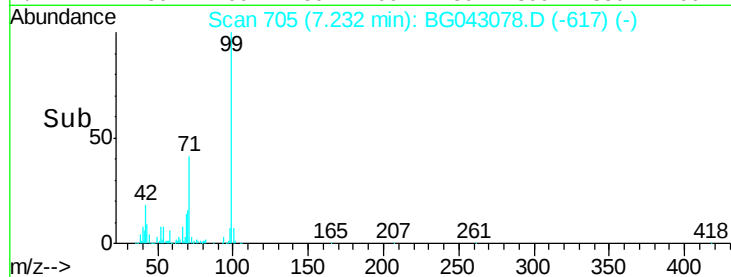
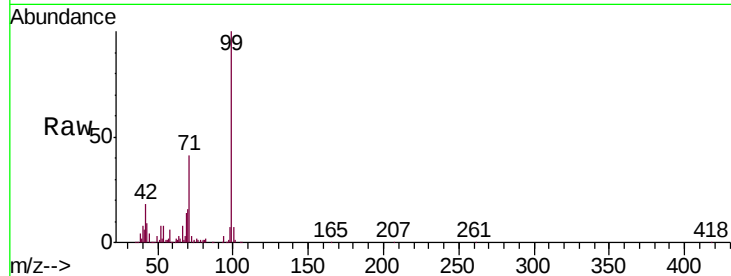
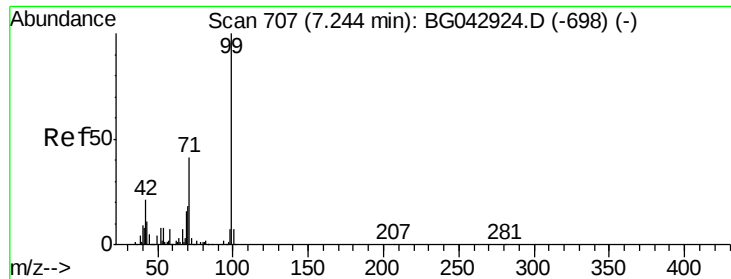
Delta R.T. -0.01 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Tgt Ion:	93	Resp:	99749
Ion Ratio	Lower	Upper	
93	100		
66	39.6	35.0	52.6
65	21.7	17.4	26.0





#7

Phenol-d6

Concen: 70.961 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	294439		
42	18.4	17.2	25.8	
71	40.7	33.1	49.7	

Instrument :

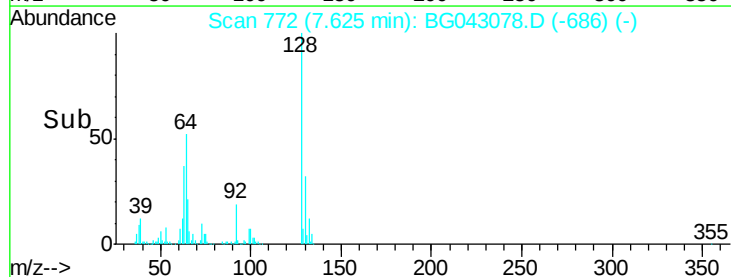
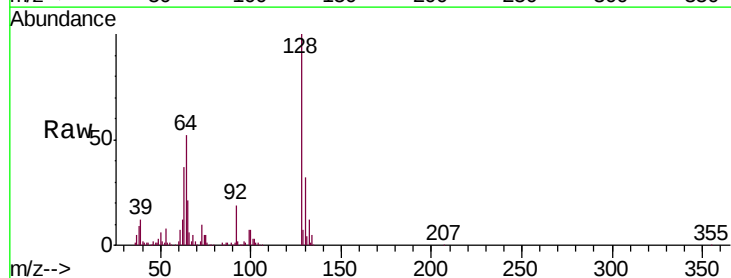
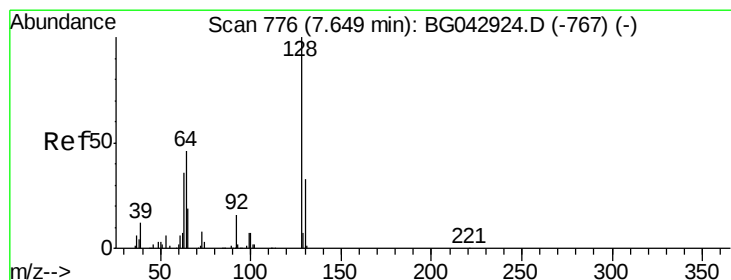
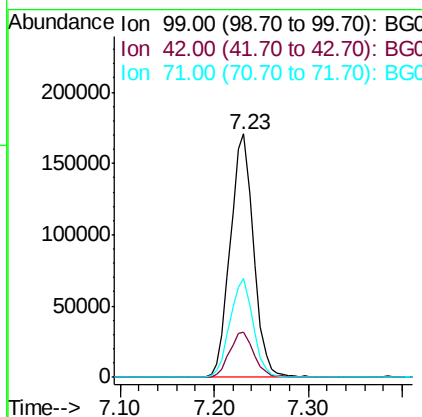
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#8

2-Chlorophenol

Concen: 51.753 ng

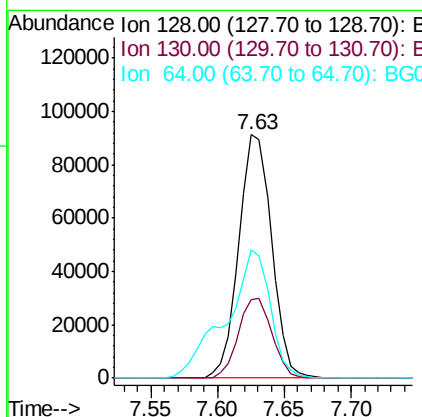
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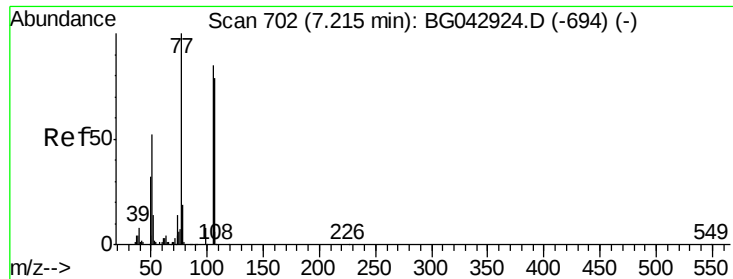
Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	155510		
130	32.0	12.5	52.5	
64	52.5	32.8	72.8	





#9

Benzaldehyde

Concen: 6.517 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Instrument :

BNA_G

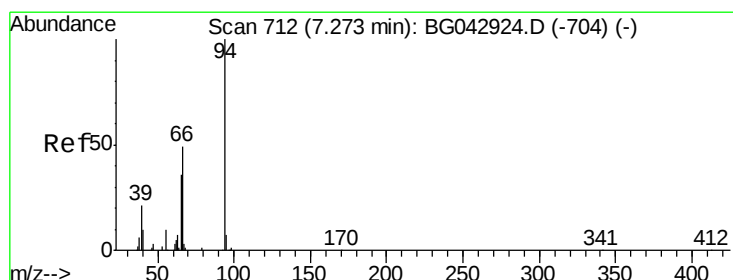
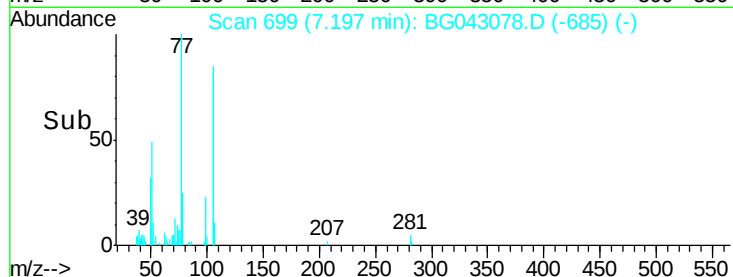
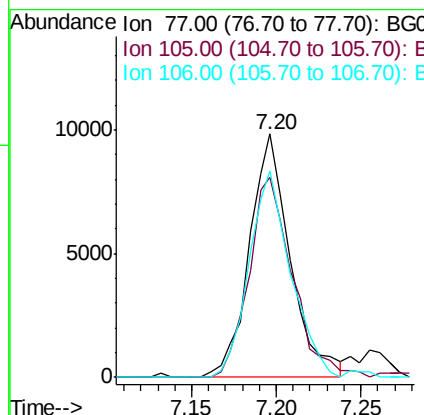
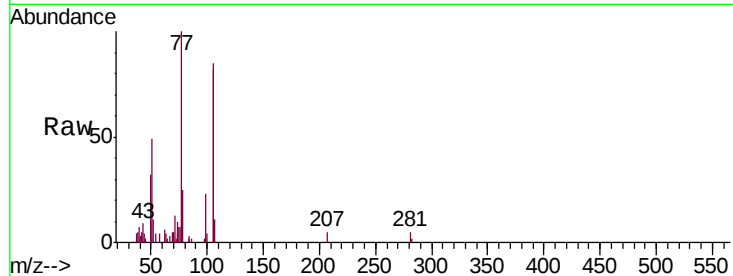
ClientSampled :

PB123704BS

Tgt Ion:	77	Resp:	16524
Ion	Ratio	Lower	Upper
77	100		
105	82.4	64.6	104.6
106	84.9	59.4	99.4

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#10

Phenol

Concen: 28.106 ng

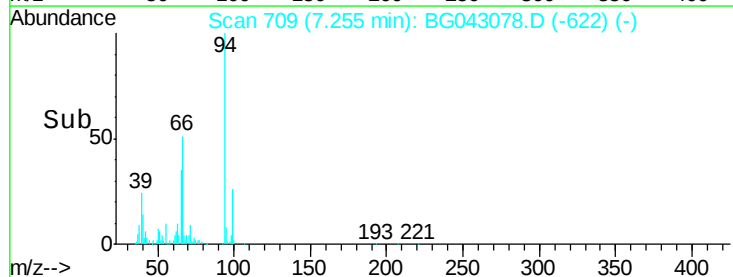
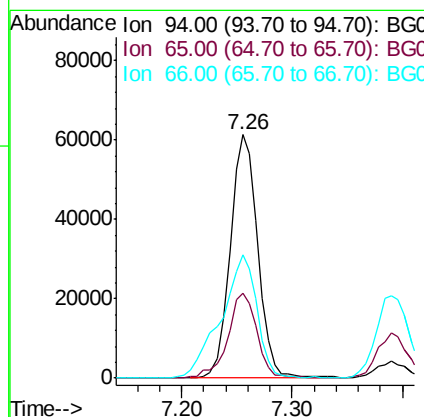
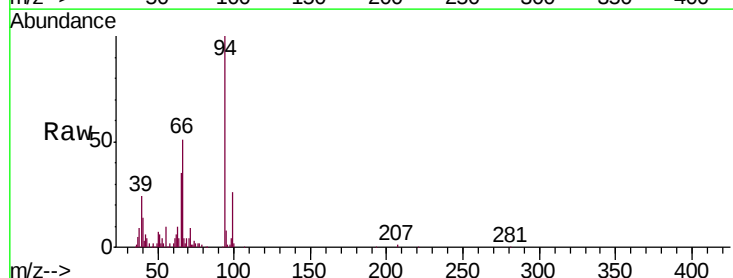
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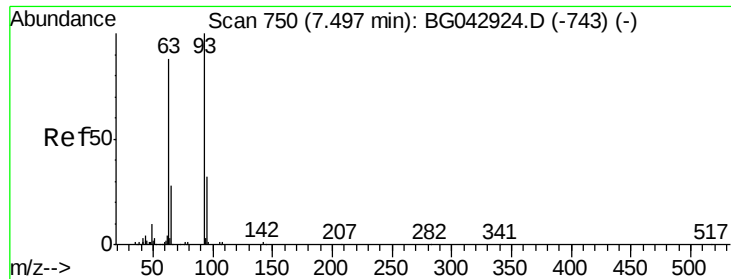
Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Tgt Ion:	94	Resp:	106994
Ion	Ratio	Lower	Upper
94	100		
65	35.0	16.6	56.6
66	50.7	32.4	72.4





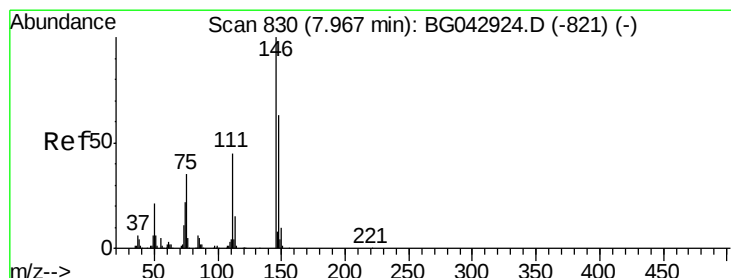
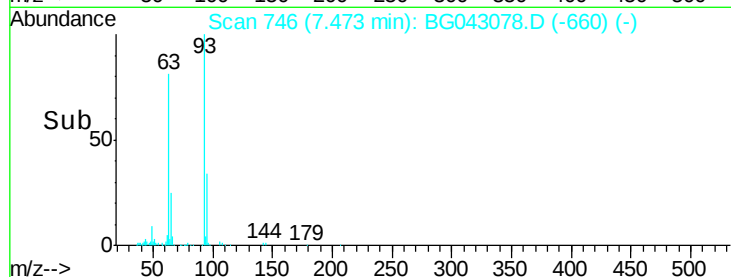
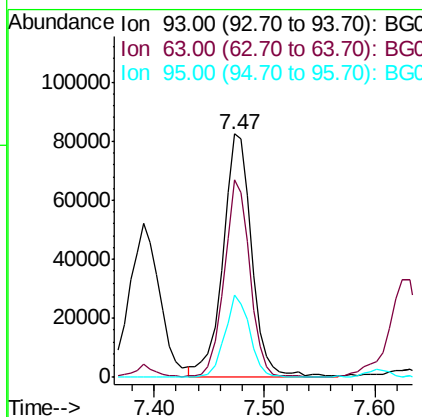
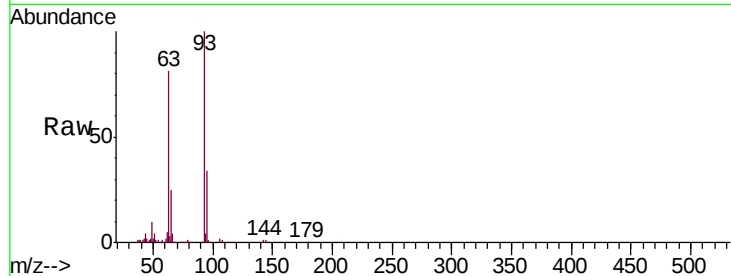
#11
bis(2-Chloroethyl)ether
Concen: 50.901 ng
RT: 7.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
PB123704BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	81.3	67.4	107.4
95	33.9	11.9	51.9

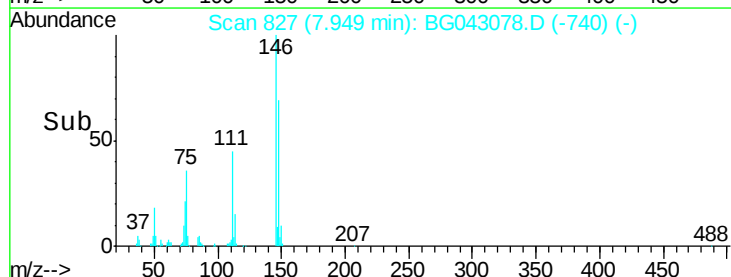
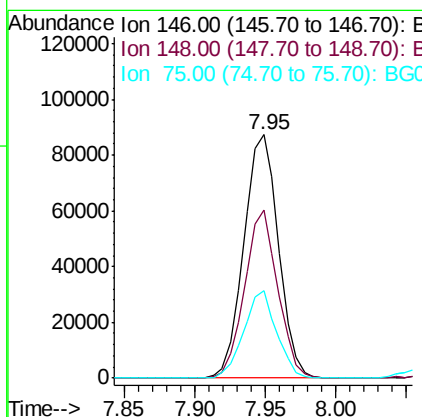
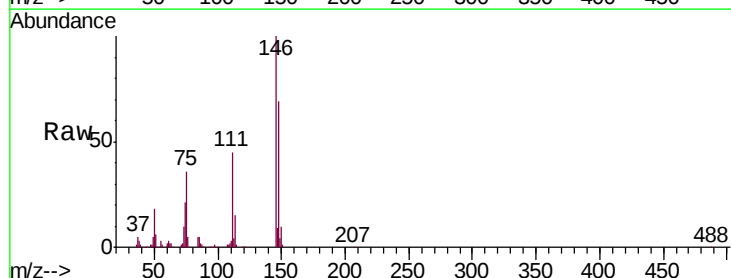
Manual Integrations
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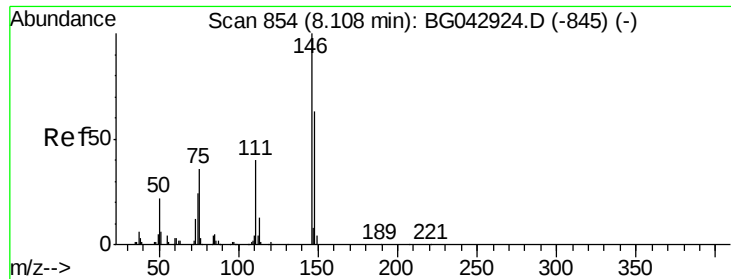
mohammad
10/8/2019 12:22:52 PM



#12
1,3-Dichlorobenzene
Concen: 39.105 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.1	50.7	76.1
75	36.2	27.7	41.5





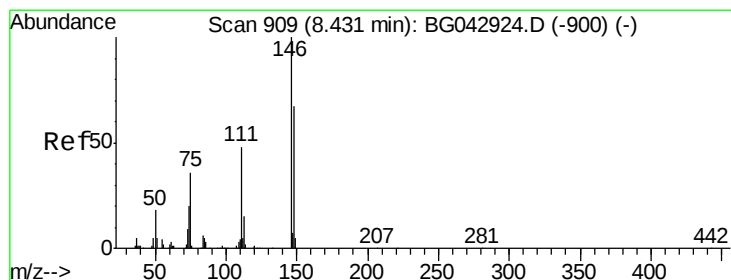
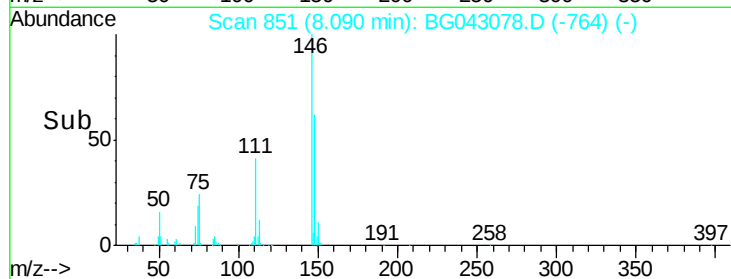
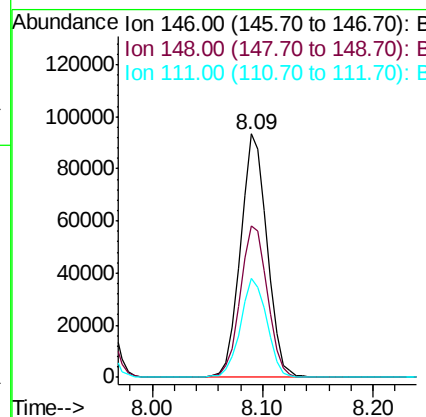
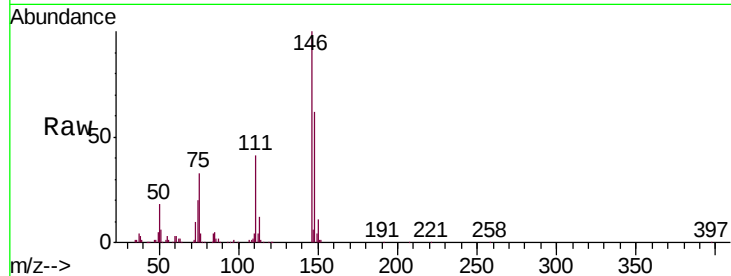
#13
 1,4-Dichlorobenzene
 Concen: 41.367 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Instrument :
 BNA_G
 ClientSampleId :
 PB123704BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	158074		
148	62.0		50.9	76.3
111	40.9		31.8	47.8

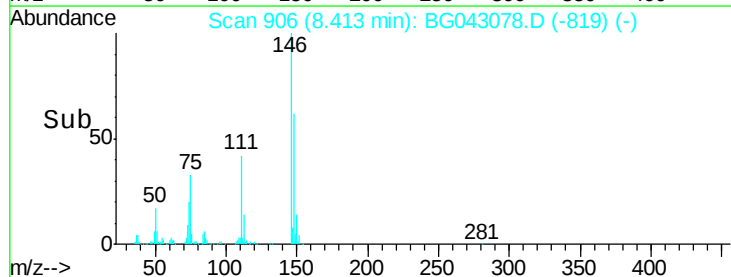
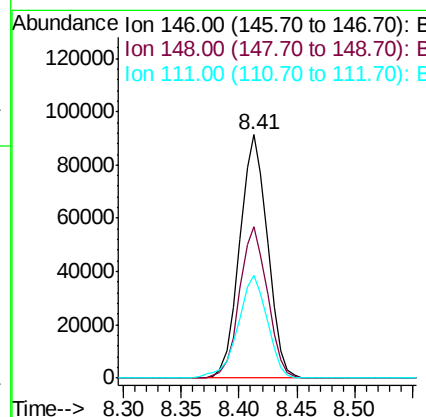
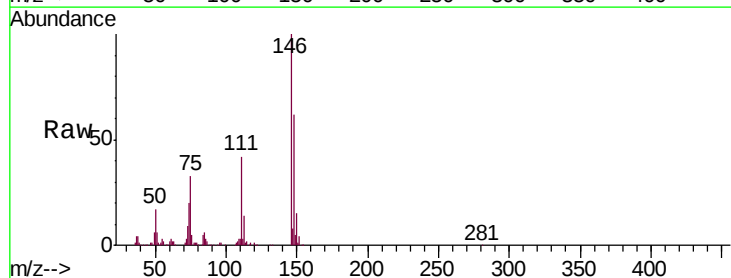
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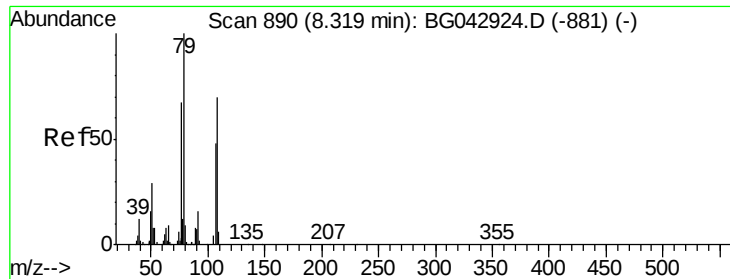
mohammad
 10/8/2019 12:22:52 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.867 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	152315		
148	62.1		53.4	80.2
111	42.2		38.5	57.7





#15

Benzyl Alcohol

Concen: 28.613 ng

RT: 8.30 min Scan# 886

Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Instrument :

BNA_G

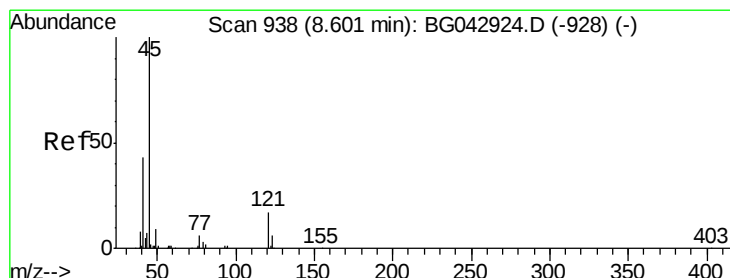
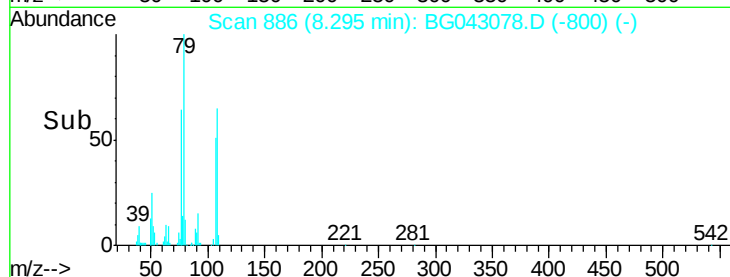
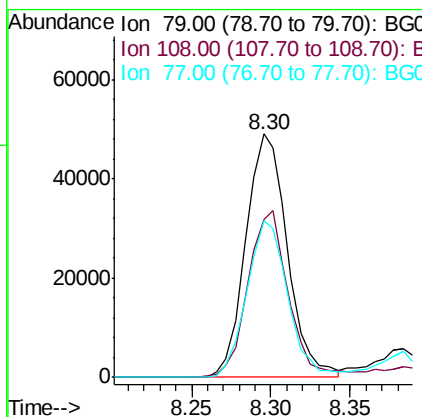
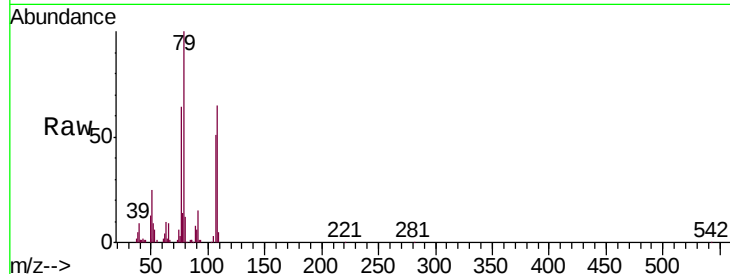
ClientSampleId :

PB123704BS

Tgt Ion:	79	Resp:	89261
Ion Ratio	Lower	Upper	
79	100		
108	64.6	55.7	83.5
77	64.5	53.3	79.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.811 ng

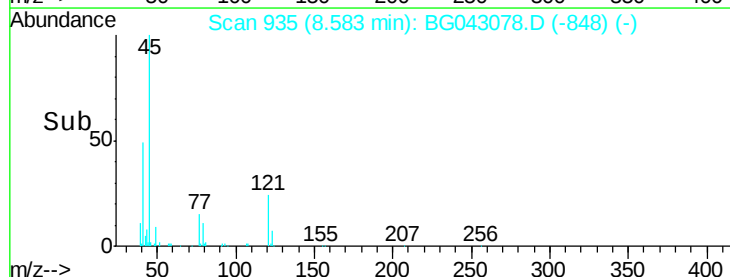
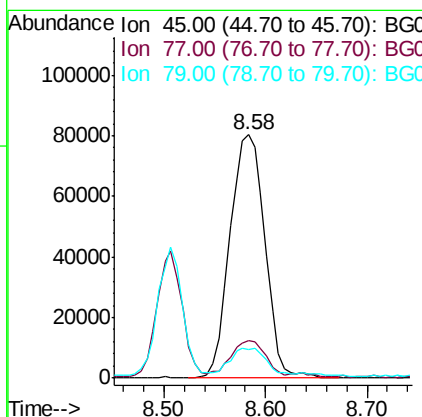
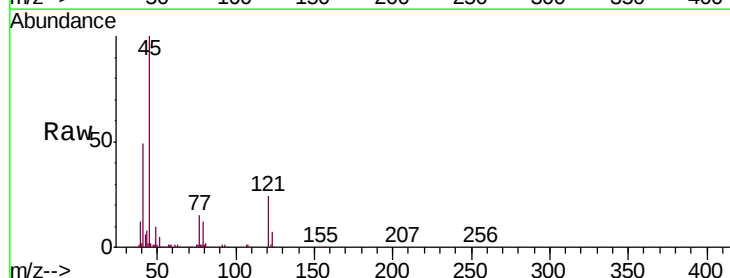
RT: 8.58 min Scan# 935

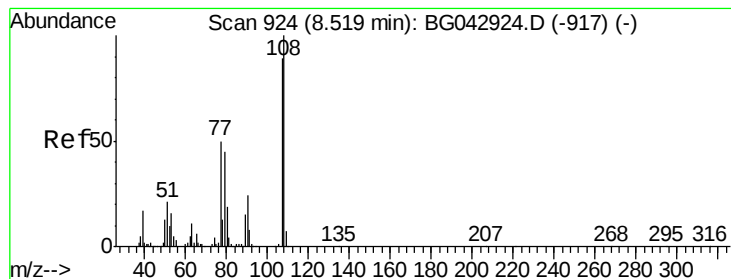
Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Tgt Ion:	45	Resp:	191258
Ion Ratio	Lower	Upper	
45	100		
77	15.4	0.0	32.8
79	11.7	0.0	29.4





#17

2-Methylphenol

Concen: 49.559 ng

RT: 8.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Instrument :

BNA_G

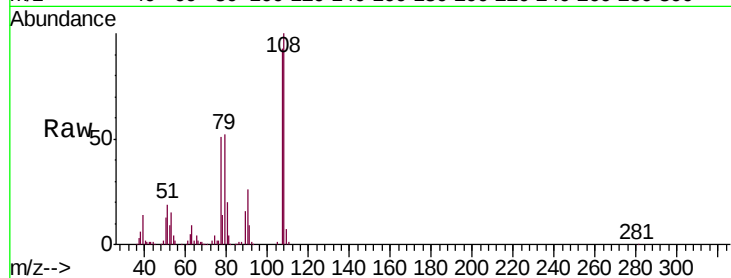
ClientSampleId :

PB123704BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.8	89.9	134.9	
77	54.5	45.4	68.2	
79	55.8	41.4	62.0	

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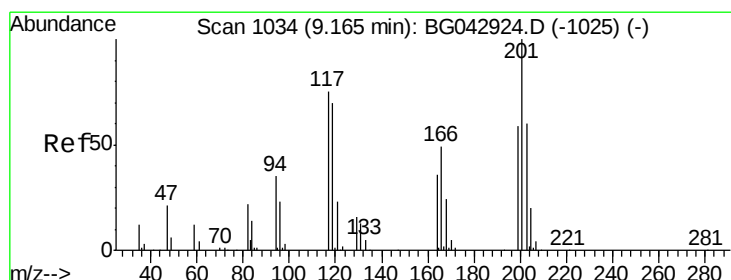
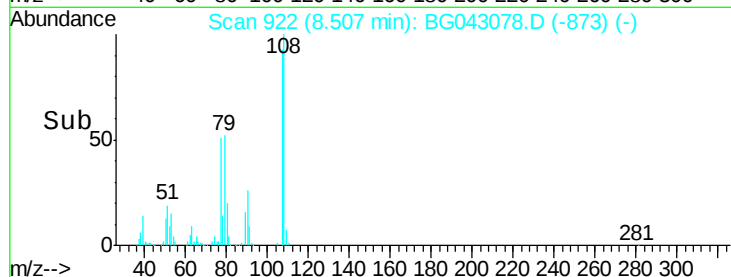
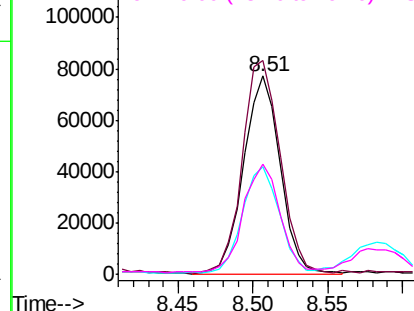
Abundance

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: 38.610 ng

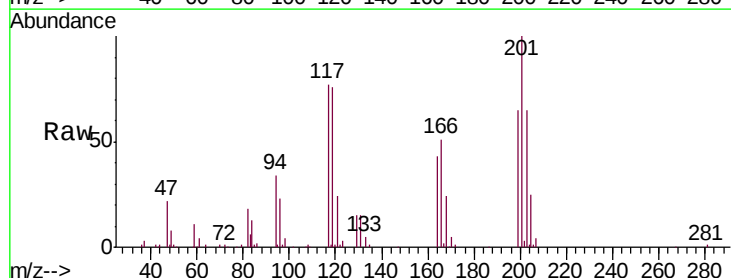
RT: 9.14 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.6	74.6	111.8	
201	129.1	106.0	159.0	

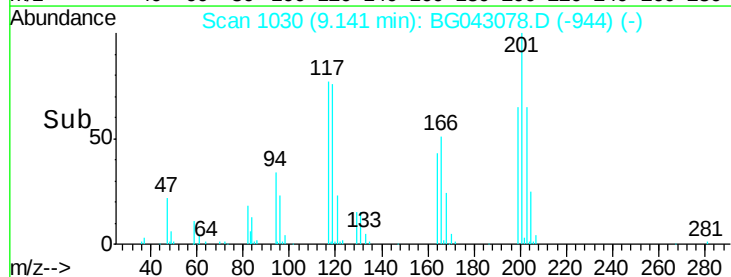
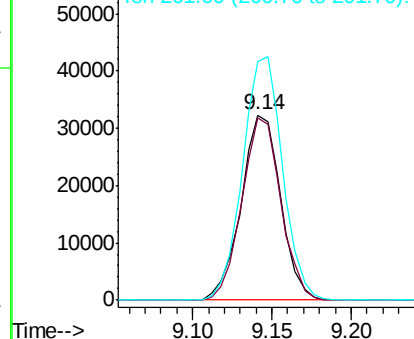


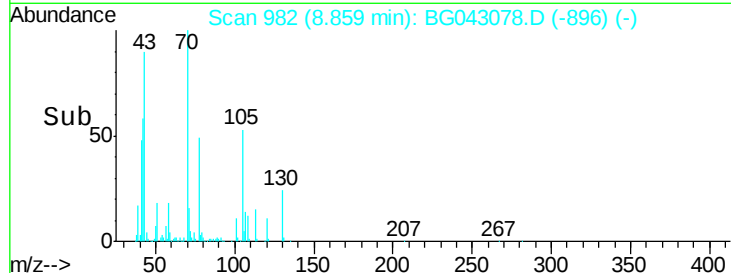
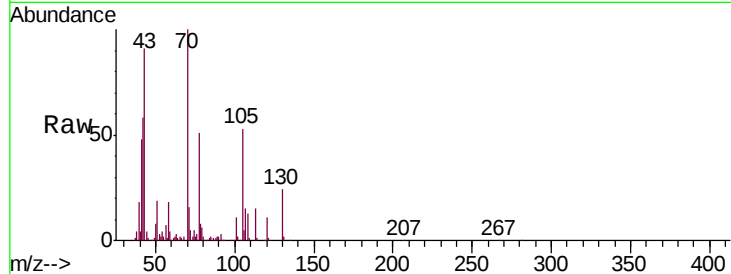
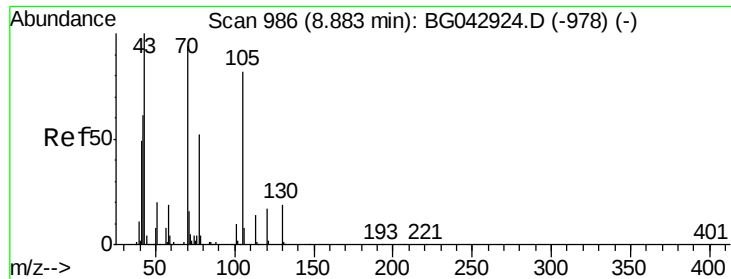
Abundance

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





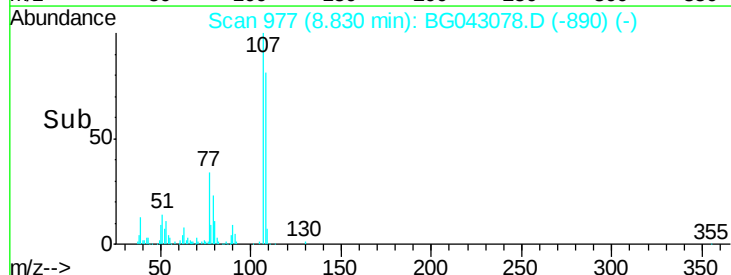
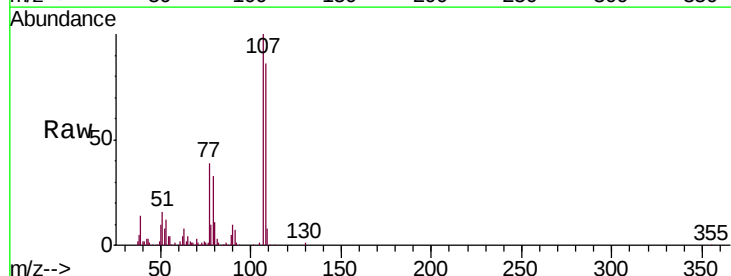
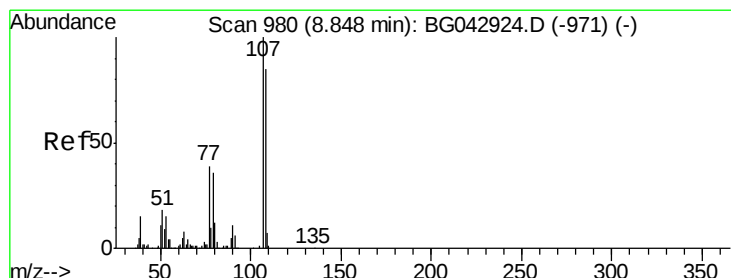
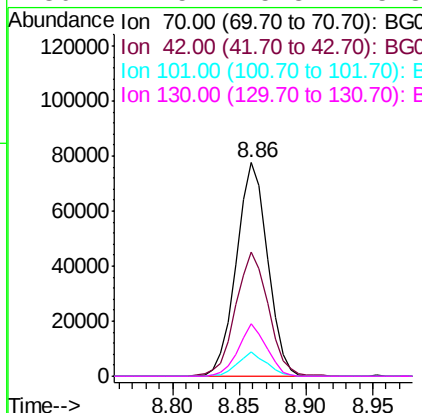
#19
n-Nitroso-di-n-propylamine
Concen: 46.390 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
PB123704BS

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.2	52.6	79.0	
101	11.1	8.7	13.1	
130	24.5	15.8	23.8	

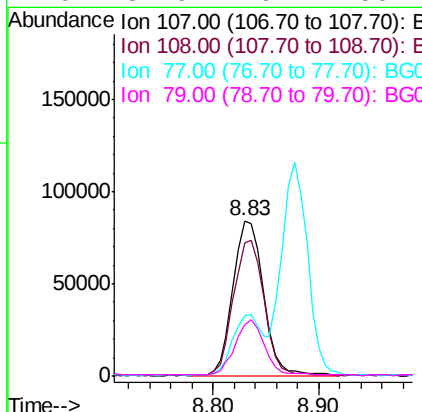
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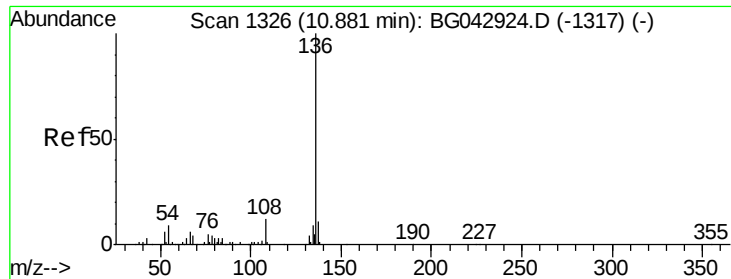
mohammad
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#20
3+4-Methylphenols
Concen: 46.038 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.3	64.9	104.9	
77	38.9	19.4	59.4	
79	32.9	16.2	56.2	





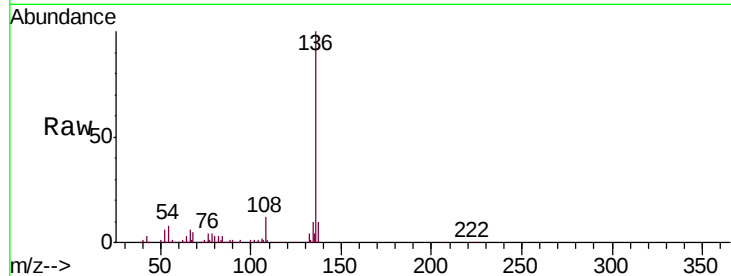
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
PB123704BS

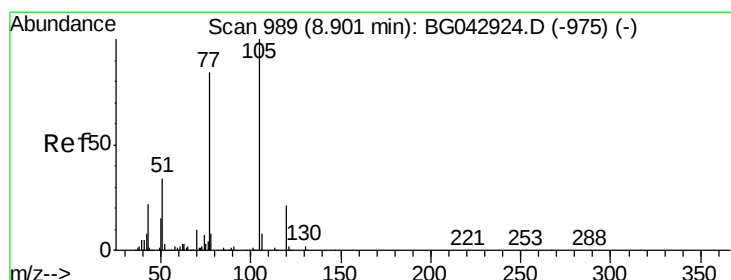
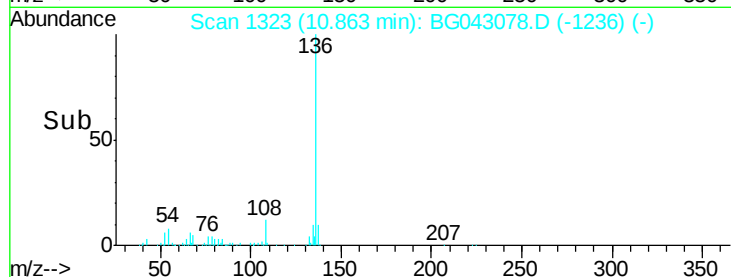
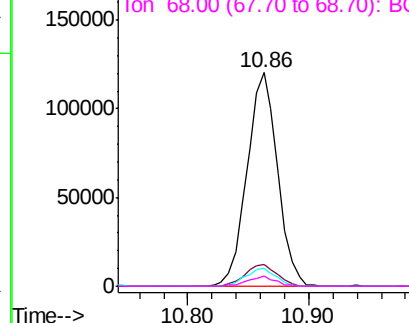
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	211138		
137	10.2	8.5	12.7	
54	8.4	7.4	11.2	
68	4.7	3.6	5.4	

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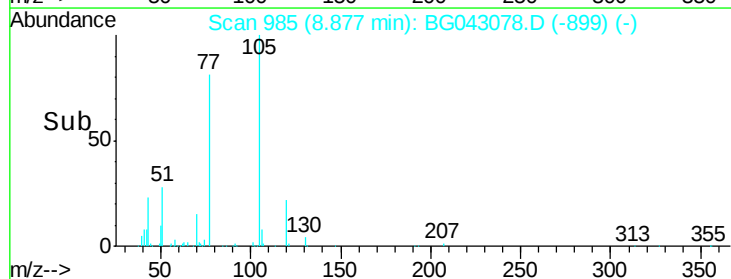
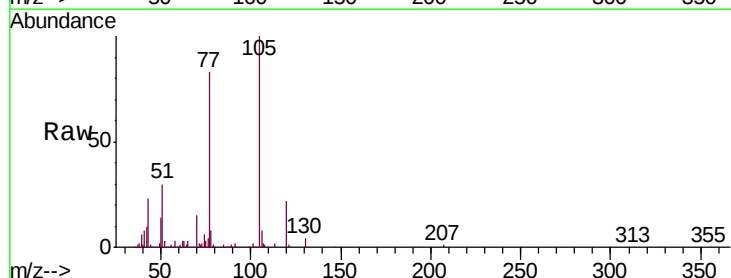
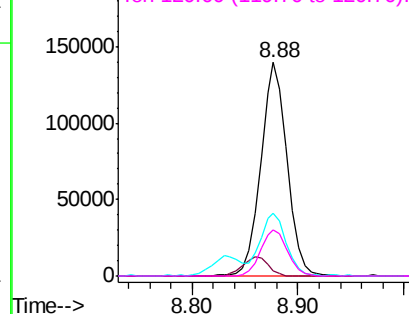
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

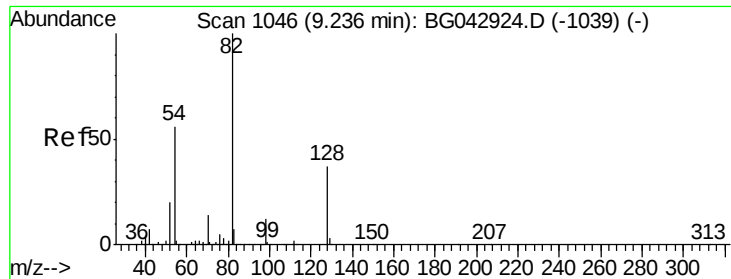


#22
Acetophenone
Concen: 44.466 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	242003		
71	2.3	1.2	1.8#	
51	29.6	27.2	40.8	
120	21.6	16.9	25.3	

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





#23

Nitrobenzene-d5

Concen: 86.637 ng

RT: 9.22 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Instrument :

BNA_G

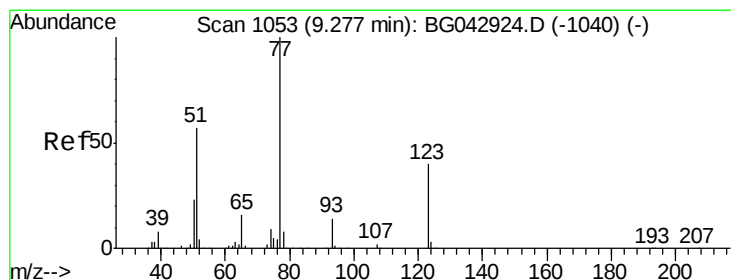
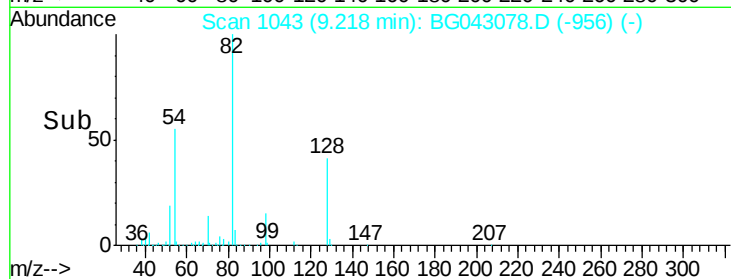
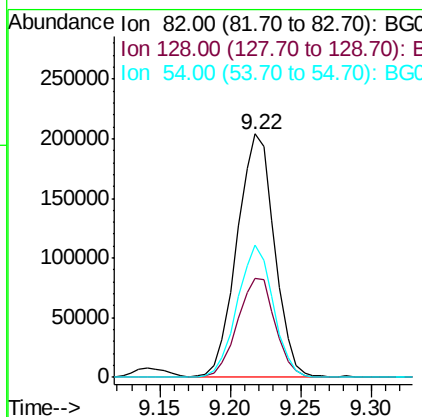
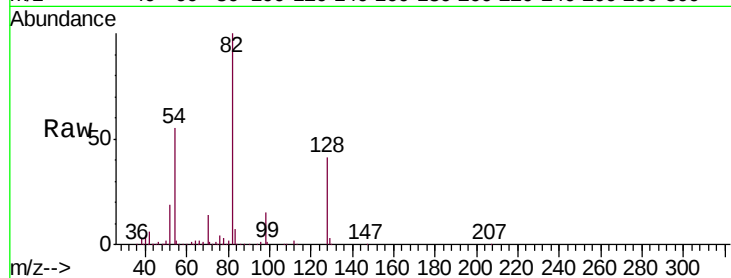
ClientSampled :

PB123704BS

Tgt Ion:	82	Resp:	376347
Ion Ratio	Lower	Upper	
82	100		
128	40.6	29.5	44.3
54	54.6	44.6	67.0

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#24

Nitrobenzene

Concen: 44.430 ng

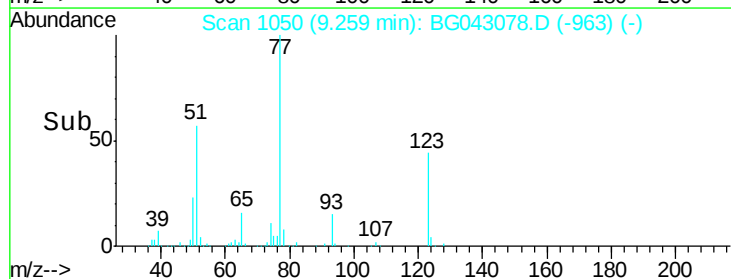
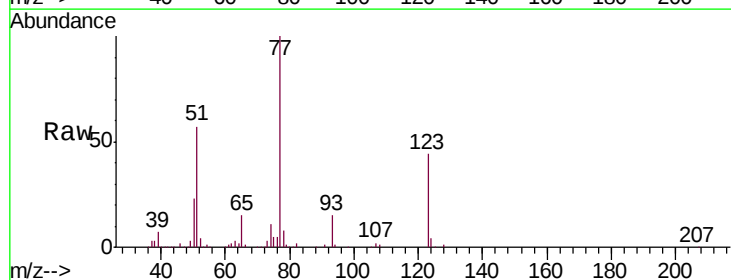
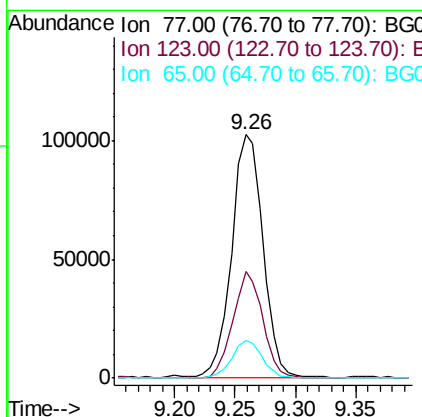
RT: 9.26 min Scan# 1050

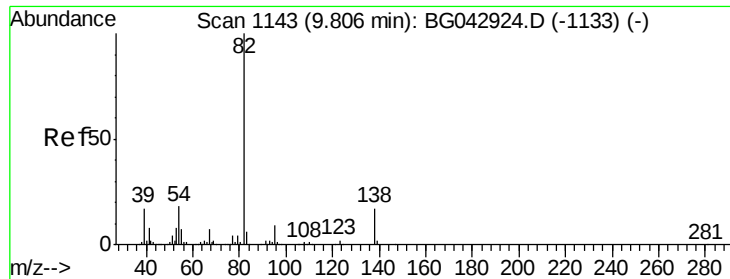
Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Tgt Ion:	77	Resp:	184093
Ion Ratio	Lower	Upper	
77	100		
123	43.8	31.9	47.9
65	15.5	12.4	18.6





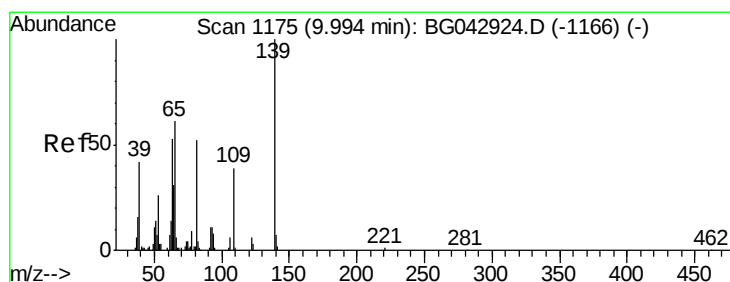
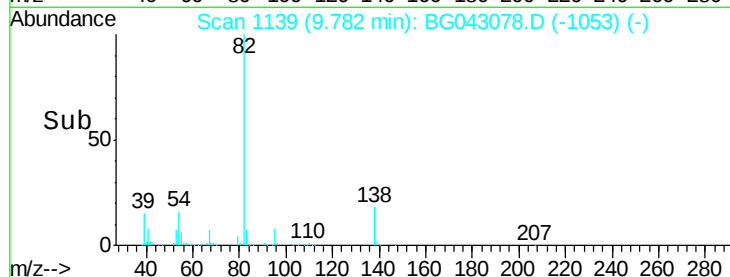
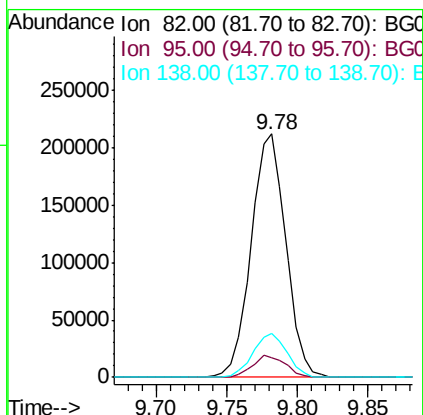
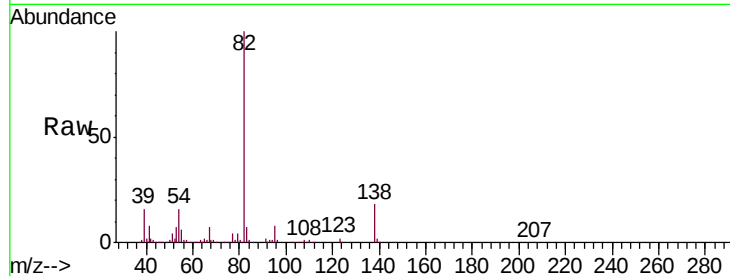
#25
Isophorone
Concen: 47.905 ng
RT: 9.78 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
PB123704BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	365526		
95	8.1	7.0	10.4	
138	17.8	13.8	20.6	

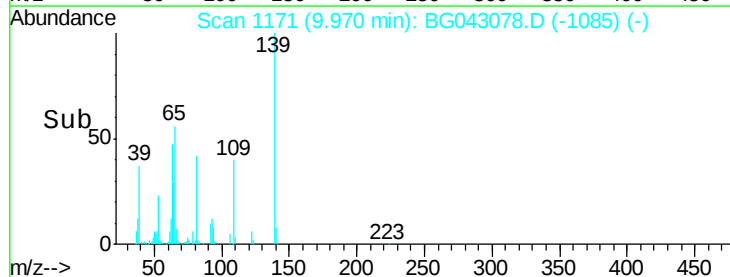
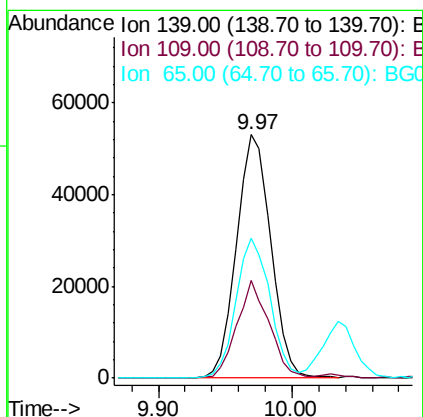
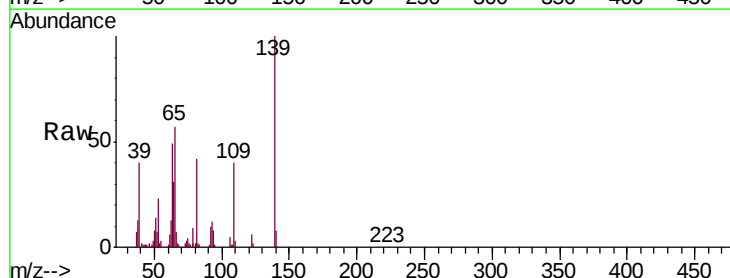
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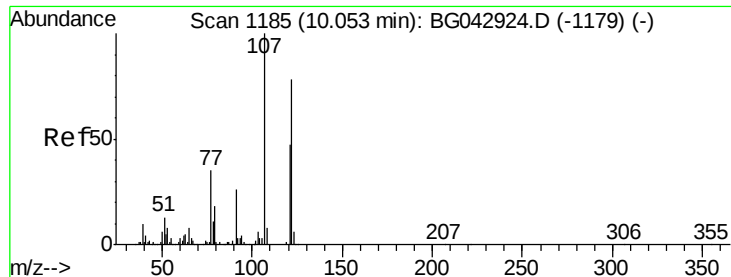
mohammad
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#26
2-Nitrophenol
Concen: 53.706 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	94731		
109	40.3	31.0	46.6	
65	57.3	48.4	72.6	





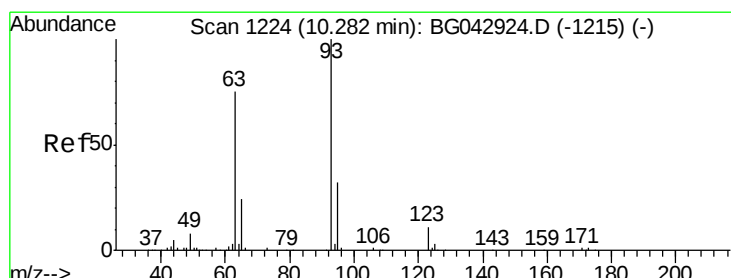
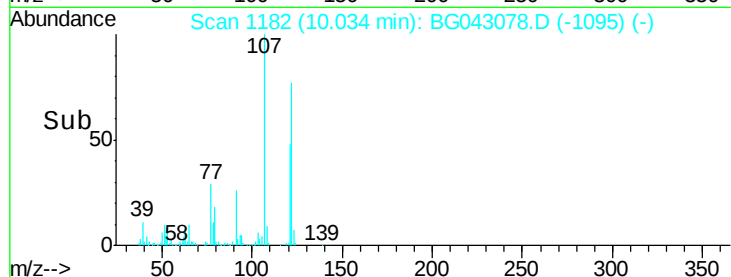
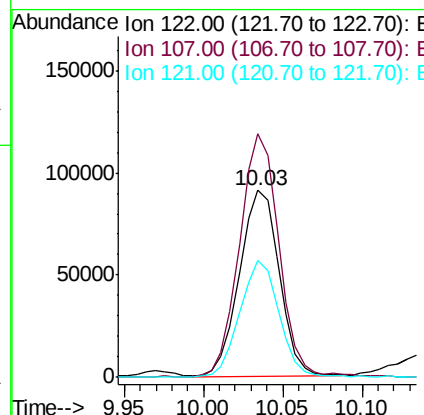
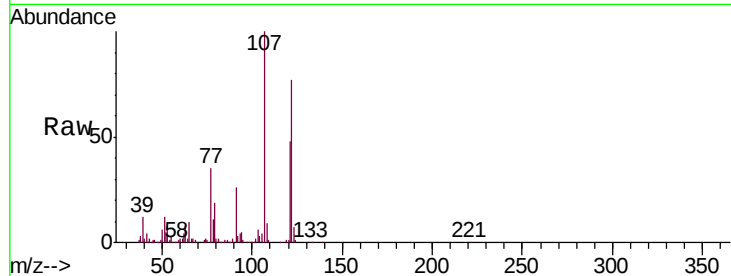
#27
2,4-Dimethylphenol
Concen: 58.914 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
PB123704BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	159587		
107	130.1	102.2	153.2	
121	62.2	48.5	72.7	

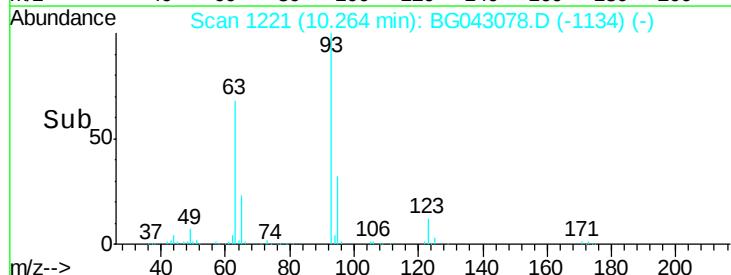
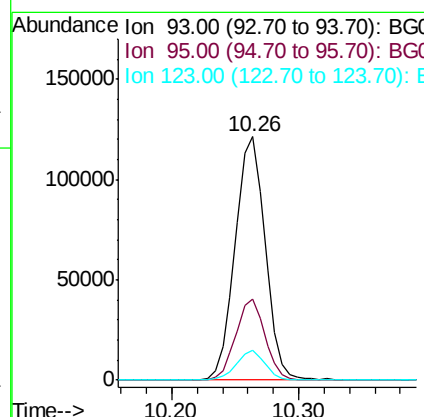
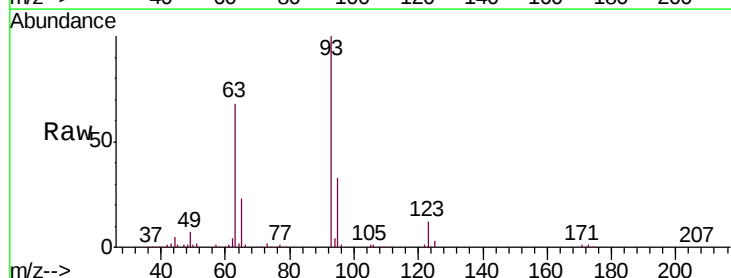
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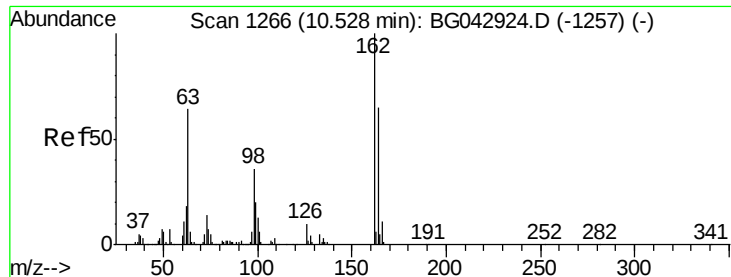
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#28
bis(2-Chloroethoxy)methane
Concen: 46.016 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	199213		
95	33.0	25.4	38.0	
123	12.4	9.3	13.9	





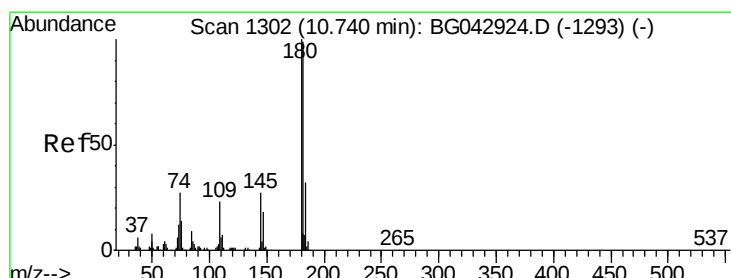
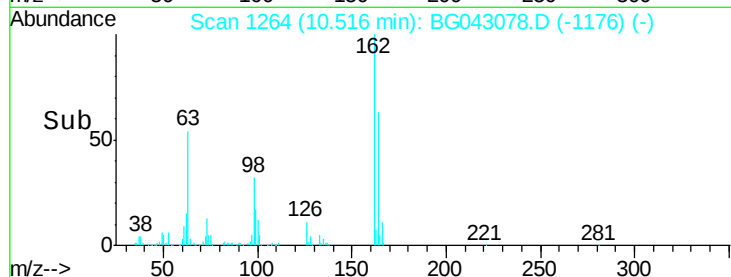
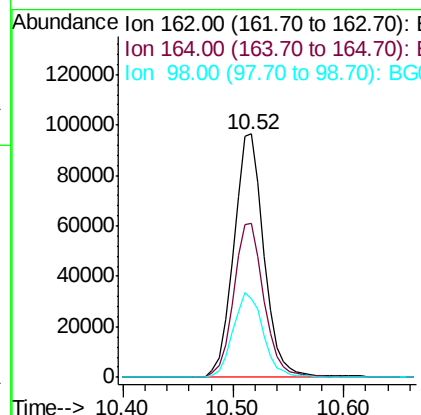
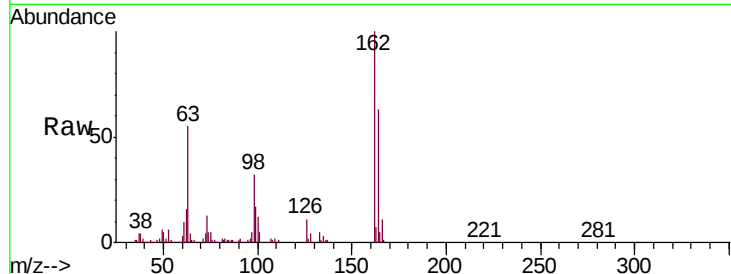
#29
 2,4-Dichlorophenol
 Concen: 54.948 ng
 RT: 10.52 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Instrument :
 BNA_G
 ClientSampleId :
 PB123704BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	185116		
164	63.5	44.7	84.7	
98	32.3	16.0	56.0	

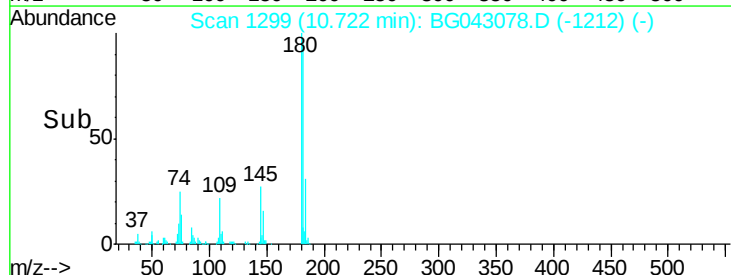
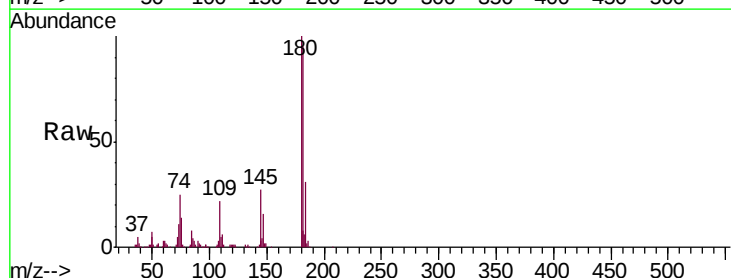
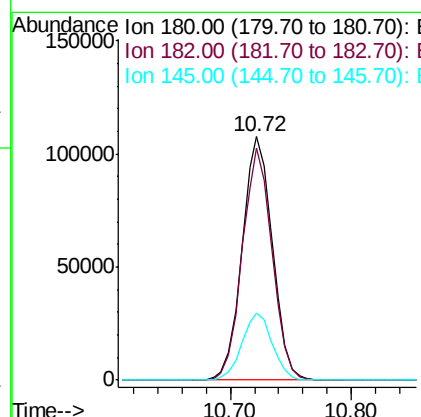
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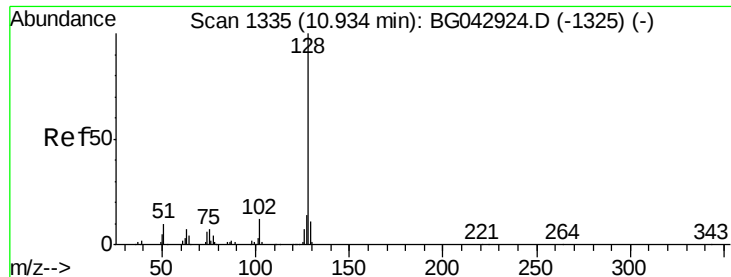
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.121 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	187600		
182	95.4	79.3	118.9	
145	27.3	22.0	33.0	





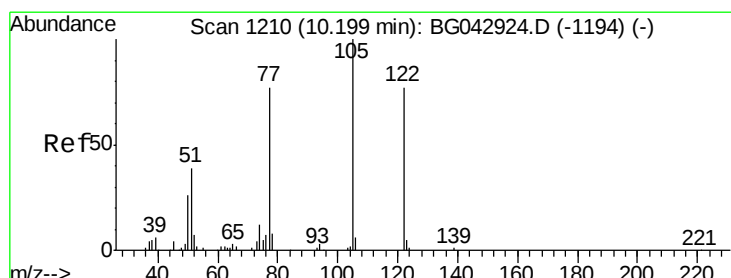
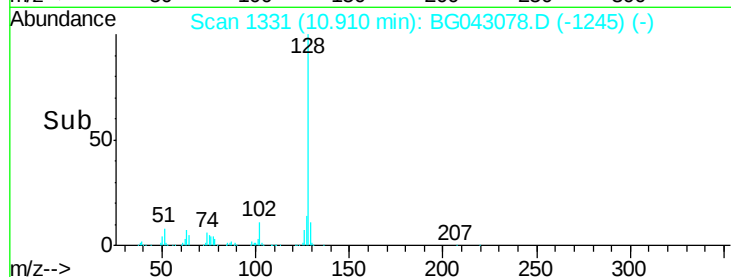
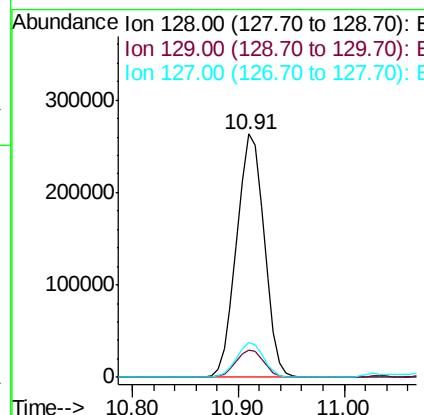
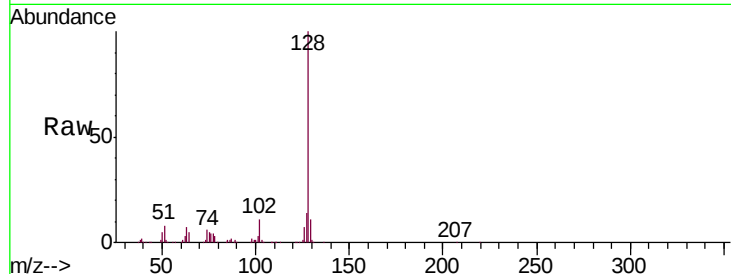
#31
Naphthalene
Concen: 45.757 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
PB123704BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	475579		
129	11.2	8.8	13.2	
127	14.2	11.3	16.9	

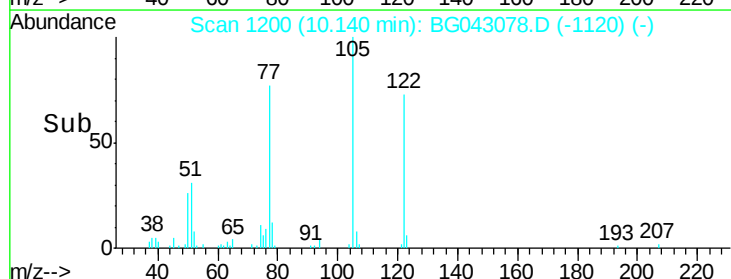
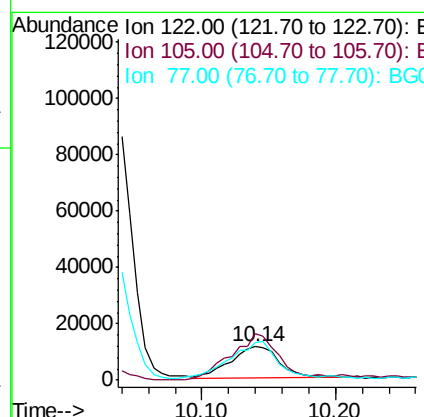
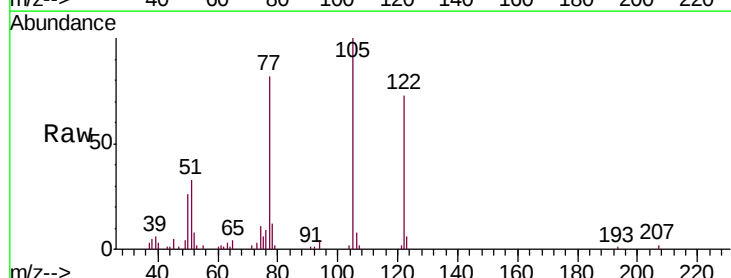
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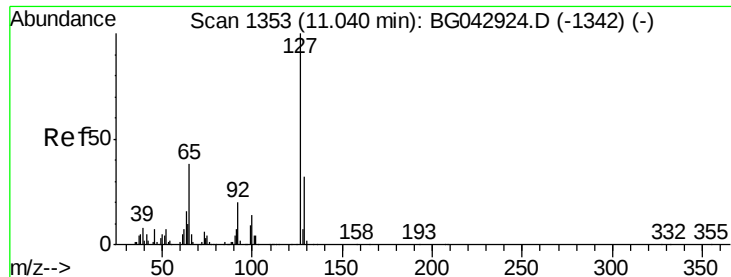
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#32
Benzoic acid
Concen: 17.121 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.06 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	28991		
105	137.7	107.5	147.5	
77	112.3	79.8	119.8	





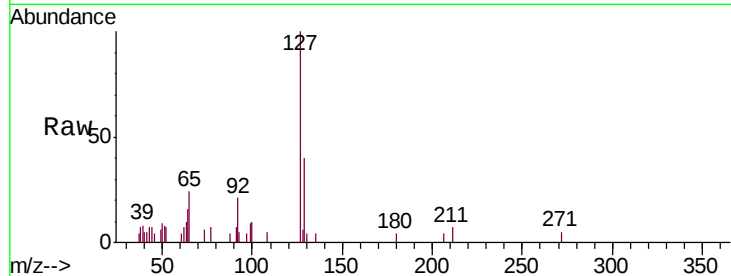
#33
4-Chloroaniline
Concen: 4.172 ng m
RT: 11.07 min Scan# 1358
Delta R.T. 0.03 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
PB123704BS

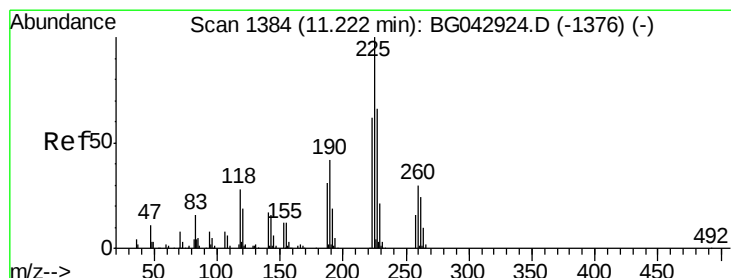
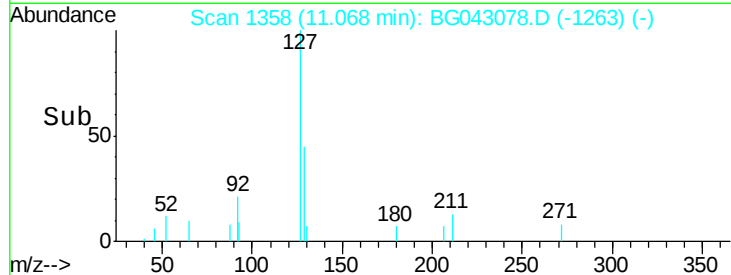
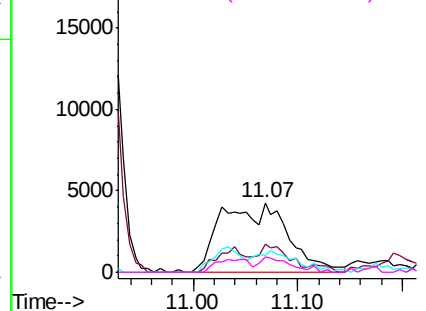
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	18814		
129	40.2	26.2	39.2#	
65	23.6	30.6	45.8#	
92	21.3	16.2	24.4	

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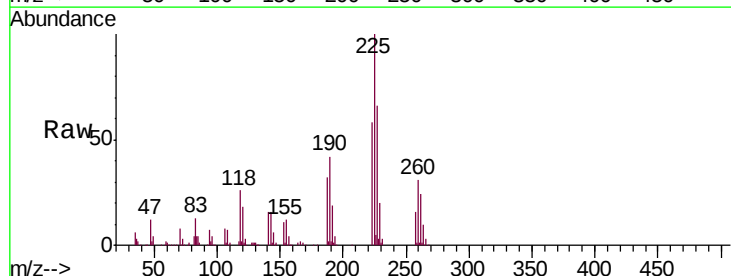


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

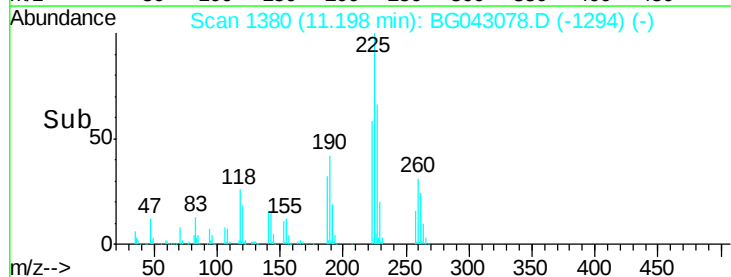
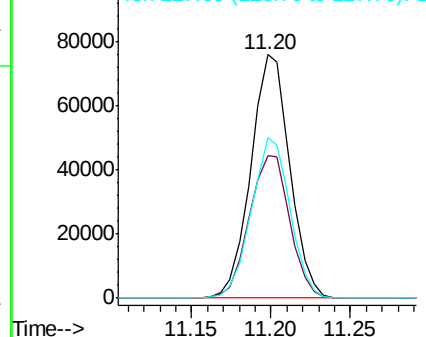


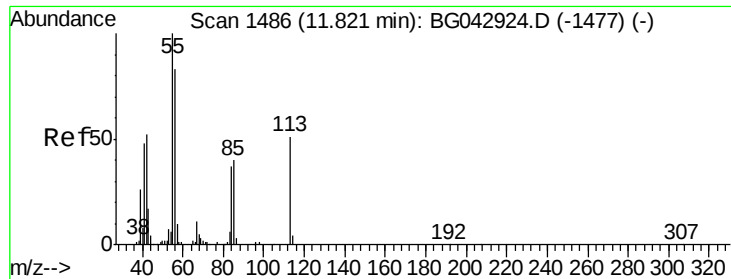
#34
Hexachlorobutadiene
Concen: 39.606 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	129016		
223	58.3	49.3	73.9	
227	65.8	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





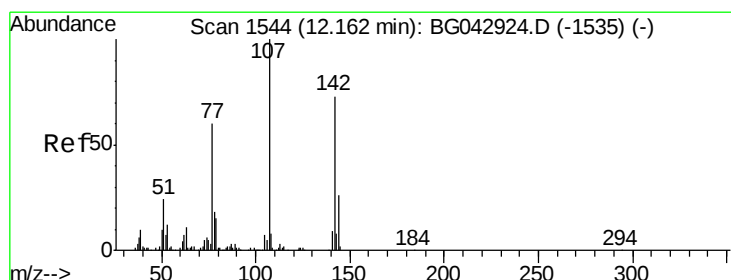
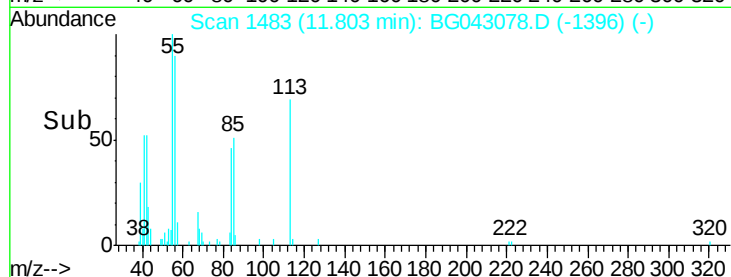
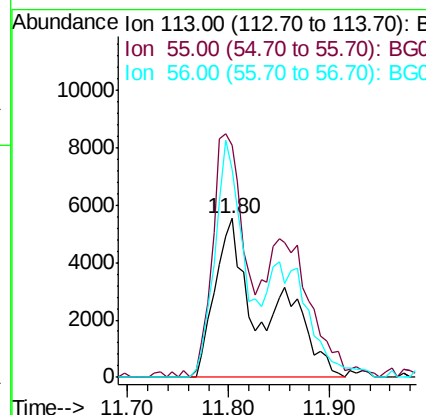
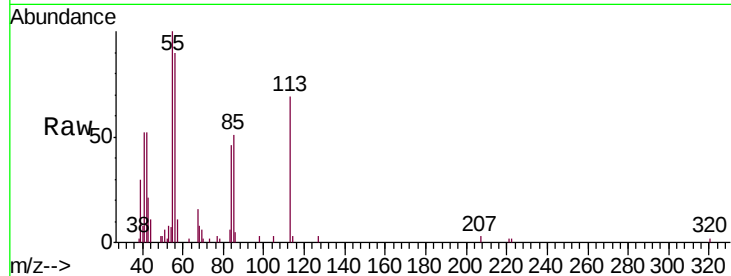
#35
 Caprolactam
 Concen: 16.280 ng m
 RT: 11.80 min Scan# 1483
 Delta R.T. -0.02 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Instrument :
 BNA_G
 ClientSampleId :
 PB123704BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	145.9	175.5	215.5#
56	130.7	142.3	182.3#

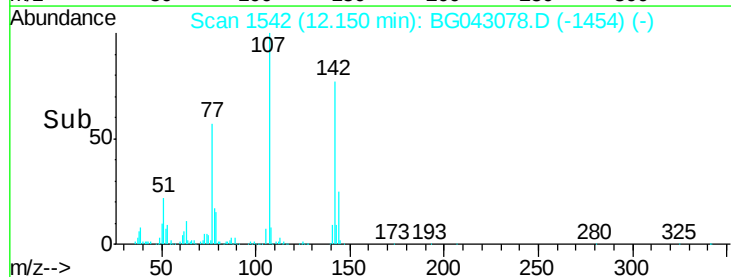
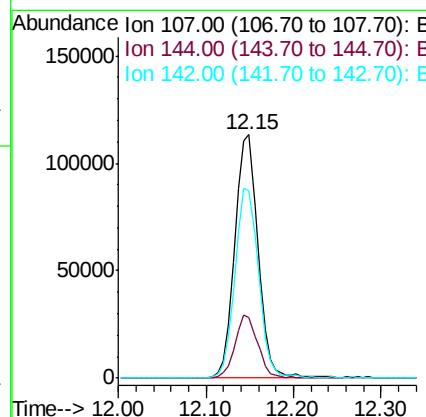
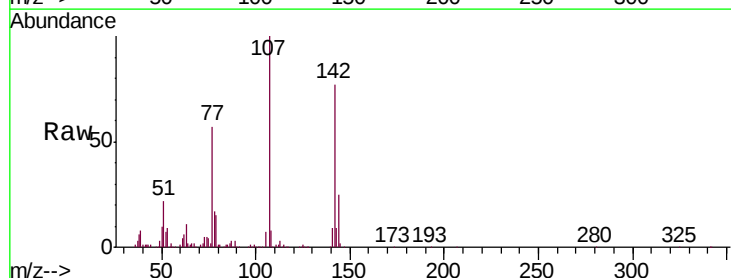
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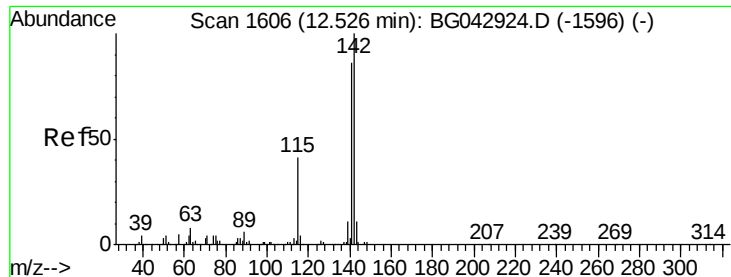
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#36
 4-Chloro-3-methylphenol
 Concen: 55.619 ng
 RT: 12.15 min Scan# 1542
 Delta R.T. -0.01 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	20.7	31.1
142	76.7	58.6	87.8





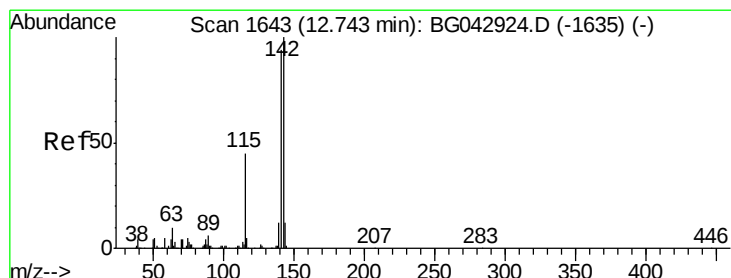
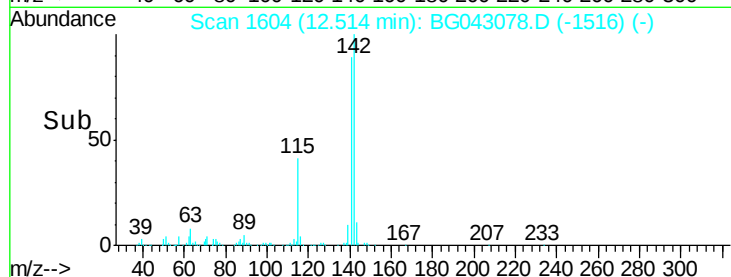
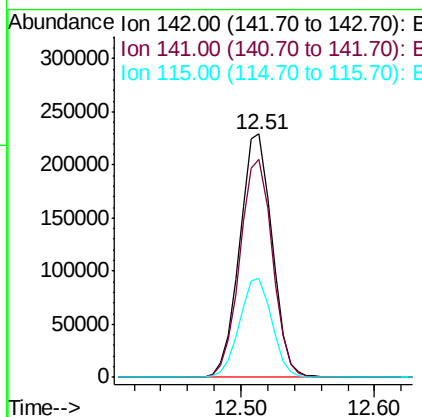
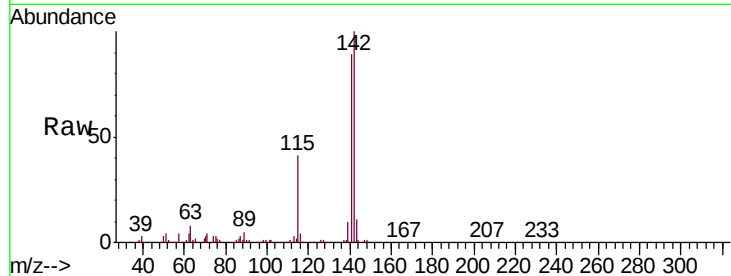
#37
2-Methylnaphthalene
Concen: 48.565 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
PB123704BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	385069		
141	89.4	69.0	103.4	
115	40.8	32.8	49.2	

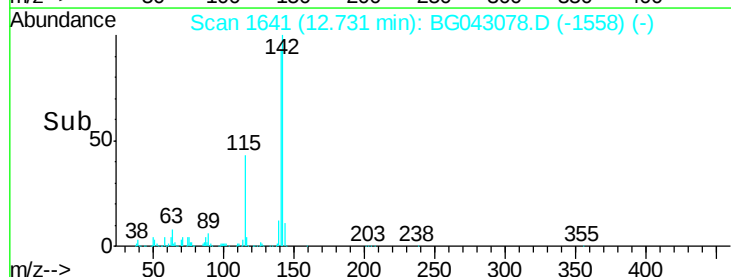
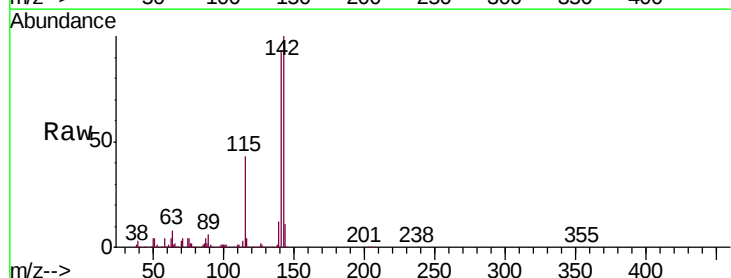
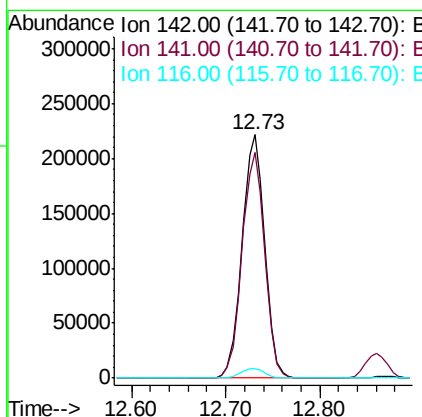
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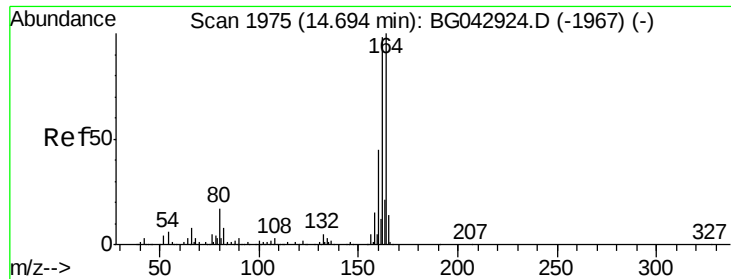
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#38
1-Methylnaphthalene
Concen: 49.010 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	367704		
141	92.9	74.9	112.3	
116	3.8	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: BG043078.D

Acq: 7 Oct 2019 21:44

Instrument :

BNA_G

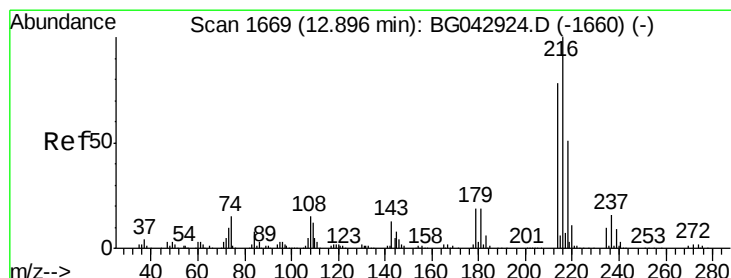
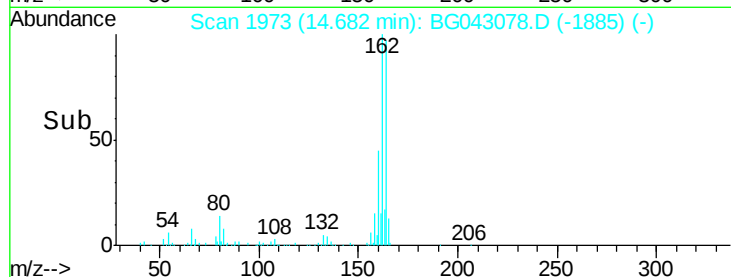
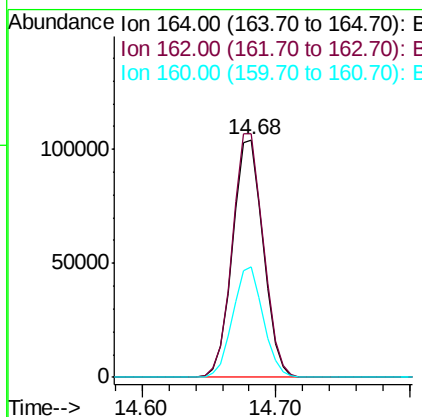
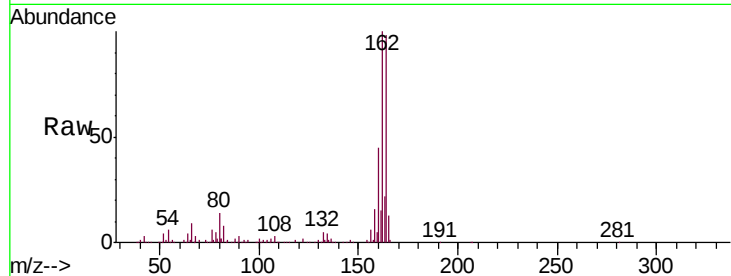
ClientSampleId :

PB123704BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	166453		
162	102.4	78.5	117.7	
160	46.5	35.9	53.9	

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.550 ng

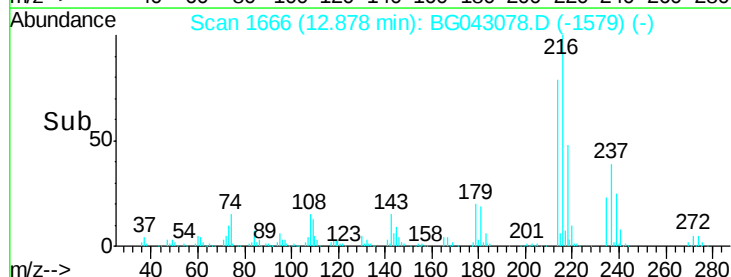
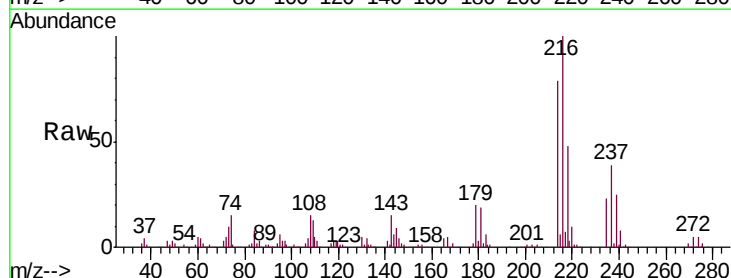
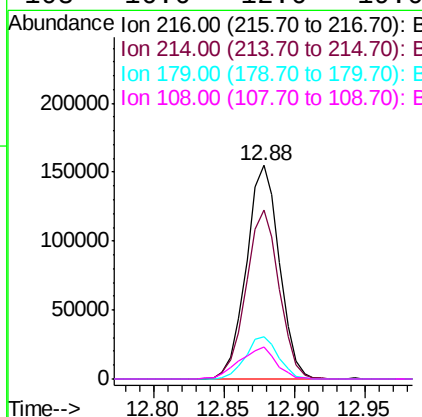
RT: 12.88 min Scan# 1666

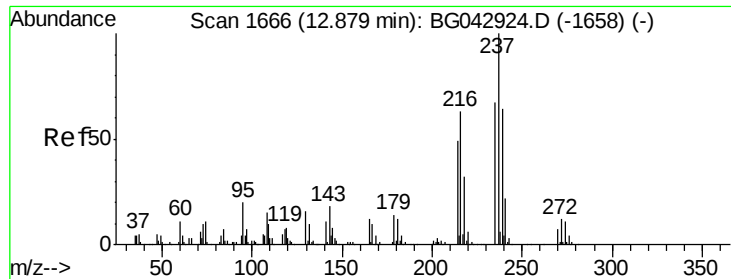
Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	253780		
214	79.2	62.4	93.6	
179	19.8	15.4	23.2	
108	16.6	12.6	19.0	





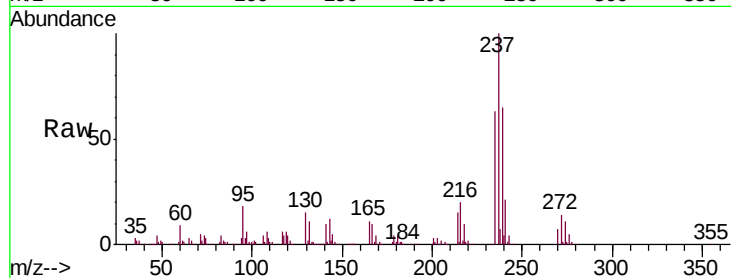
#41
Hexachlorocyclopentadiene
Concen: 88.199 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
PB123704BS

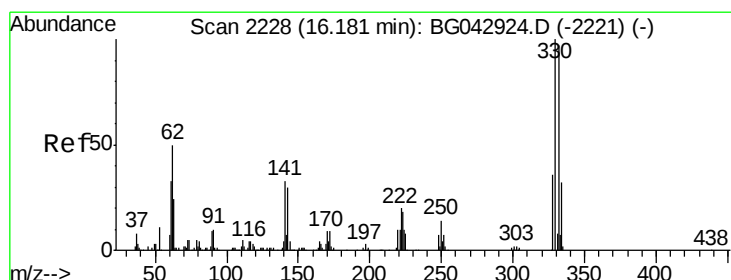
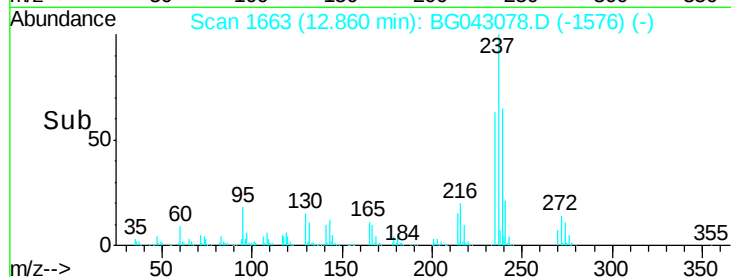
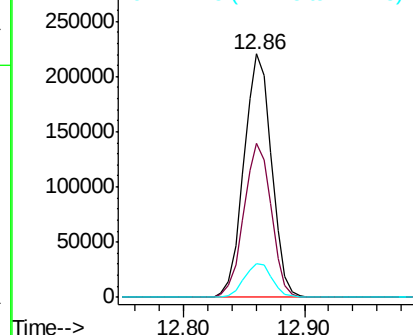
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.4	46.7	86.7
272	13.7	0.0	32.3

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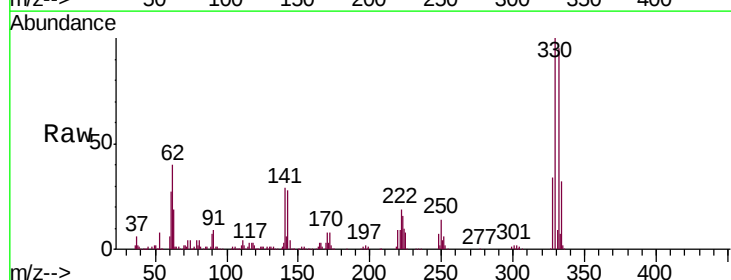


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

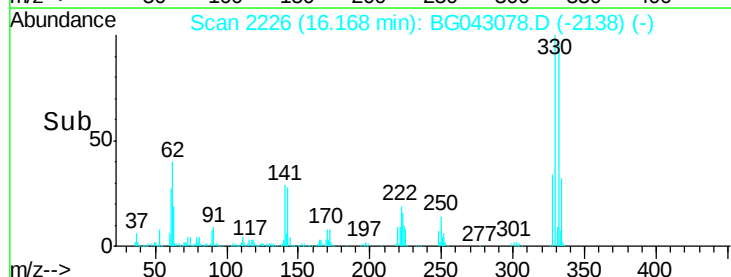
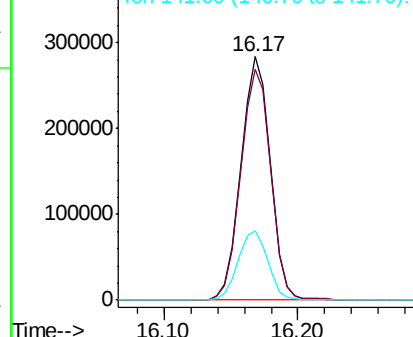


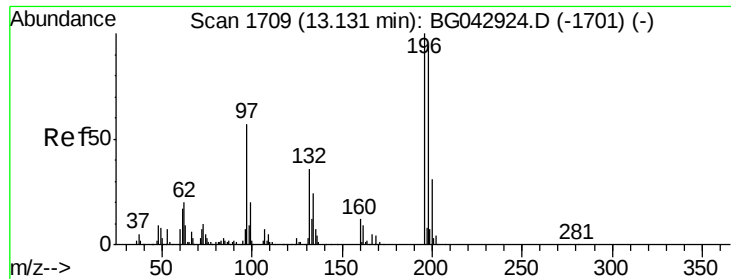
#42
2,4,6-Tribromophenol
Concen: 150.469 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.0	78.2	117.2
141	29.1	26.0	39.0



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





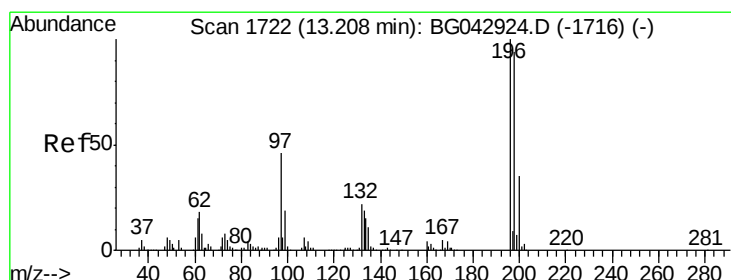
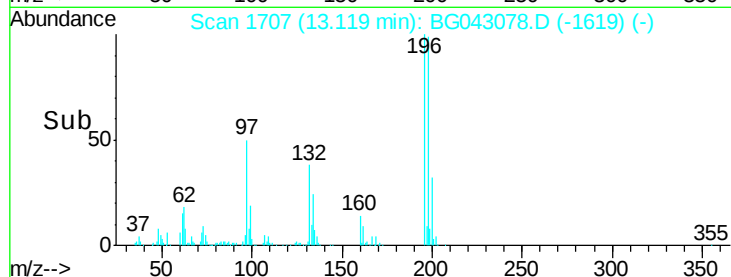
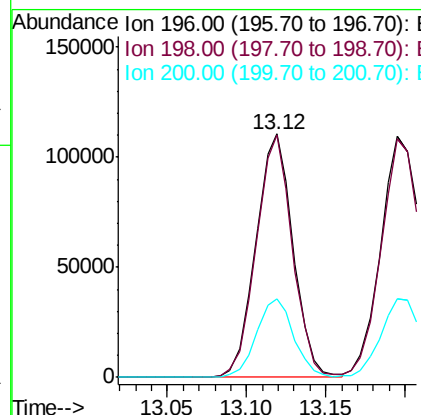
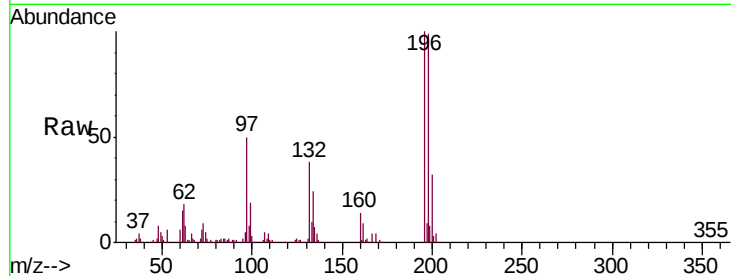
#43
 2,4,6-Trichlorophenol
 Concen: 49.139 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Instrument :
 BNA_G
 ClientSampleId :
 PB123704BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	180001		
198	99.4	75.5	113.3	
200	32.1	24.9	37.3	

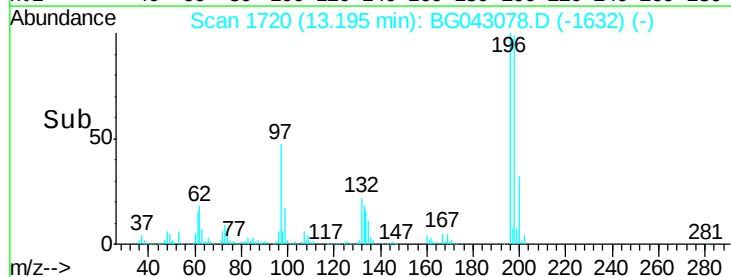
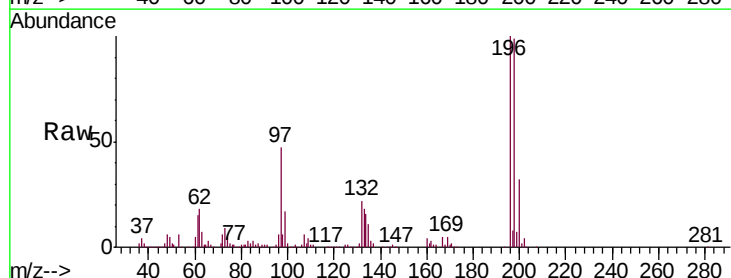
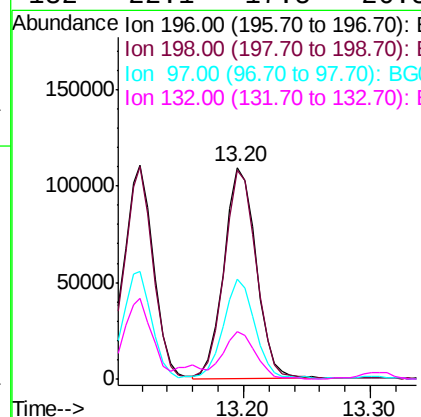
Manual Integrations
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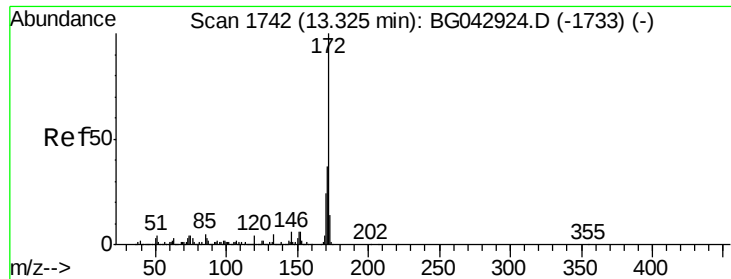
mohammad
 10/8/2019 12:22:52 PM



#44
 2,4,5-Trichlorophenol
 Concen: 51.241 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	193363		
198	98.6	75.1	112.7	
97	46.9	37.0	55.4	
132	22.1	17.5	26.3	





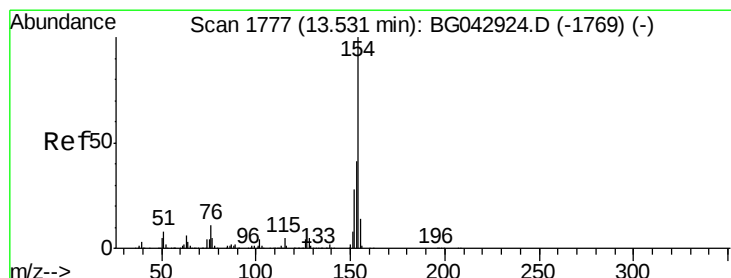
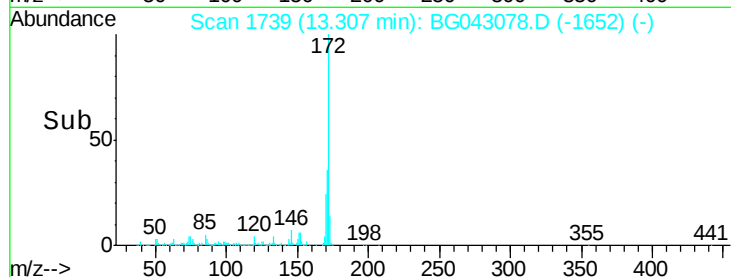
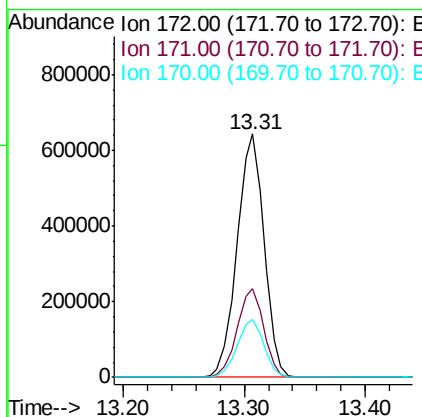
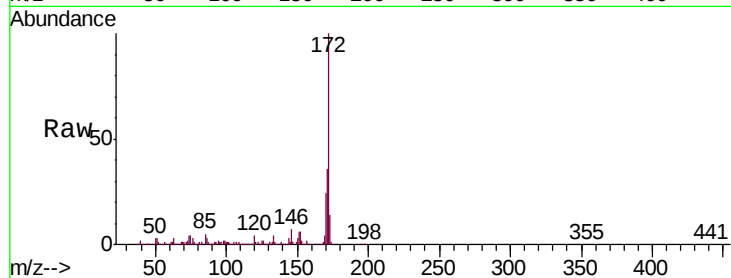
#45
2-Fluorobiphenyl
Concen: 87.356 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
PB123704BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.6	19.6	29.4

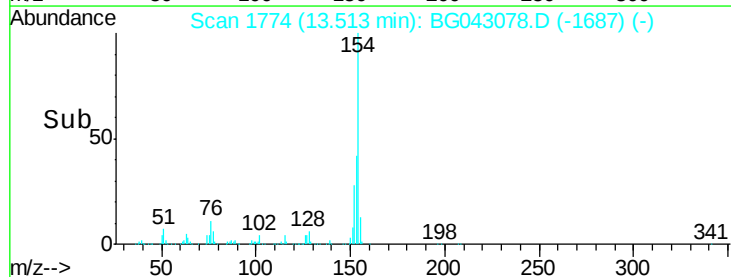
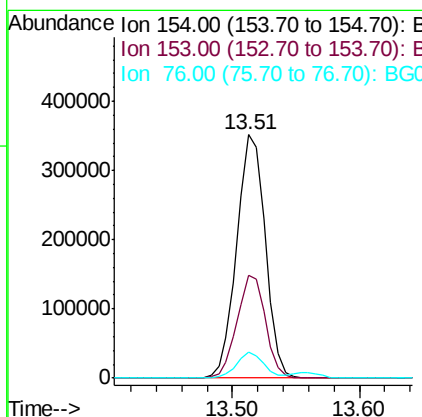
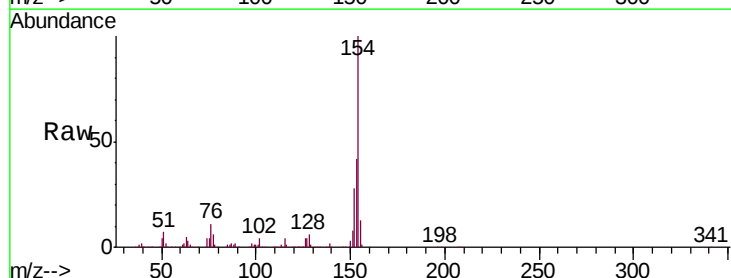
Manual Integrations
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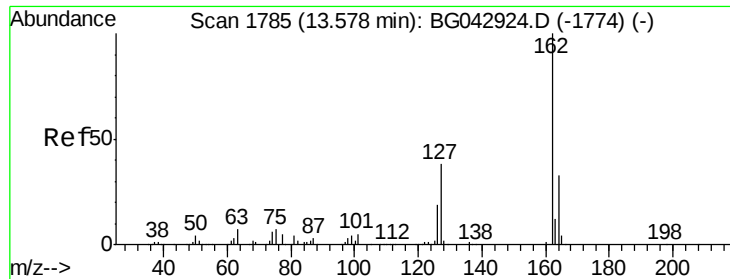
mohammad
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#46
1,1'-Biphenyl
Concen: 43.457 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	21.4	61.4
76	10.9	0.0	31.3





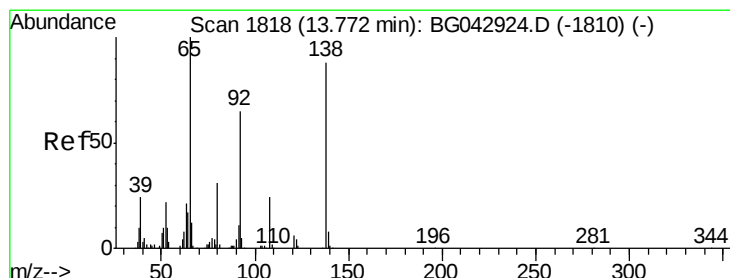
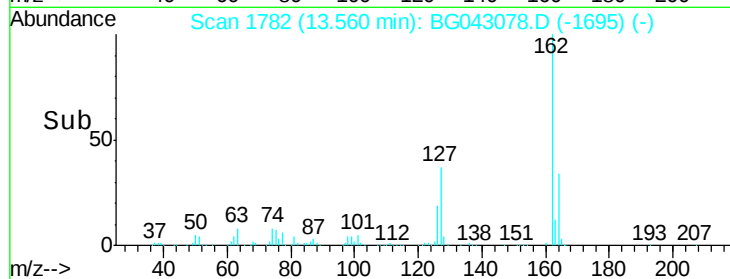
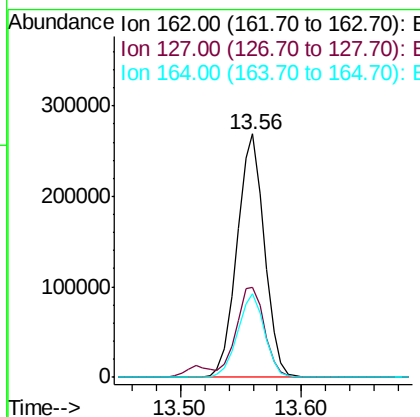
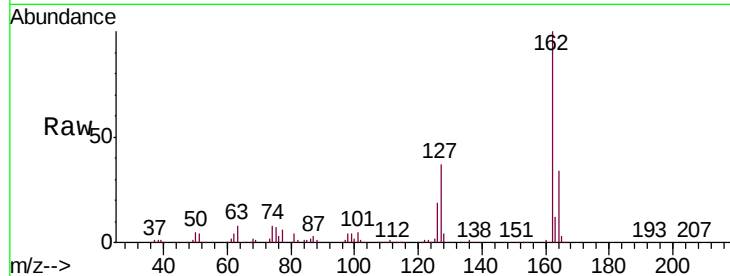
#47
2-Chloronaphthalene
Concen: 44.820 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
PB123704BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	424178		
127	37.1	31.0	46.6	
164	34.4	26.2	39.2	

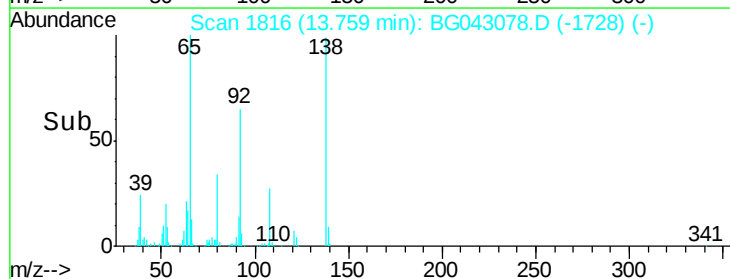
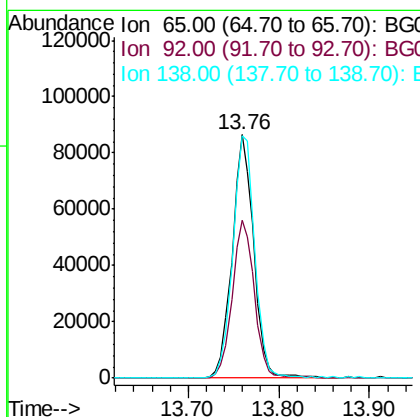
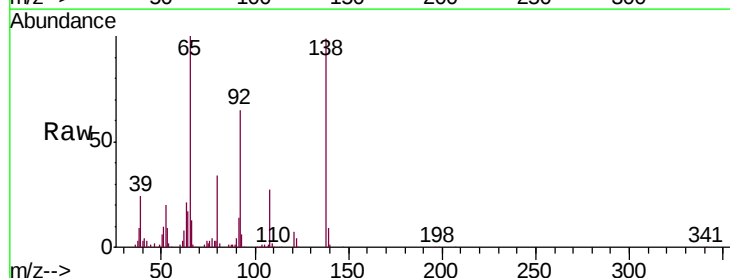
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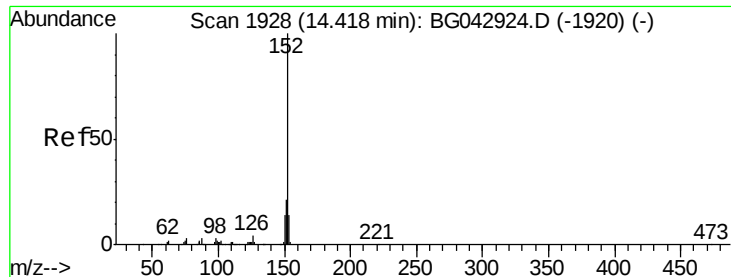
mohammad
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#48
2-Nitroaniline
Concen: 45.644 ng
RT: 13.76 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	143651		
92	64.6	52.0	78.0	
138	99.3	70.4	105.6	





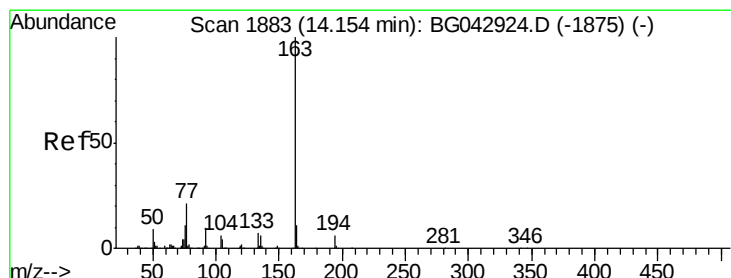
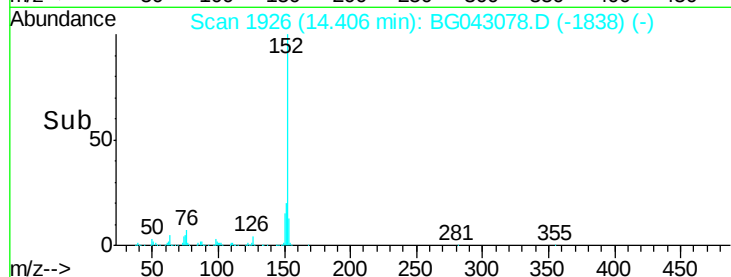
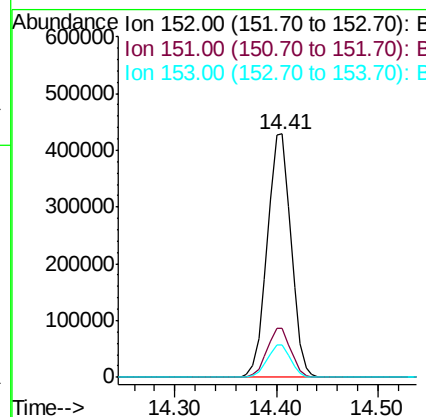
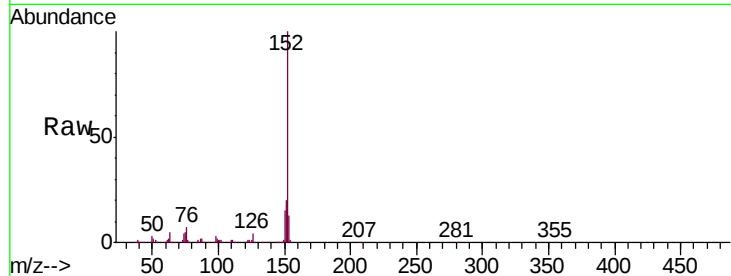
#49
Acenaphthylene
Concen: 48.324 ng
RT: 14.41 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
PB123704BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	699801		
151	20.3	16.8	25.2	
153	13.4	11.3	16.9	

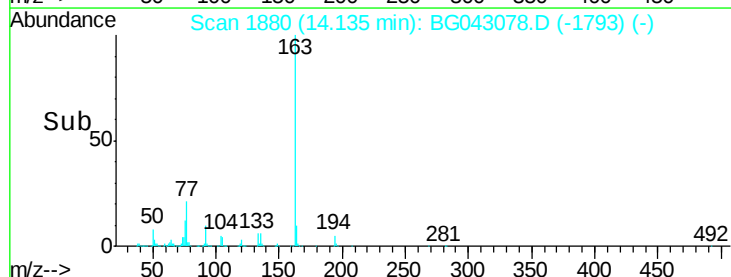
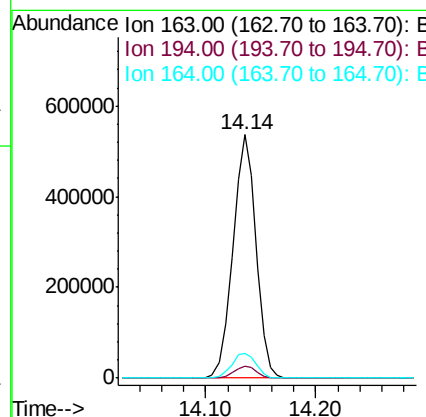
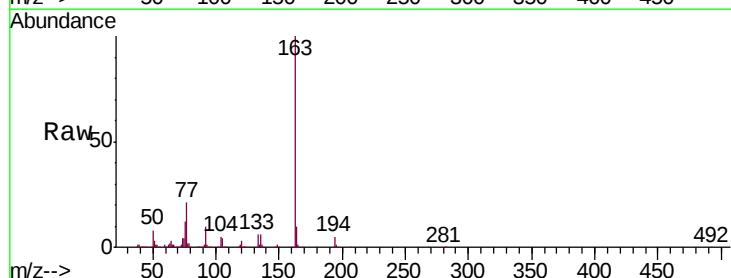
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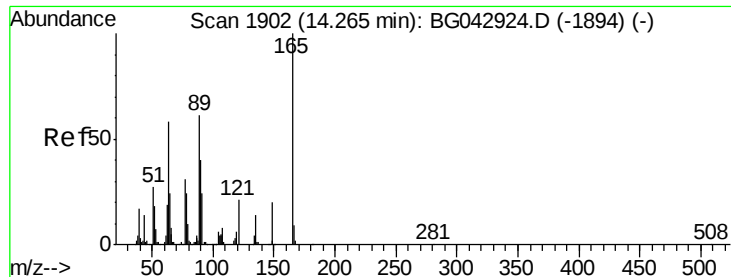
mohammad
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#50
Dimethylphthalate
Concen: 62.898 ng
RT: 14.14 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	784446		
194	4.7	4.4	6.6	
164	10.2	8.6	12.8	





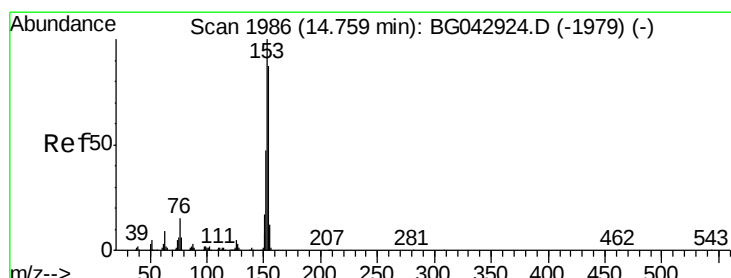
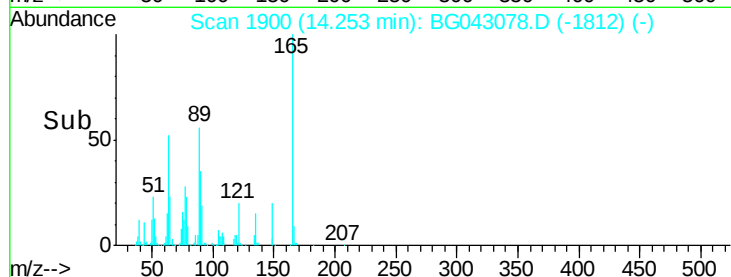
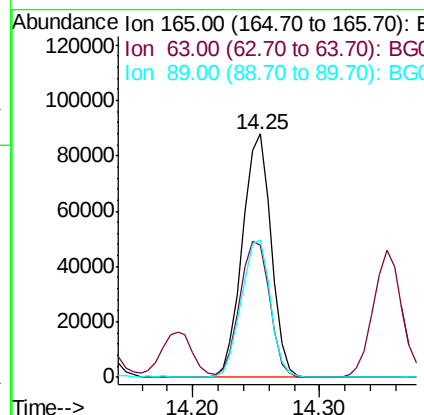
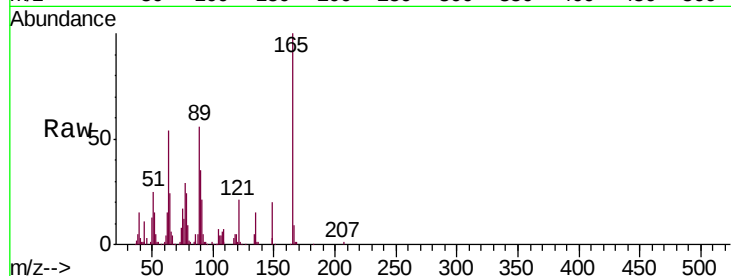
#51
2,6-Dinitrotoluene
Concen: 51.917 ng
RT: 14.25 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
PB123704BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	137888		
63	54.3	50.3	75.5	
89	56.4	48.9	73.3	

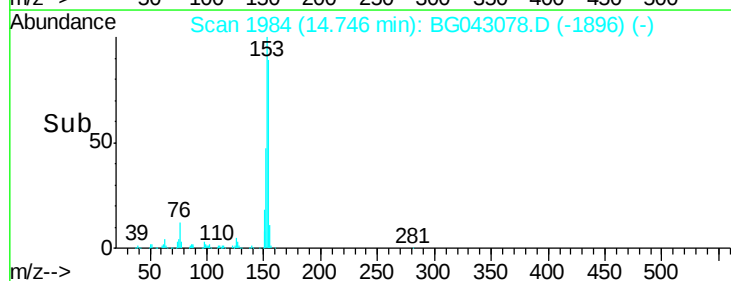
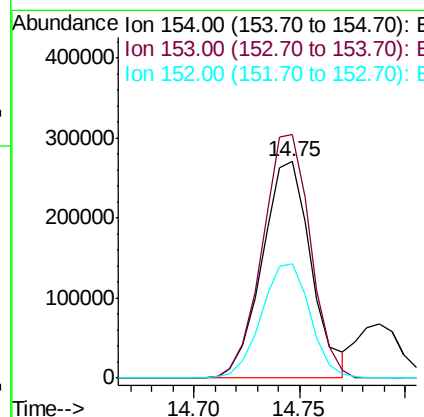
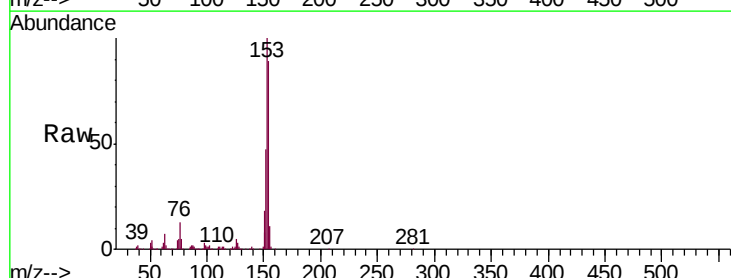
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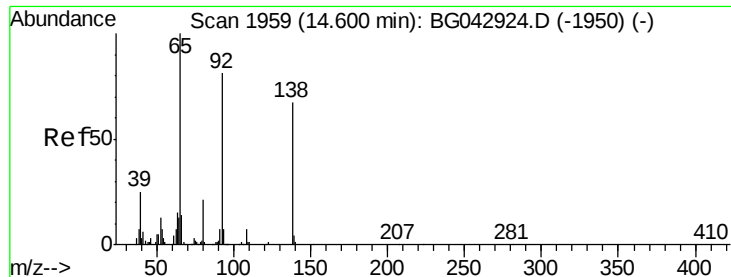
mohammad
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#52
Acenaphthene
Concen: 45.124 ng
RT: 14.75 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	437393		
153	112.6	91.4	137.0	
152	53.0	42.8	64.2	





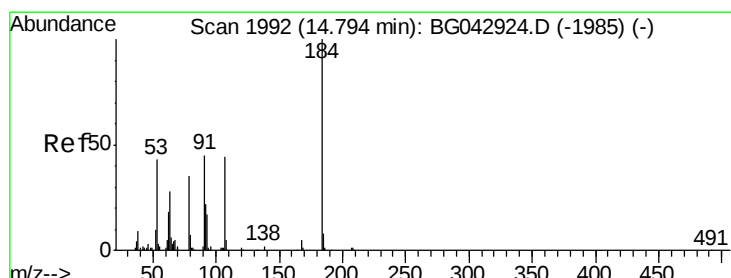
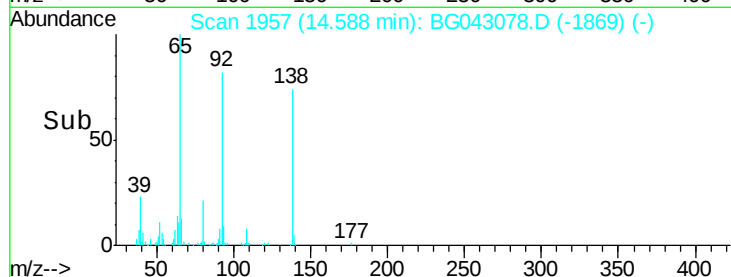
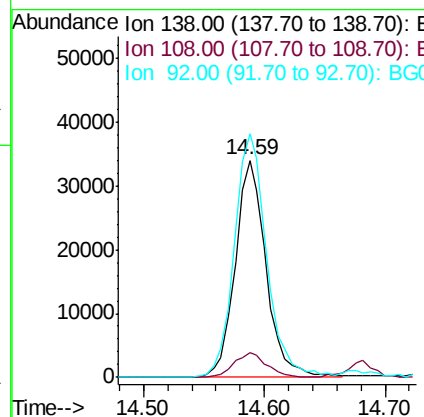
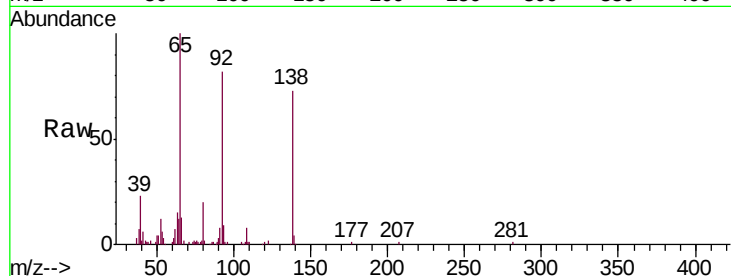
#53
3-Nitroaniline
Concen: 22.057 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
PB123704BS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.1	7.9	11.9
92	112.1	97.0	145.6

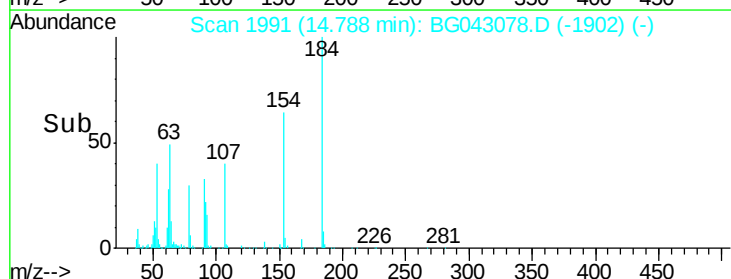
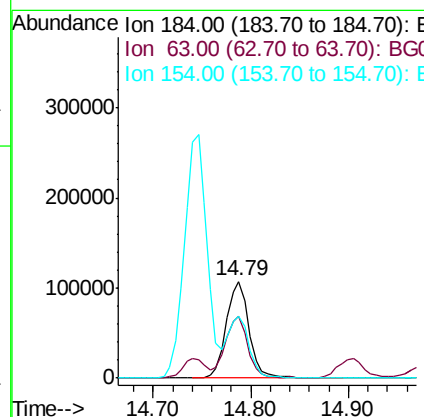
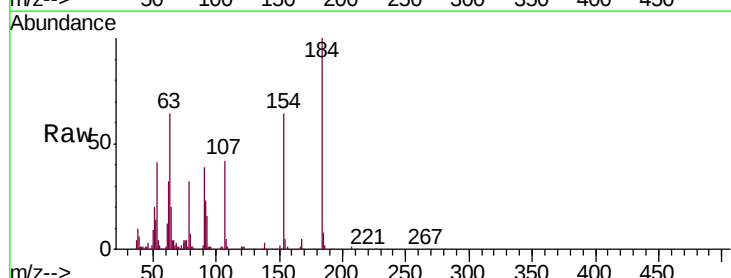
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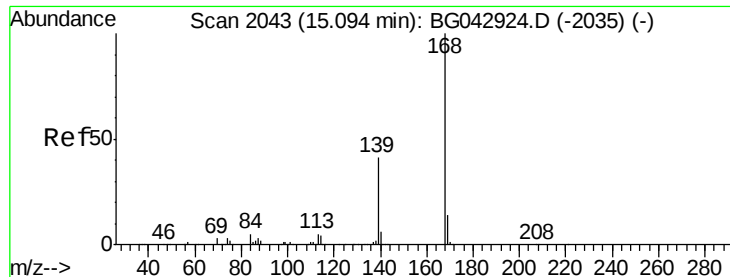
mohammad
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#54
2,4-Dinitrophenol
Concen: 104.955 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.4	55.0	82.6
154	63.8	56.5	84.7





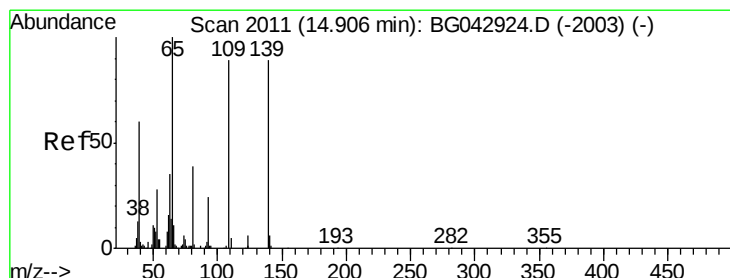
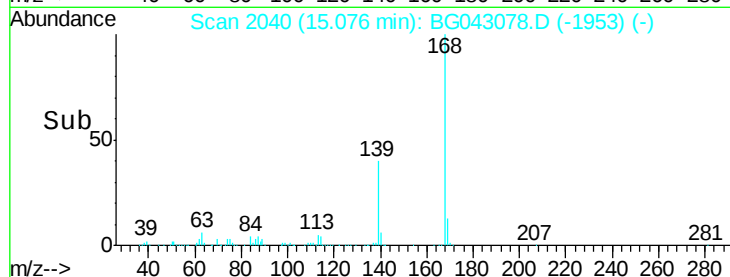
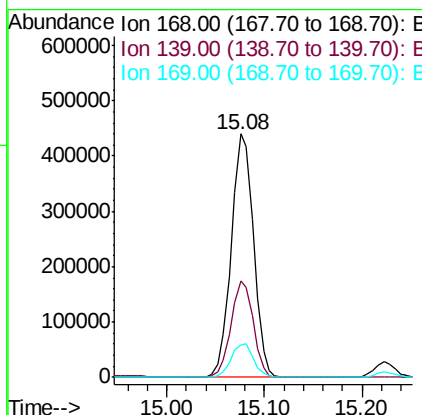
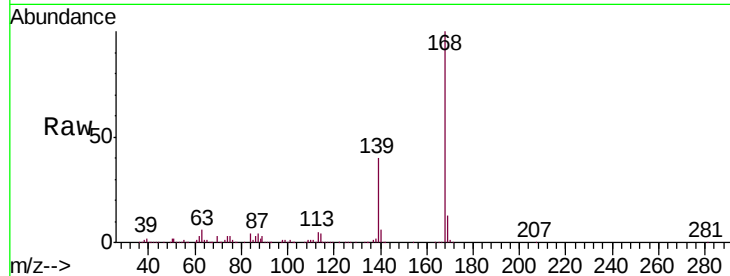
#55
Dibenzofuran
Concen: 48.659 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
PB123704BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	697714		
139	39.8	32.6	48.8	
169	13.5	11.2	16.8	

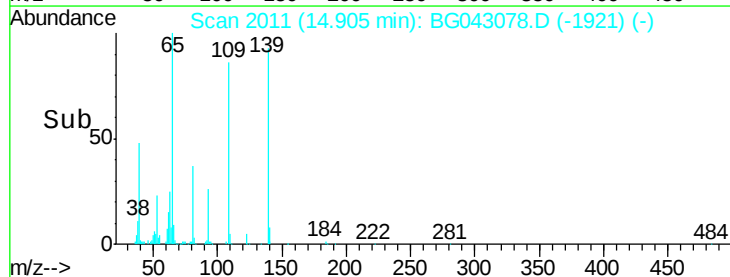
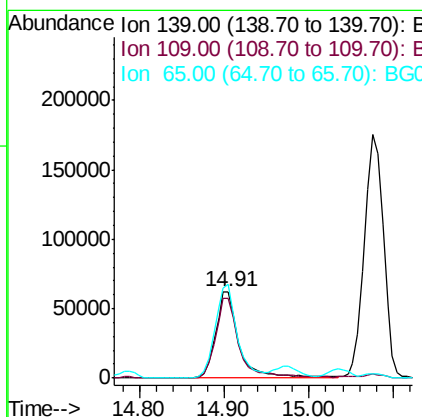
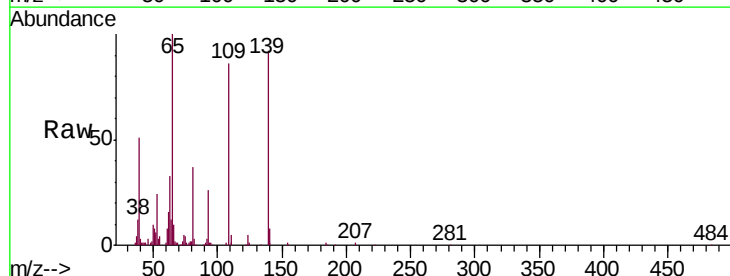
Manual Integrations
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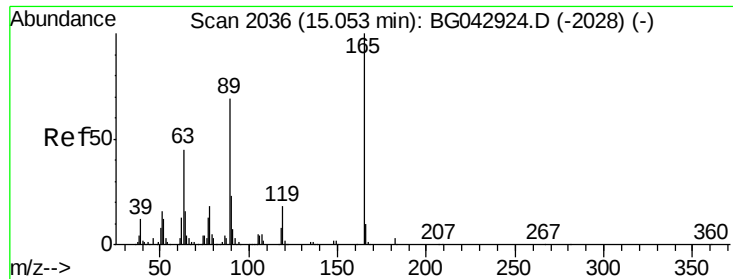
mohammad
10/8/2019 12:22:52 PM



#56
4-Nitrophenol
Concen: 58.132 ng
RT: 14.91 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	121573		
109	92.7	79.4	119.4	
65	108.2	92.5	132.5	





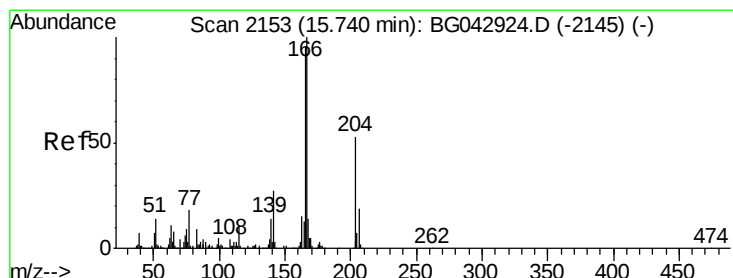
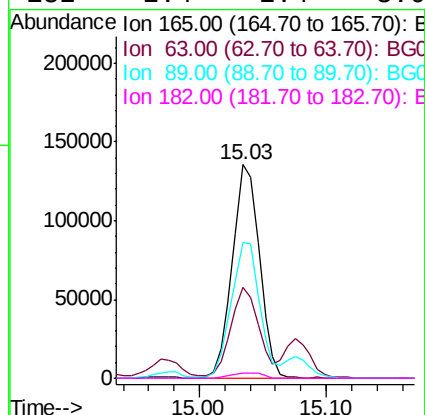
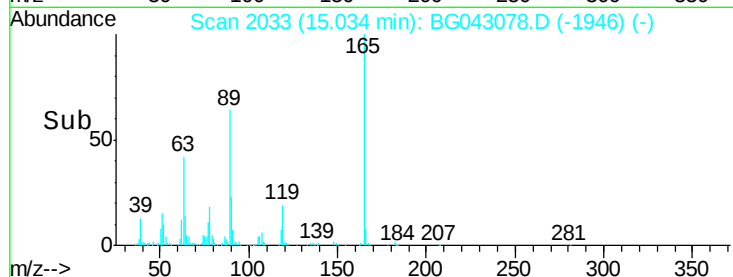
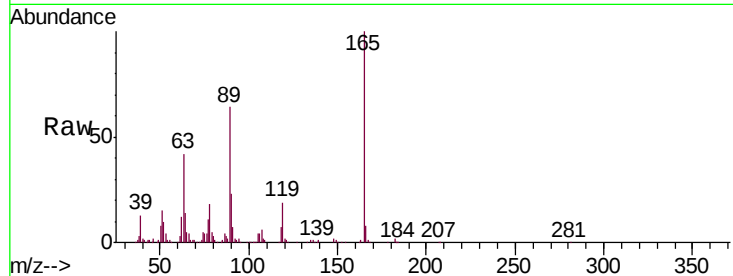
#57
 2,4-Dinitrotoluene
 Concen: 51.722 ng
 RT: 15.03 min Scan# 2033
 Delta R.T. -0.02 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Instrument :
 BNA_G
 ClientSampleId :
 PB123704BS

Tgt	Ion	Ratio	Resp	Lower	Upper
165	100		201167		
63	42.5	36.5	54.7		
89	63.7	55.5	83.3		
182	2.4	2.4	3.6		

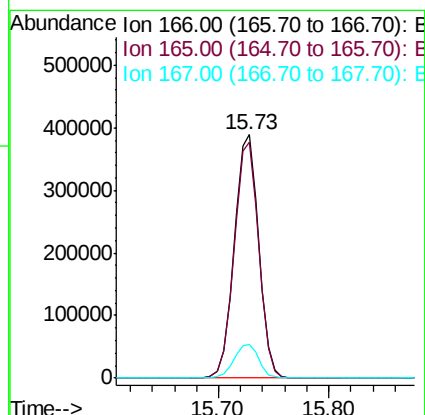
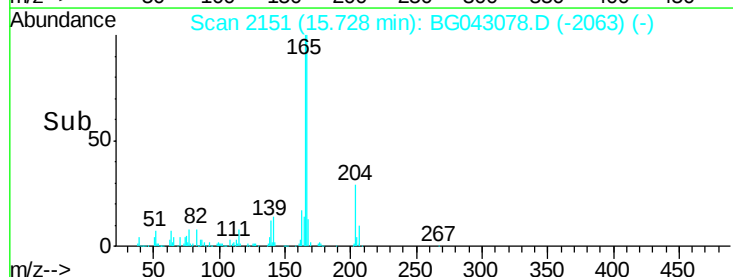
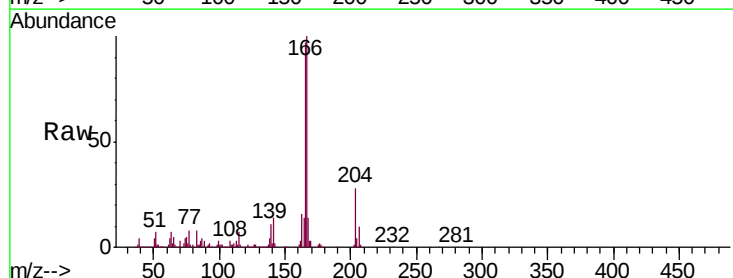
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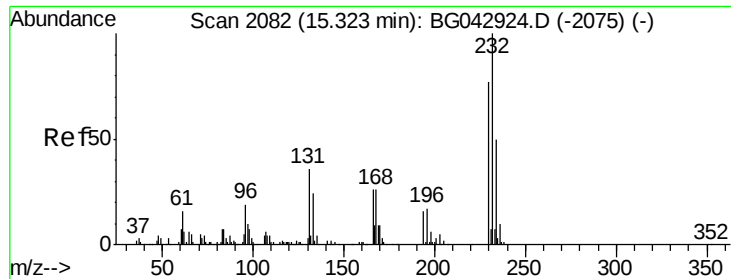
mohammad
 10/8/2019 12:22:52 PM



#58
 Fluorene
 Concen: 49.335 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Tgt	Ion	Ratio	Resp	Lower	Upper
166	100		603949		
165	97.0	77.1	115.7		
167	14.0	11.0	16.6		





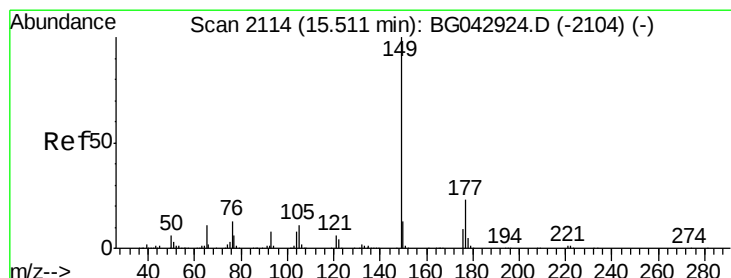
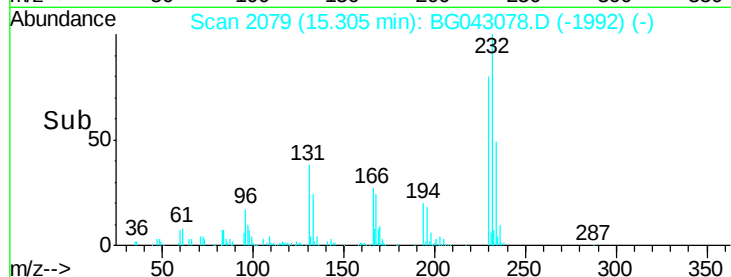
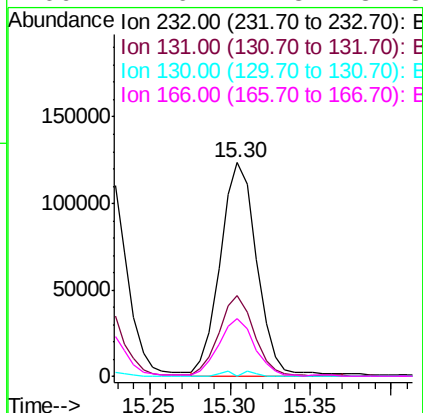
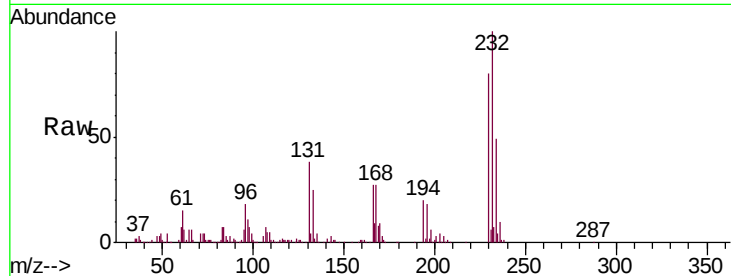
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.153 ng m
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Instrument :
 BNA_G
 ClientSampleId :
 PB123704BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	197490		
131	31.7	29.6	44.4	
130	2.2	1.9	2.9	
166	21.6	21.8	32.8	

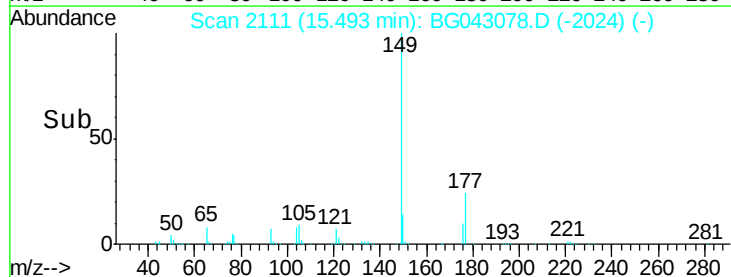
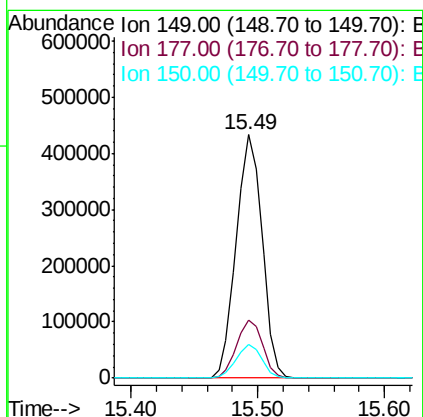
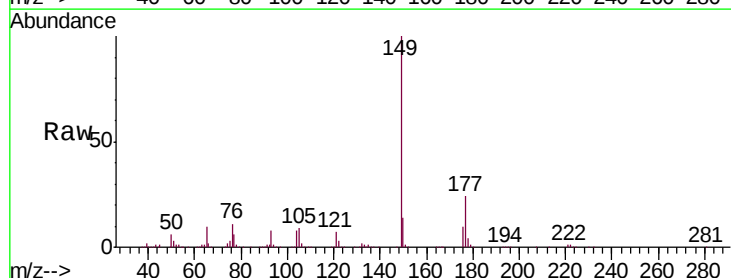
Manual Integrations
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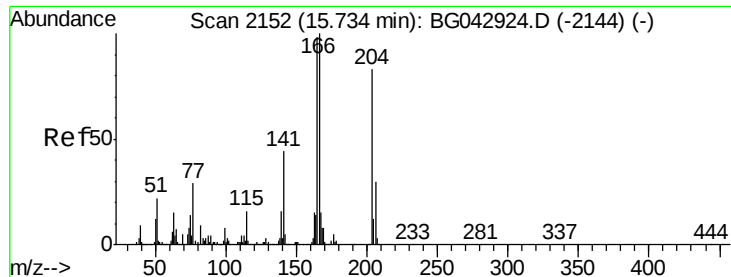
mohammad
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#60
 Diethylphthalate
 Concen: 48.238 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.02 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	612263		
177	23.8	18.8	28.2	
150	13.7	10.6	15.8	





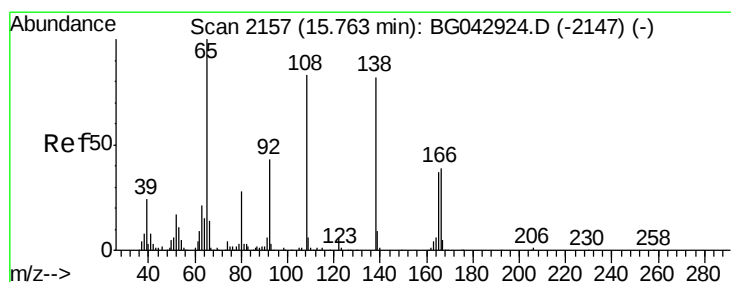
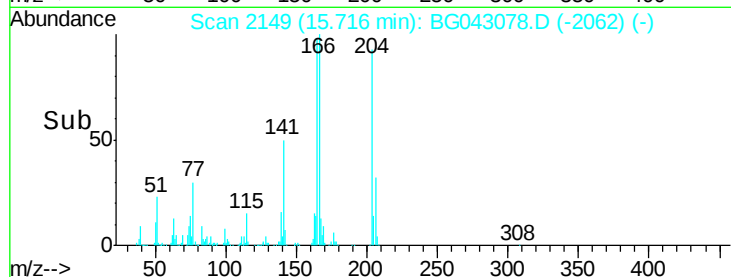
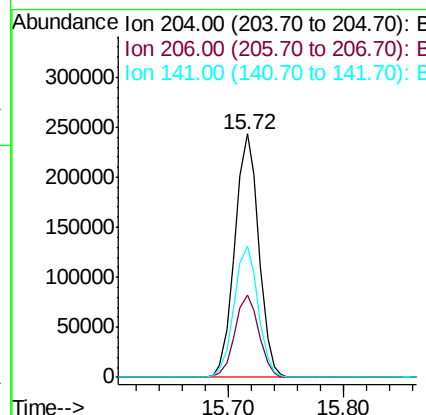
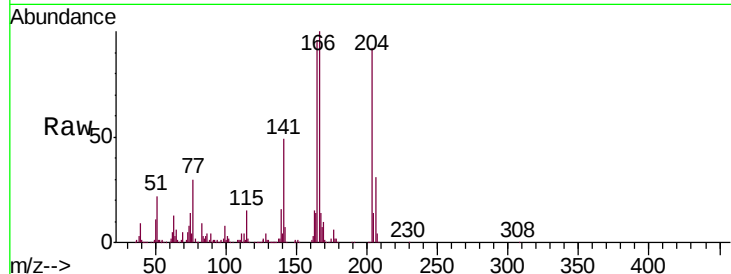
#61
 4-Chlorophenyl-phenylether
 Concen: 47.649 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.02 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Instrument :
 BNA_G
 ClientSampleId :
 PB123704BS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	349829		
206	34.0	28.5	42.7	
141	53.8	42.4	63.6	

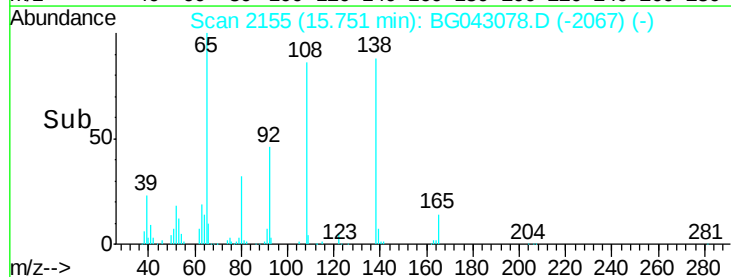
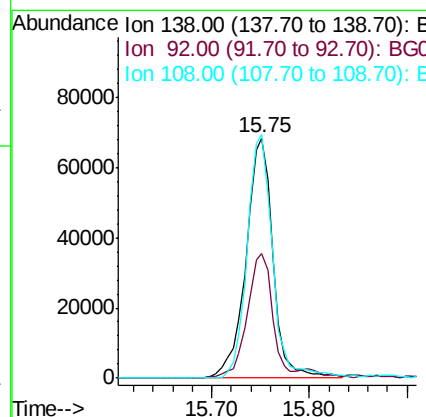
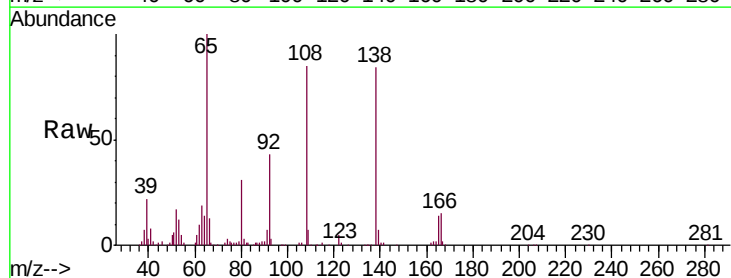
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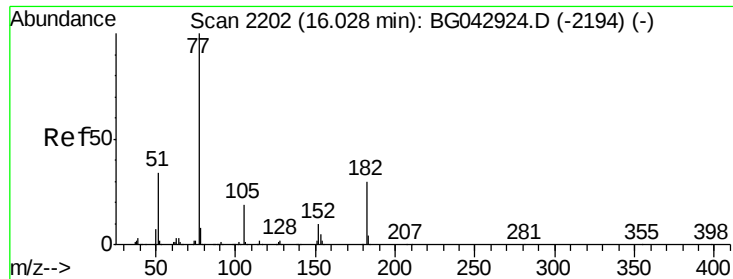
mohammad
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#62
 4-Nitroaniline
 Concen: 44.108 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	132038		
92	51.9	32.9	72.9	
108	101.5	81.3	121.3	





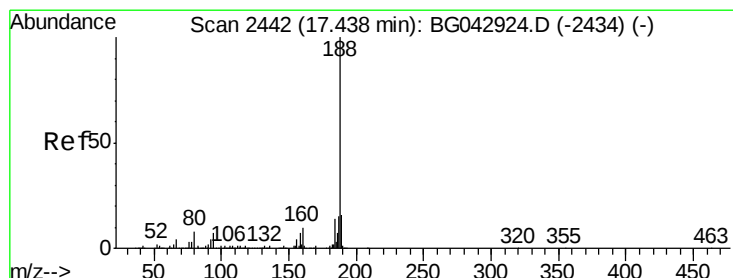
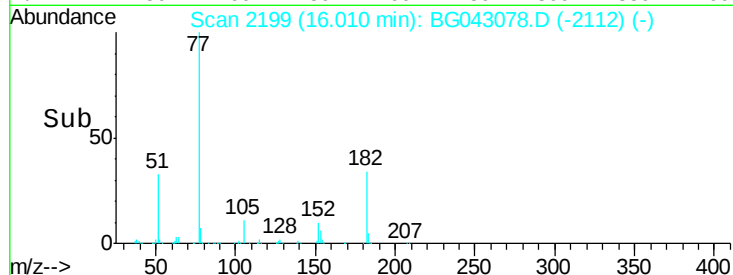
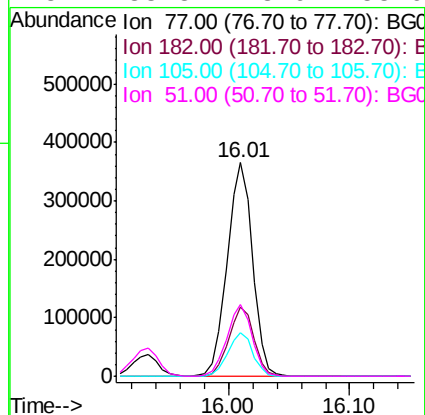
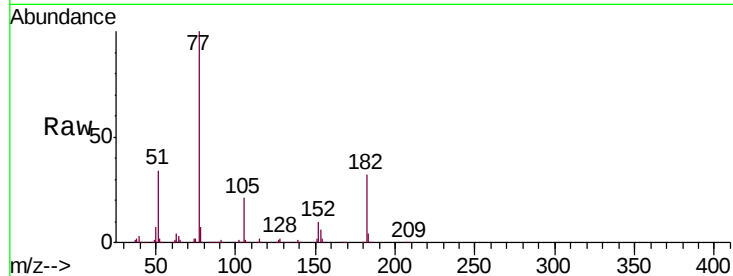
#63
Azobenzene
Concen: 45.793 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
PB123704BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.1	10.2	50.2
105	20.7	0.0	39.1
51	33.8	13.9	53.9

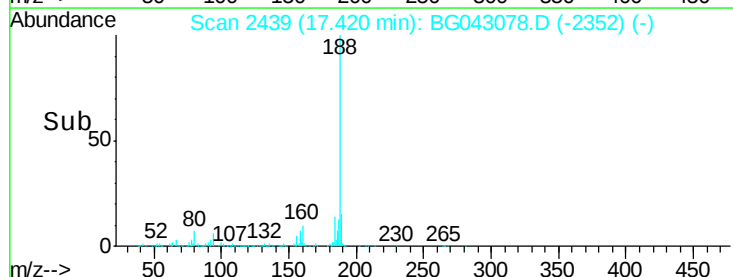
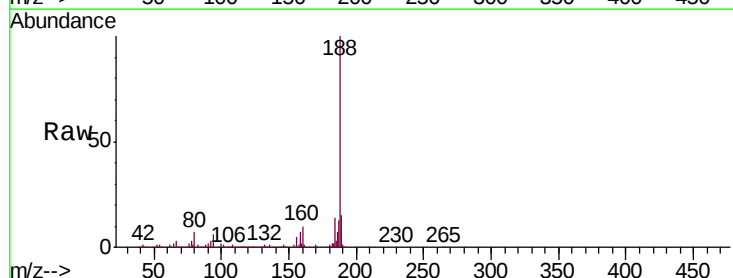
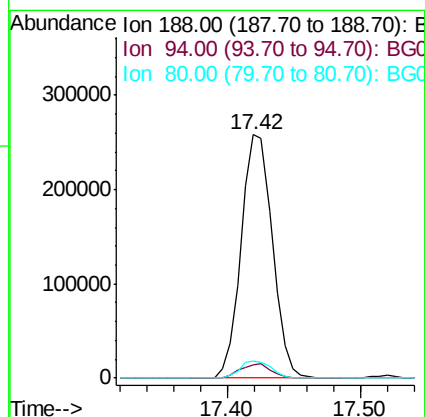
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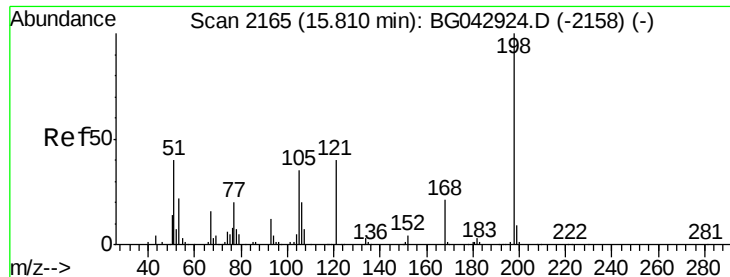
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.5	5.7	8.5#
80	7.1	6.5	9.7





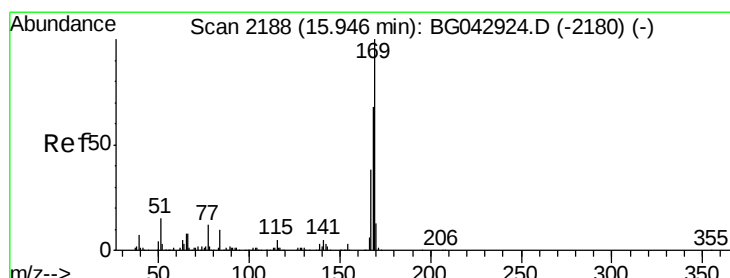
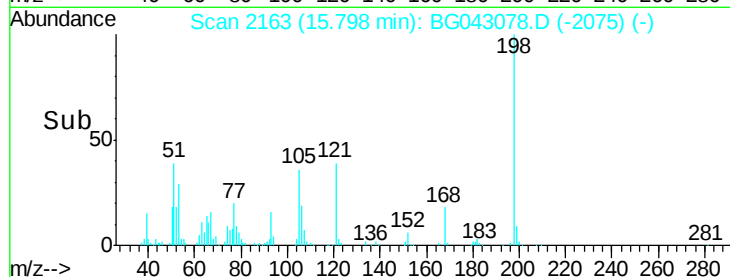
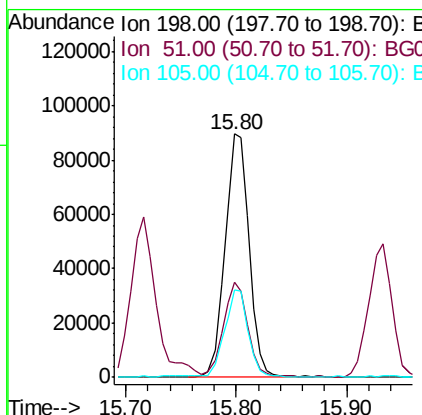
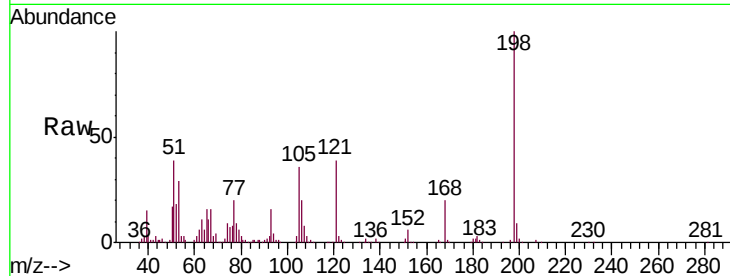
#65
 4,6-Dinitro-2-methylphenol
 Concen: 57.878 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Instrument :
 BNA_G
 ClientSampleId :
 PB123704BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	136359		
51	39.2	25.3	65.3	
105	36.1	16.6	56.6	

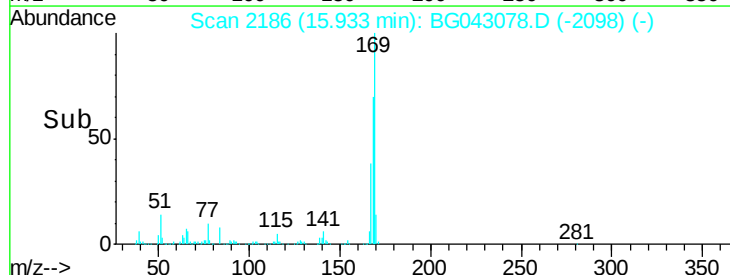
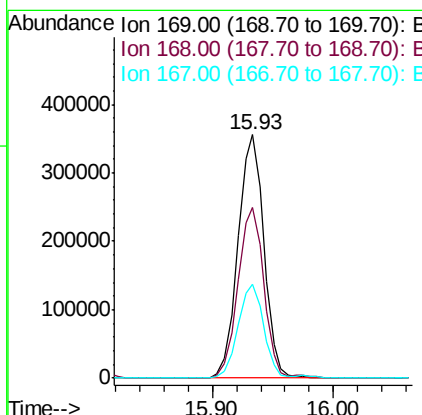
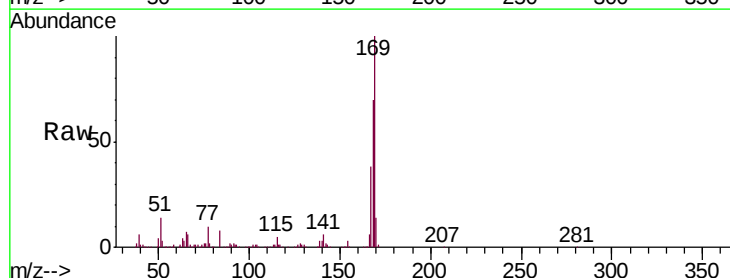
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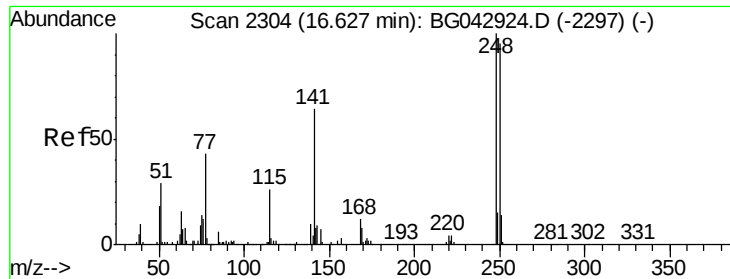
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#66
 n-Nitrosodiphenylamine
 Concen: 48.385 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	531802		
168	70.3	54.8	82.2	
167	38.4	30.6	46.0	





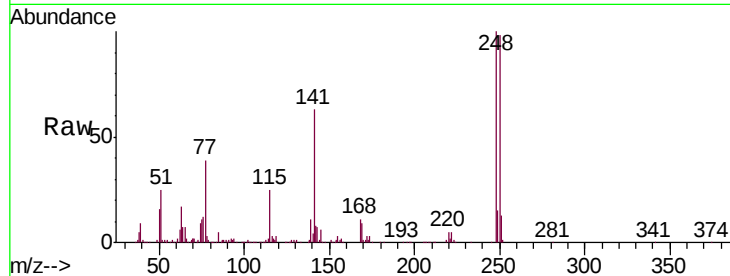
#67
4-Bromophenyl-phenylether
Concen: 48.157 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
PB123704BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.2	75.8	113.8
141	62.8	51.1	76.7

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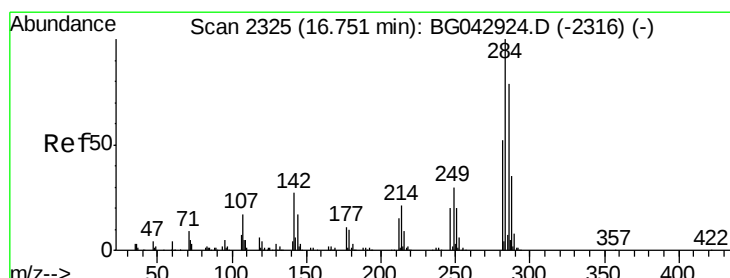
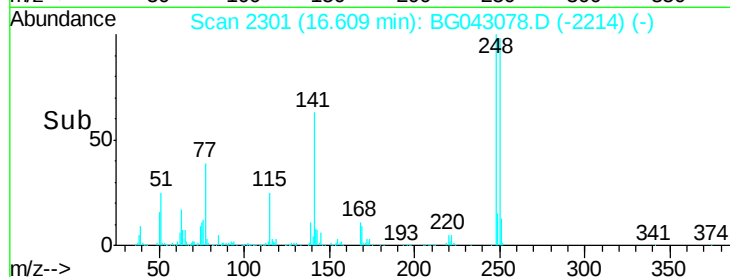
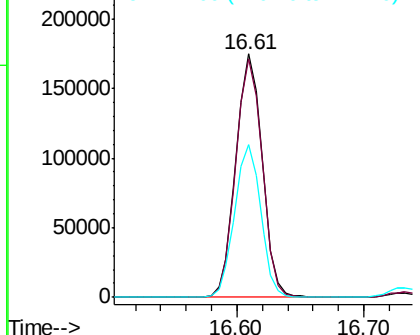


Abundance

Ion 248.00 (247.70 to 248.70): E

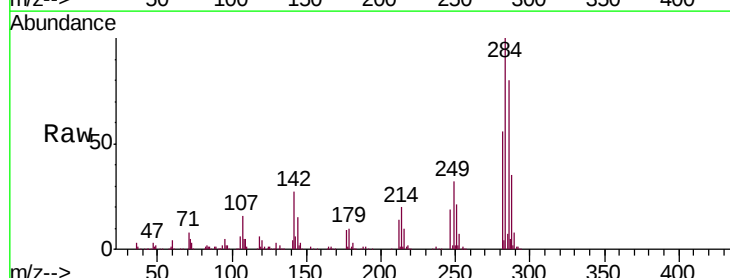
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 47.581 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.5	21.6	32.4
249	32.2	24.1	36.1

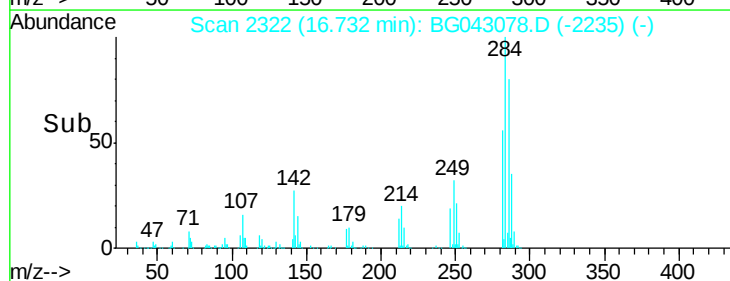
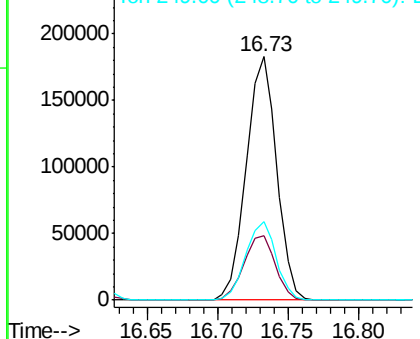


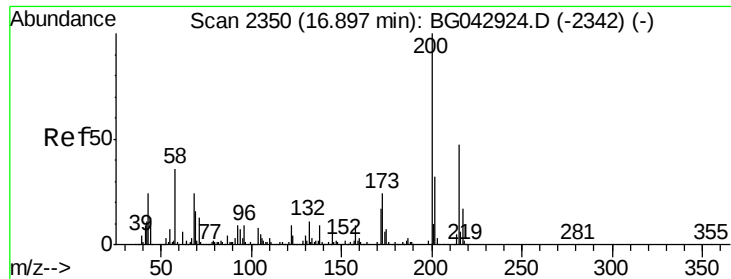
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





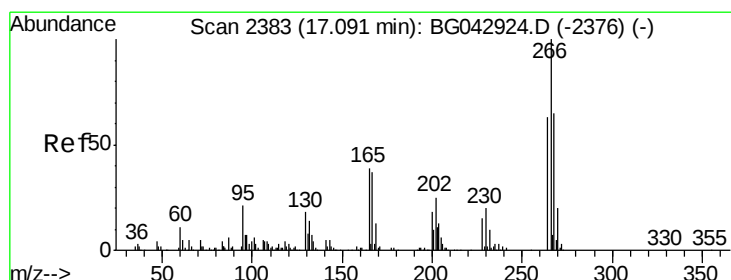
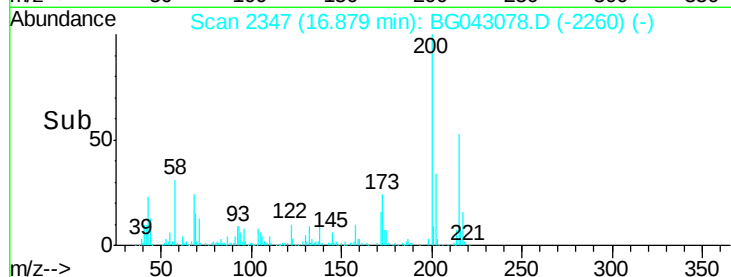
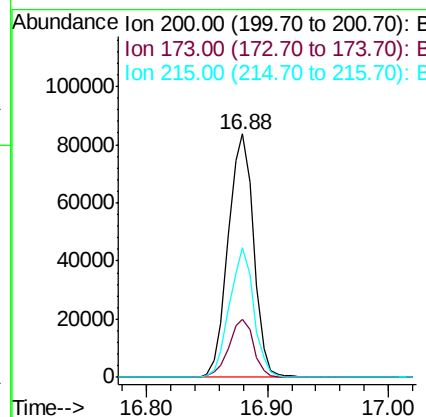
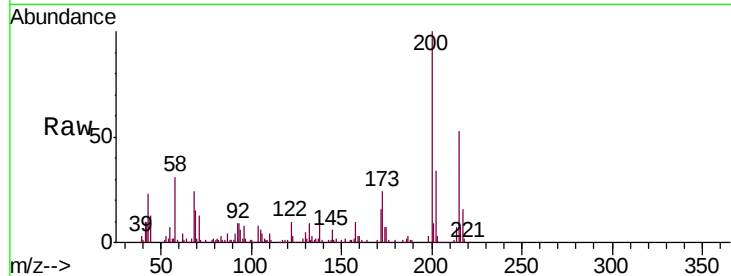
#69
Atrazine
Concen: 26.395 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
PB123704BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.7	4.0	44.0
215	53.5	27.4	67.4

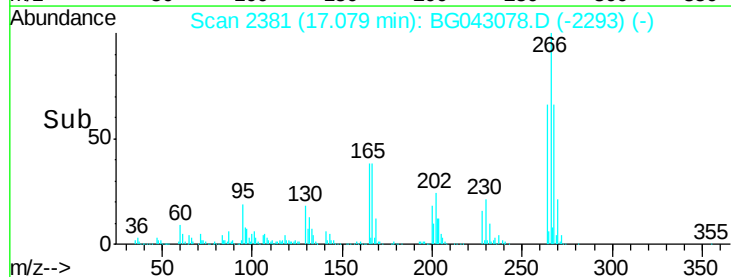
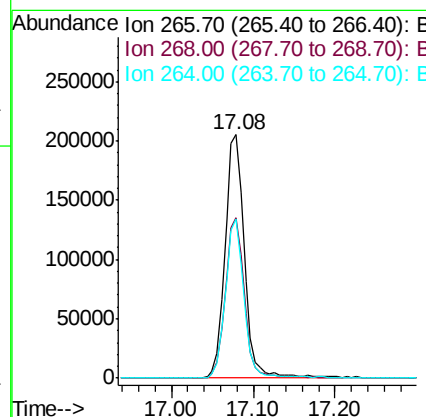
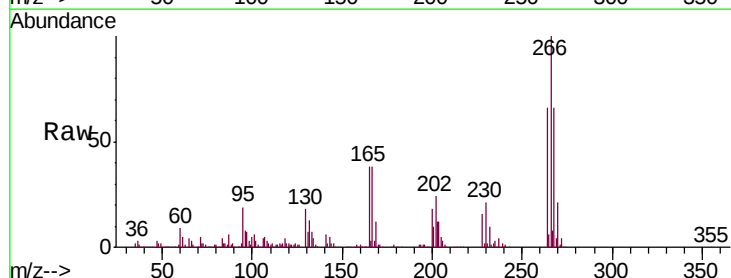
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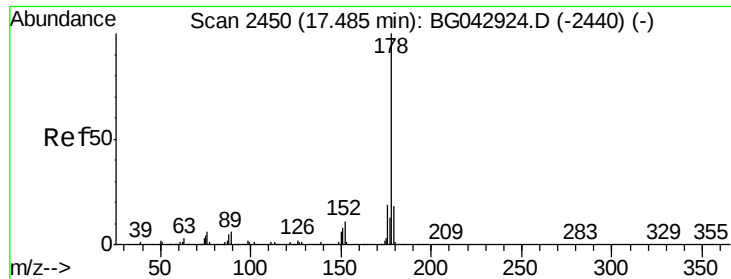
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#70
Pentachlorophenol
Concen: 100.874 ng
RT: 17.08 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.7	52.2	78.2
264	65.5	50.7	76.1





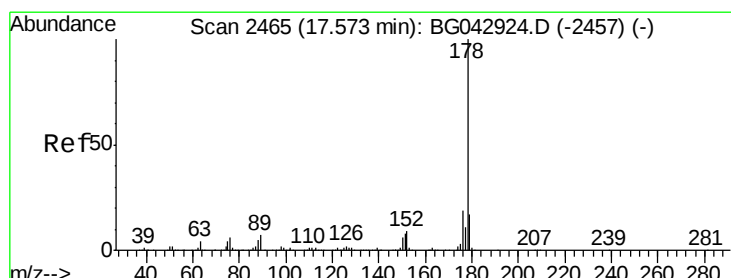
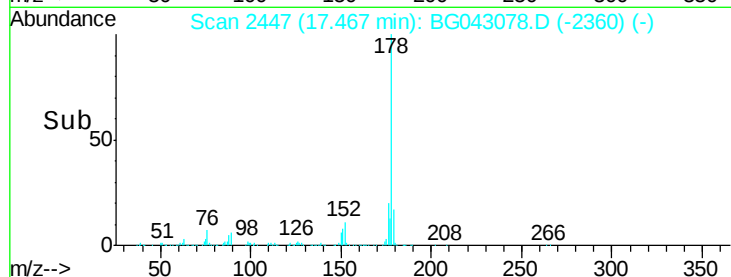
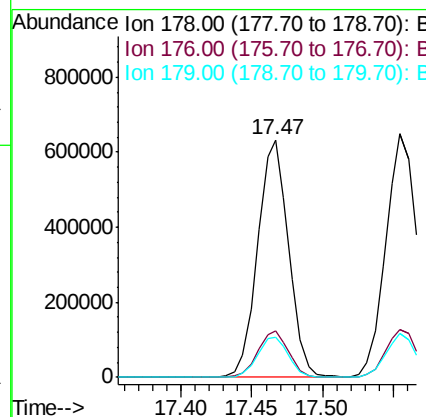
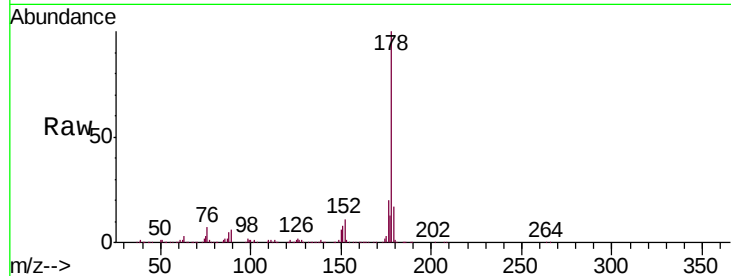
#71
Phenanthrene
Concen: 47.829 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
PB123704BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.1	22.7
179	16.6	14.1	21.1

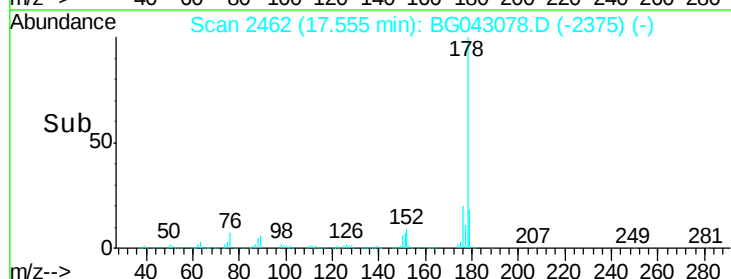
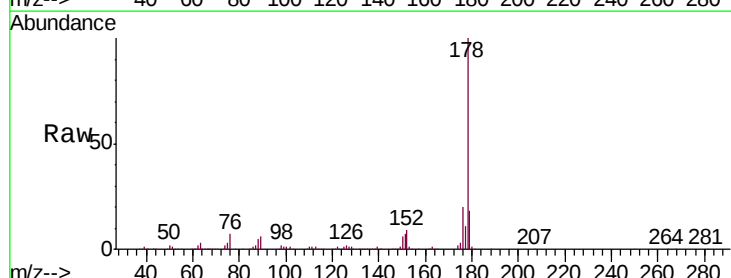
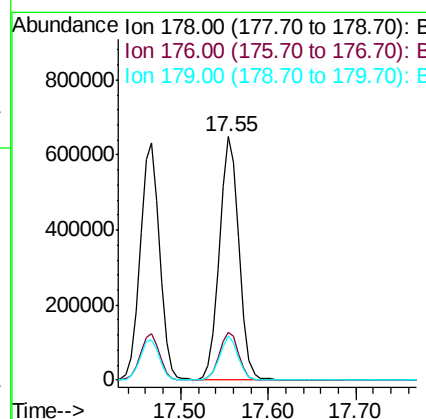
Manual Integrations
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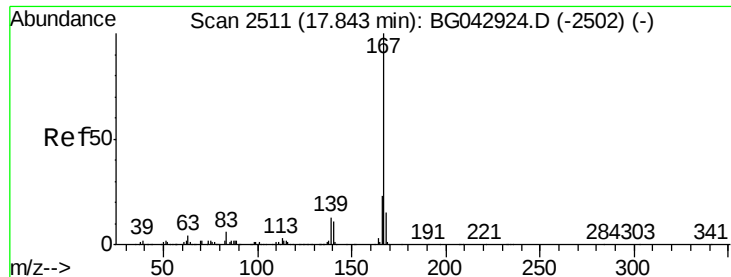
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#72
Anthracene
Concen: 49.325 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	18.0	13.5	20.3





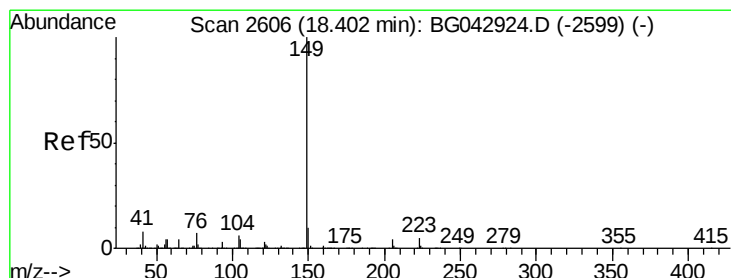
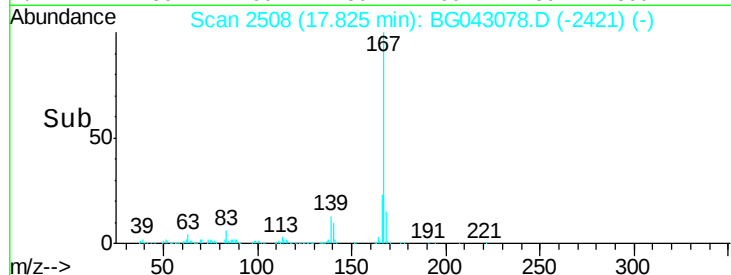
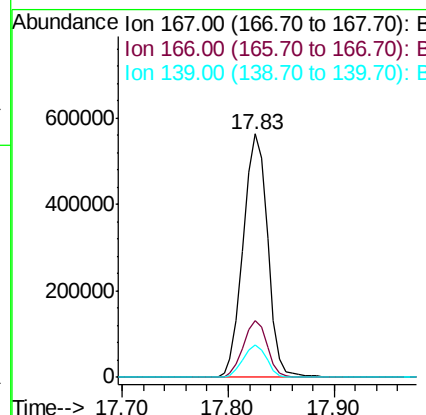
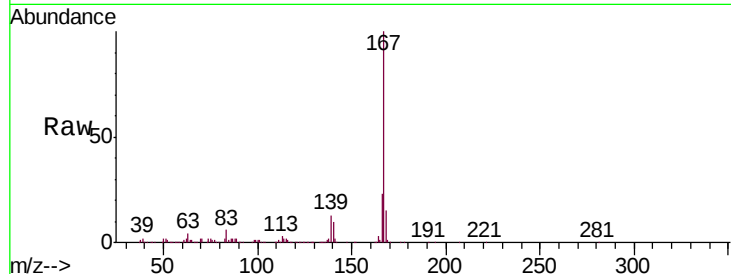
#73
 Carbazole
 Concen: 47.991 ng
 RT: 17.83 min Scan# 2508
 Delta R.T. -0.02 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Instrument :
 BNA_G
 ClientSampleId :
 PB123704BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.6	28.0
139	13.3	10.8	16.2

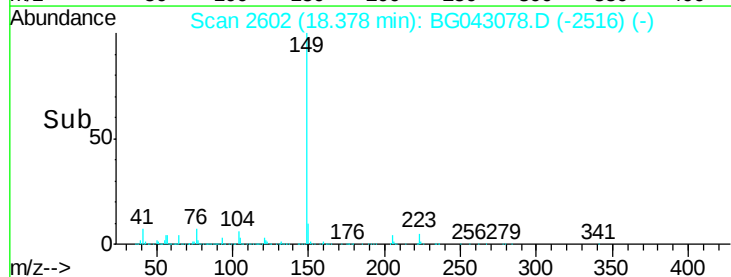
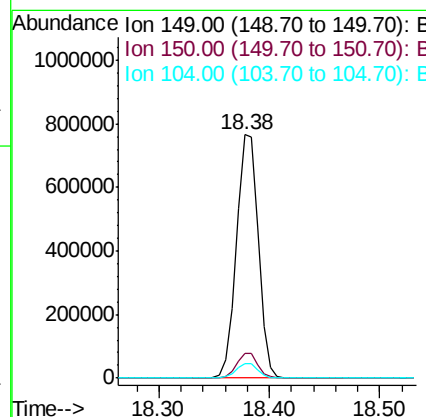
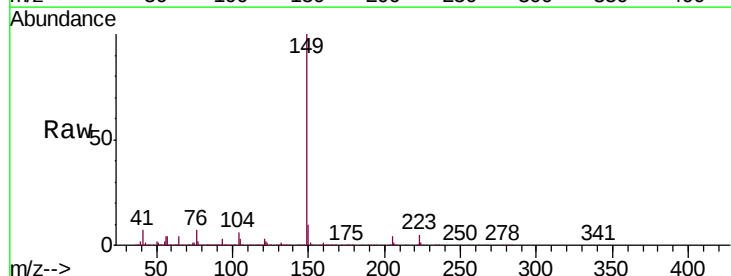
Manual Integrations
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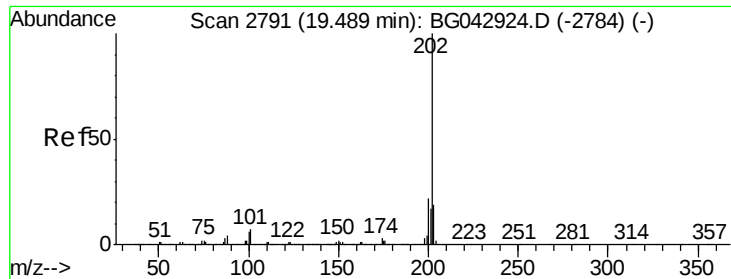
mohammad
 10/8/2019 12:22:52 PM



#74
 Di-n-butylphthalate
 Concen: 47.396 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. -0.02 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	6.0	5.0	7.6





#75

Fluoranthene

Concen: 46.762 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Instrument :

BNA_G

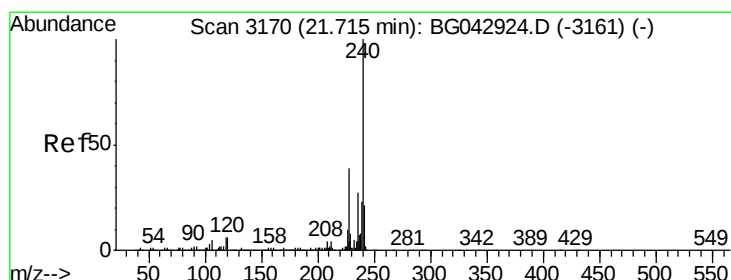
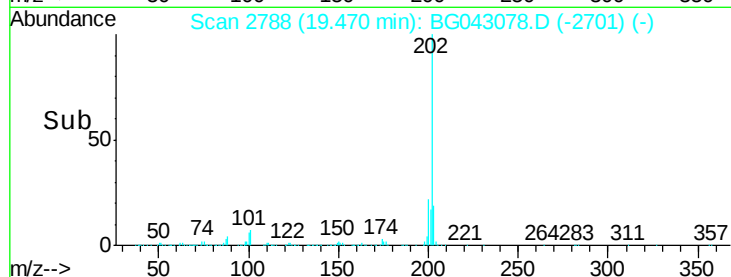
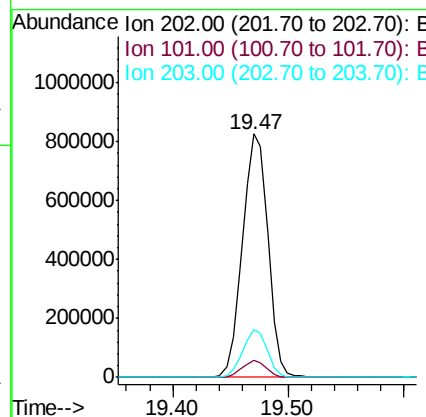
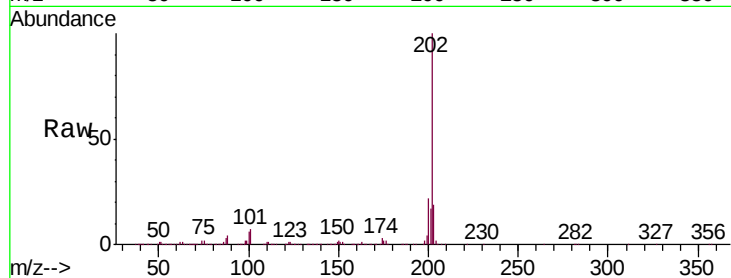
ClientSampled :

PB123704BS

Tgt	Ion	202	Resp:	1257193
Ion	Ratio	Lower	Upper	
202	100			
101	7.3	0.0	27.3	
203	19.5	0.0	39.5	

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#76

Chrysene-d12

Concen: 20.000 ng

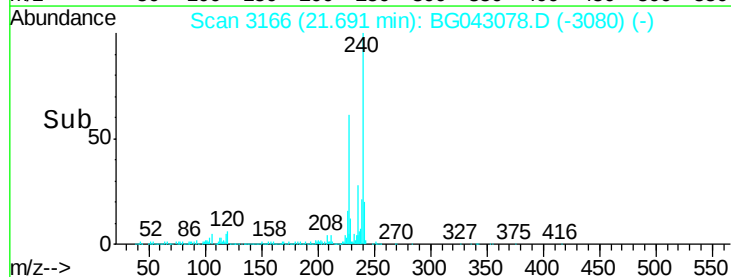
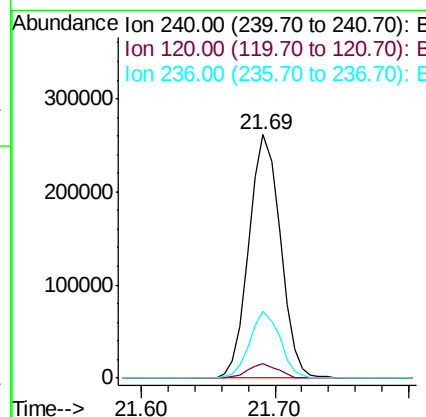
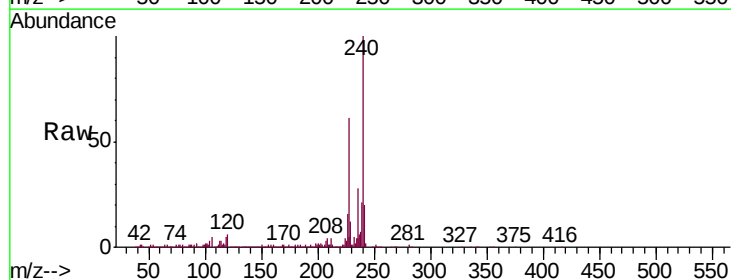
RT: 21.69 min Scan# 3166

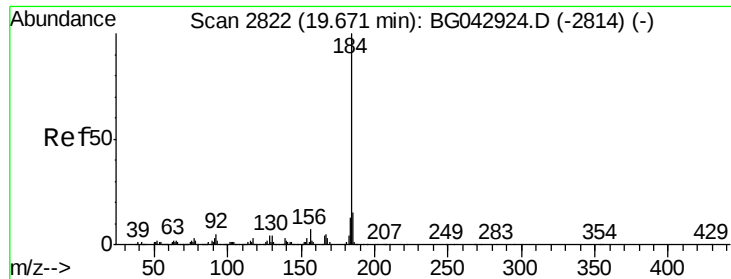
Delta R.T. -0.02 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Tgt	Ion	240	Resp:	425927
Ion	Ratio	Lower	Upper	
240	100			
120	5.7	4.8	7.2	
236	27.5	21.4	32.0	





#77

Benzidine

Concen: 7.435 ng m

RT: 19.71 min Scan# 2828

Delta R.T. 0.03 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Instrument :

BNA_G

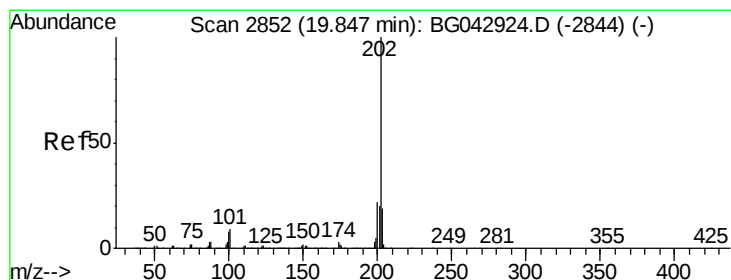
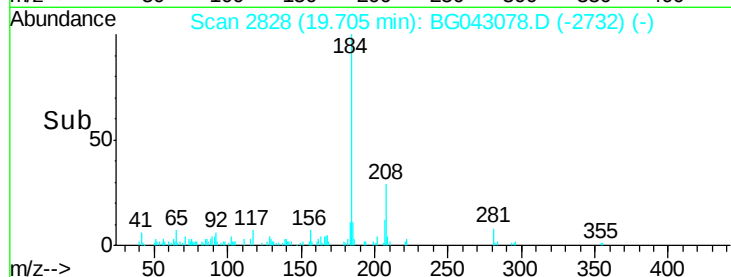
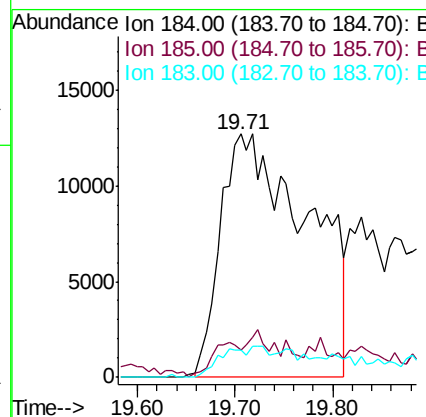
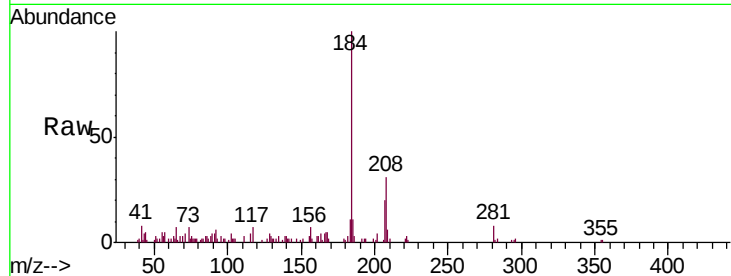
ClientSampleId :

PB123704BS

Tgt Ion	Ratio	Lower	Upper
184	100		
185	11.2	11.8	17.8#
183	11.3	10.1	15.1

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#78

Pyrene

Concen: 50.299 ng

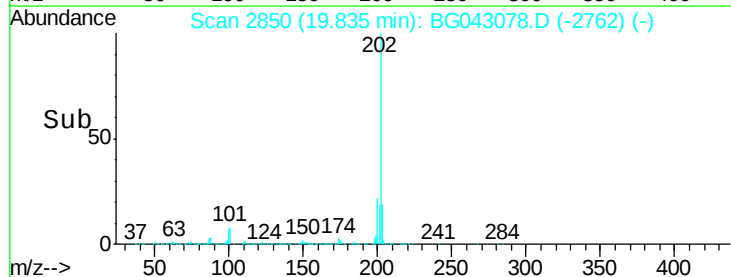
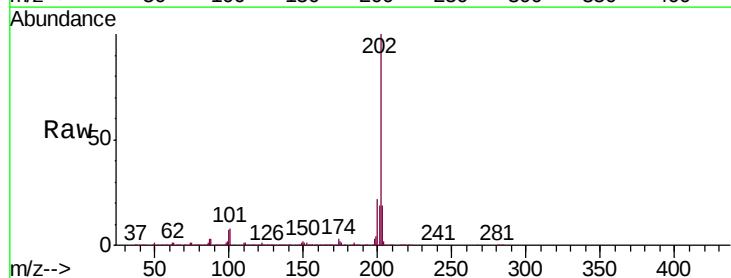
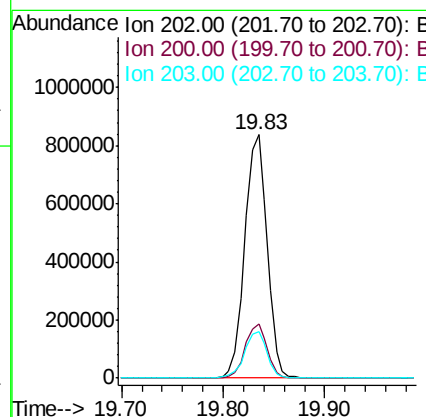
RT: 19.83 min Scan# 2850

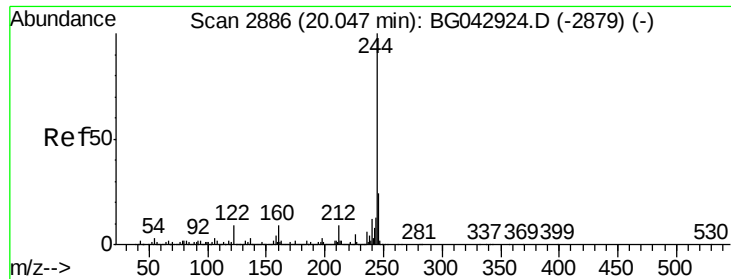
Delta R.T. -0.01 min

Lab File: BG043078.D

Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	18.9	15.2	22.8





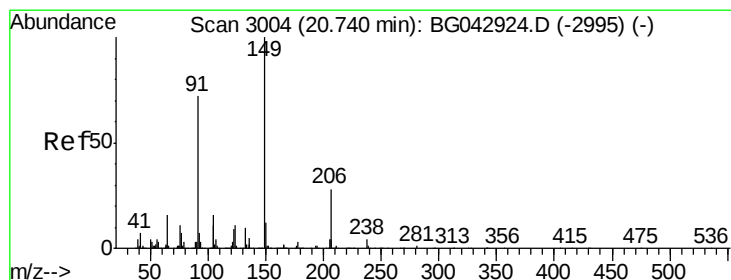
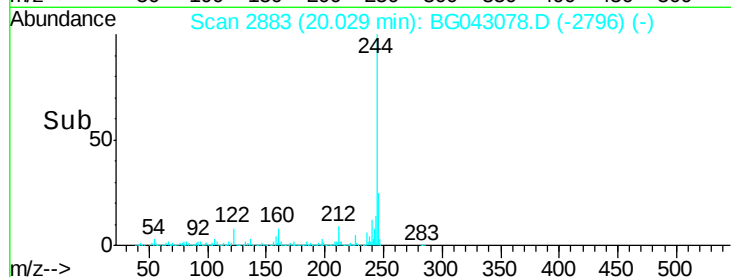
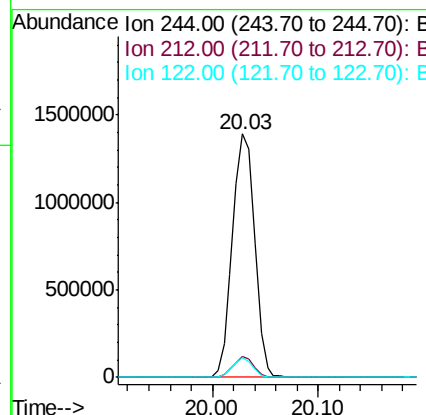
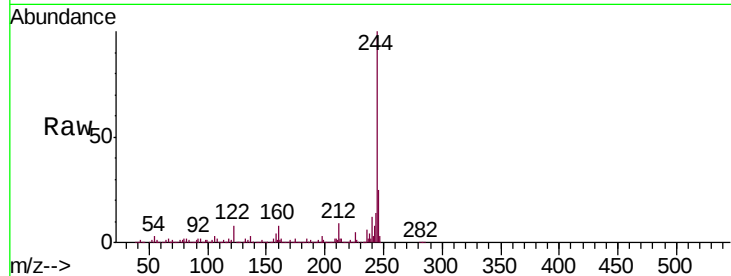
#79
 Terphenyl-d14
 Concen: 101.350 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. -0.02 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Instrument :
 BNA_G
 ClientSampleId :
 PB123704BS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.4	11.0
122	8.1	7.0	10.4

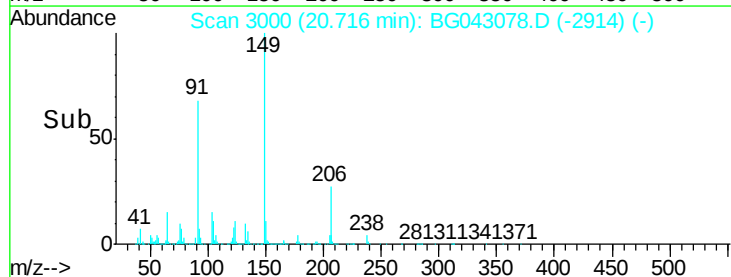
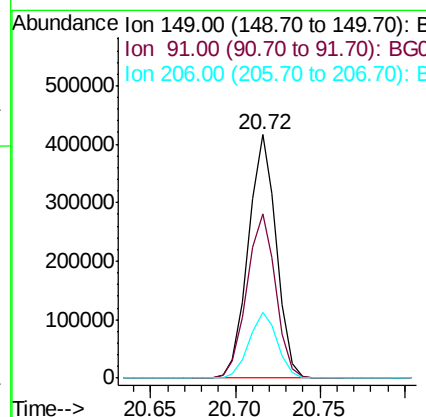
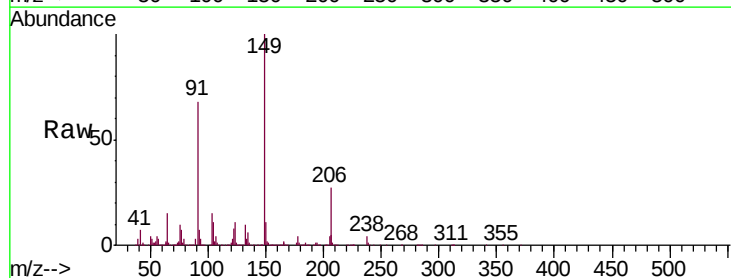
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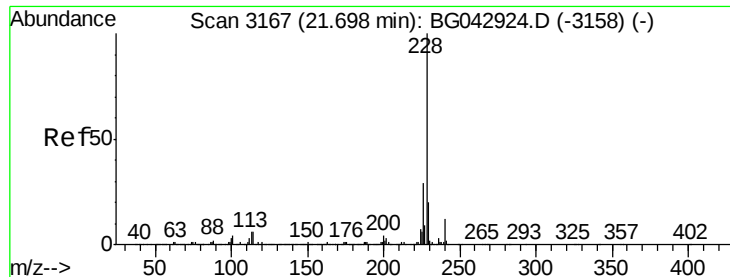
mohammad
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#80
 Butylbenzylphthalate
 Concen: 49.847 ng
 RT: 20.72 min Scan# 3000
 Delta R.T. -0.02 min
 Lab File: BG043078.D
 Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.7	57.7	86.5
206	27.0	22.6	33.8





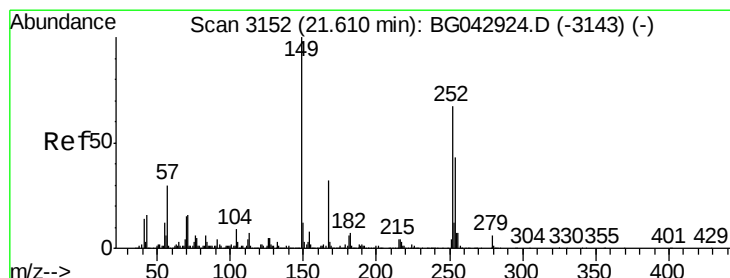
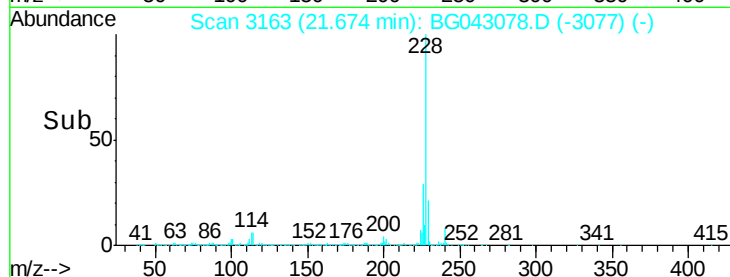
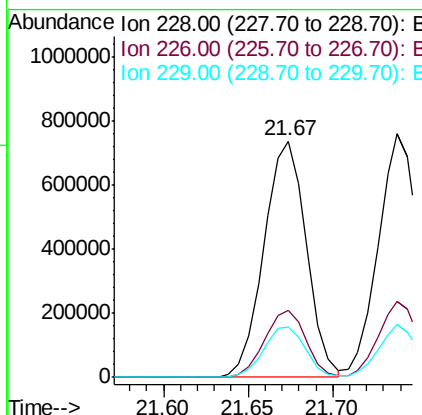
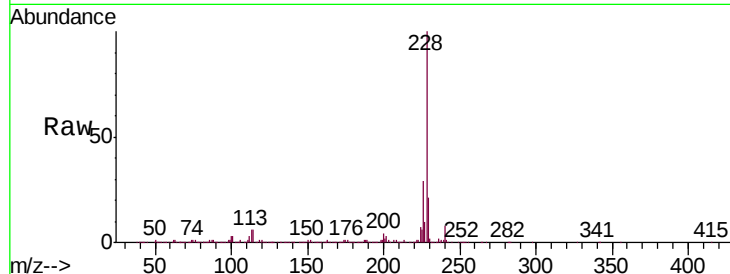
#81
Benzo(a)anthracene
Concen: 47.880 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
PB123704BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.4
229	21.4	16.3	24.5

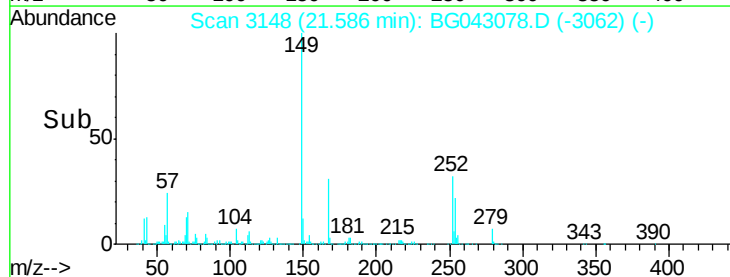
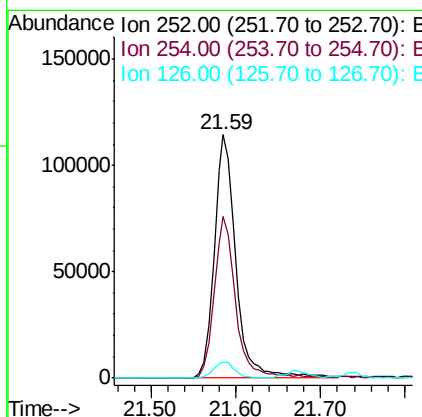
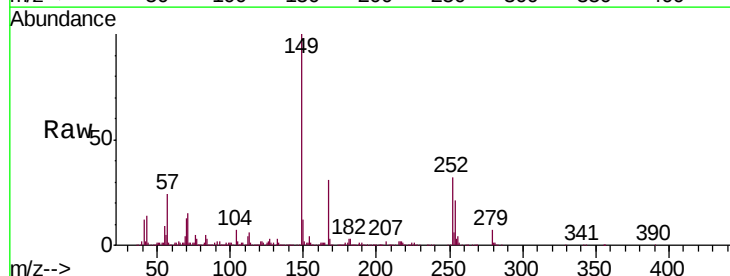
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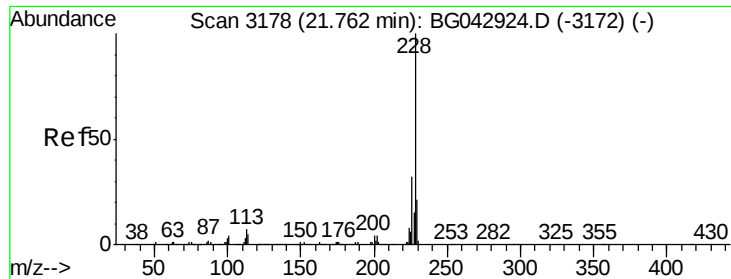
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 19.838 ng
RT: 21.59 min Scan# 3148
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.4	51.9	77.9
126	6.5	6.1	9.1





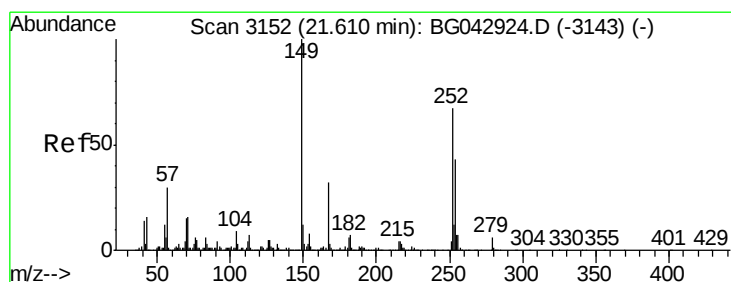
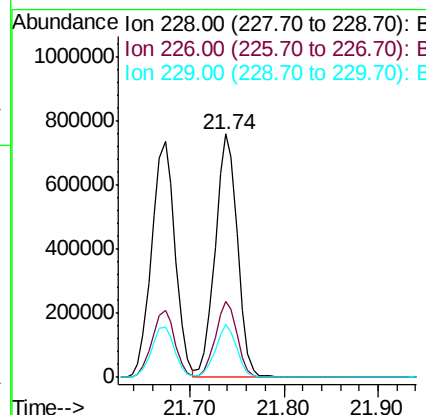
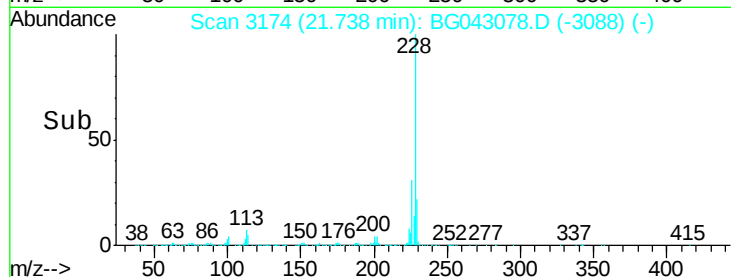
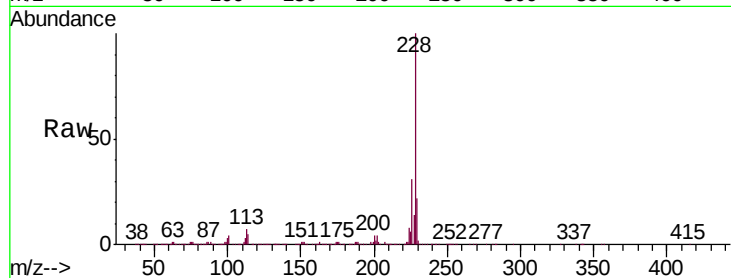
#83
Chrysene
Concen: 48.795 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.02 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
PB123704BS

Tgt Ion:228 Resp: 1256682
Ion Ratio Lower Upper
228 100
226 31.3 25.6 38.4
229 21.9 16.9 25.3

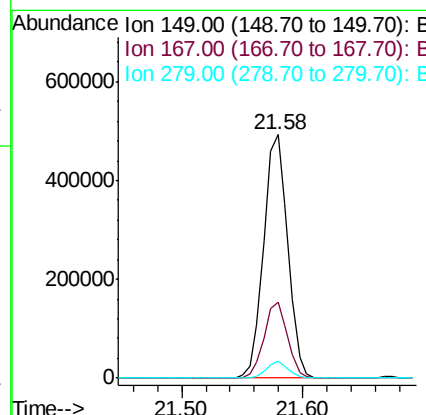
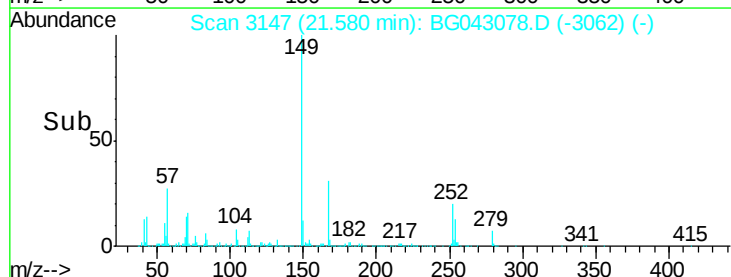
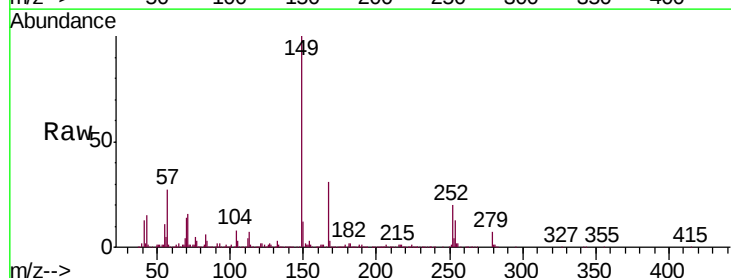
Manual Integrations
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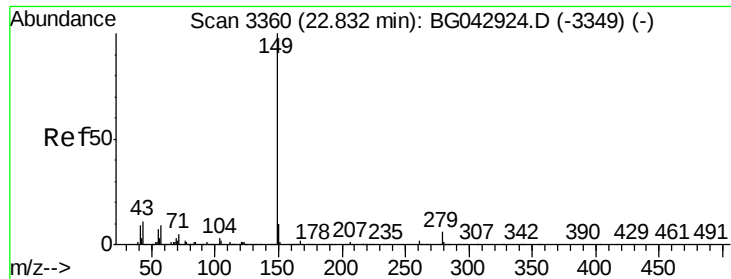
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 49.580 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.03 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion:149 Resp: 680771
Ion Ratio Lower Upper
149 100
167 31.4 25.4 38.2
279 7.1 5.1 7.7





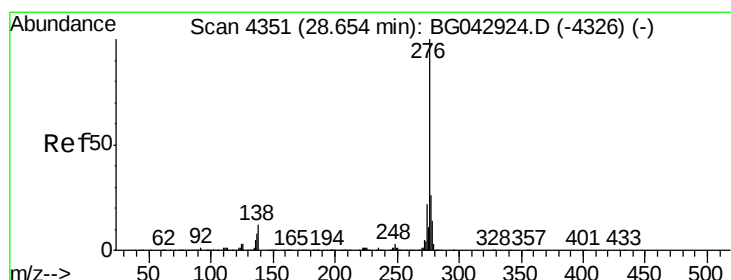
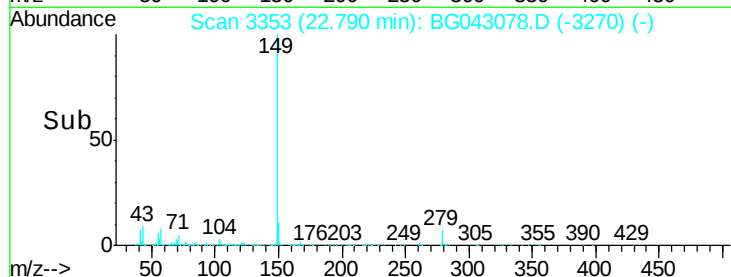
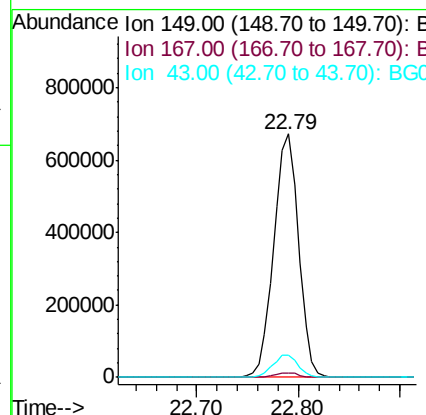
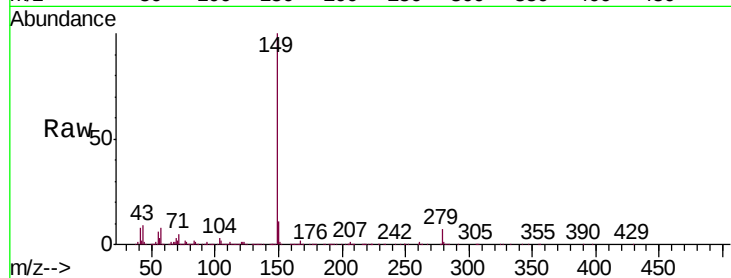
#85
Di-n-octyl phthalate
Concen: 50.982 ng
RT: 22.79 min Scan# 3353
Delta R.T. -0.04 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
PB123704BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	9.2	8.7	13.1

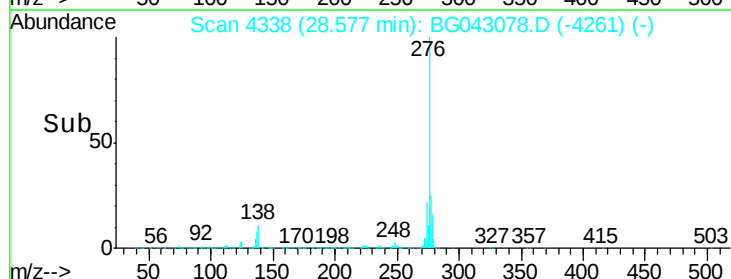
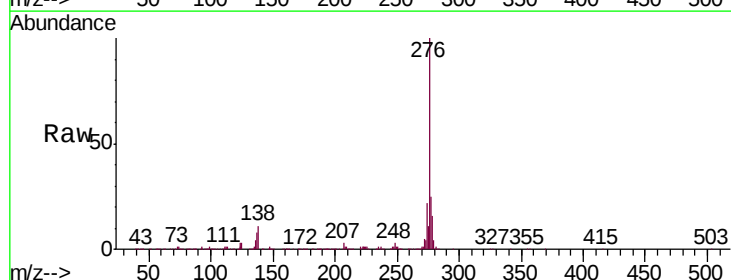
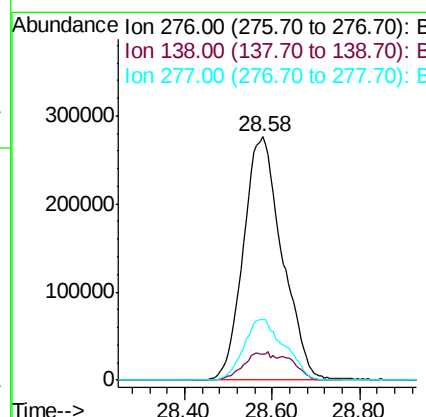
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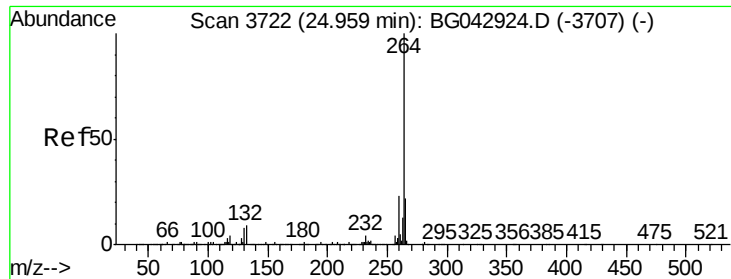
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 51.769 ng
RT: 28.58 min Scan# 4338
Delta R.T. -0.08 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.1	7.0	10.6#
277	26.3	20.9	31.3





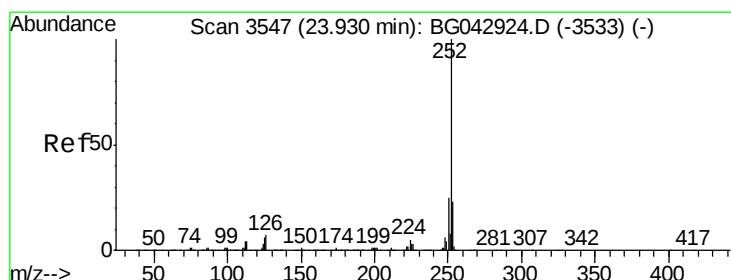
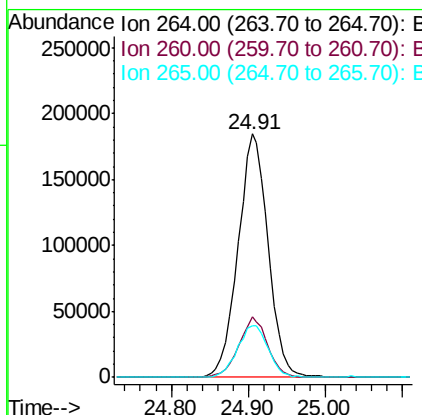
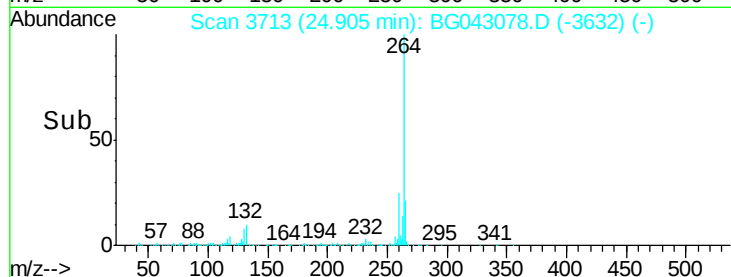
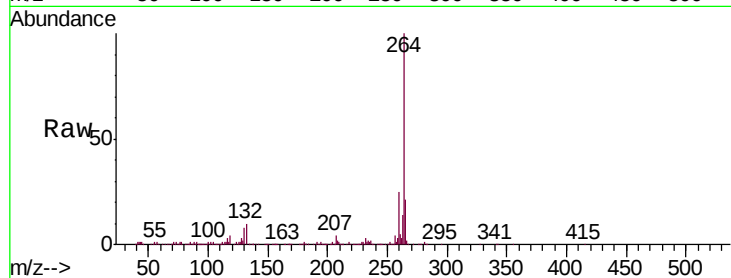
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3713
Delta R.T. -0.05 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
PB123704BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.7	28.1
265	21.5	17.7	26.5

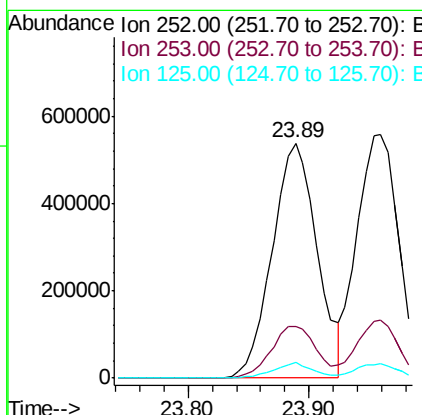
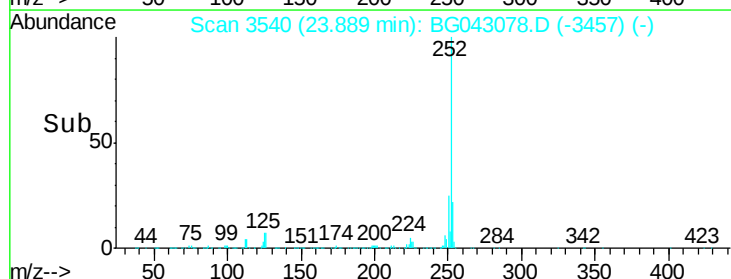
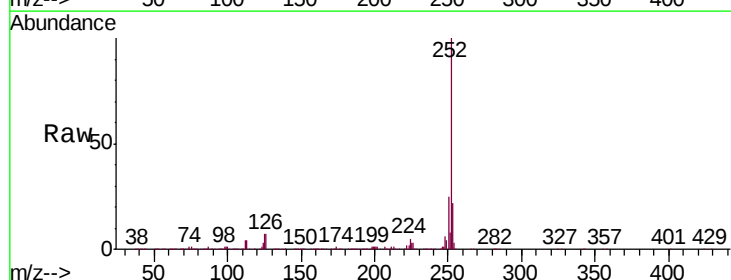
Manual Integrations
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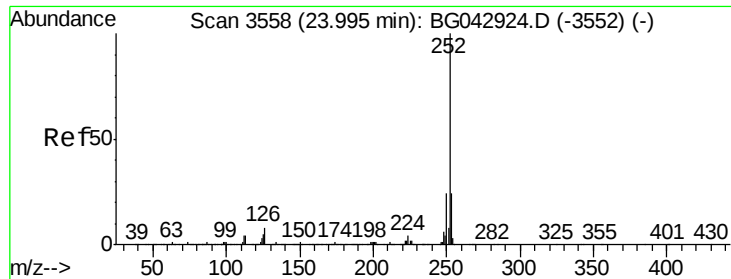
mohammad
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#88
Benzo(b)fluoranthene
Concen: 48.569 ng
RT: 23.89 min Scan# 3540
Delta R.T. -0.04 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	6.5	4.6	7.0





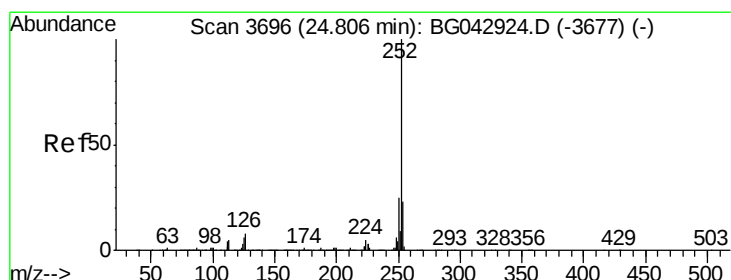
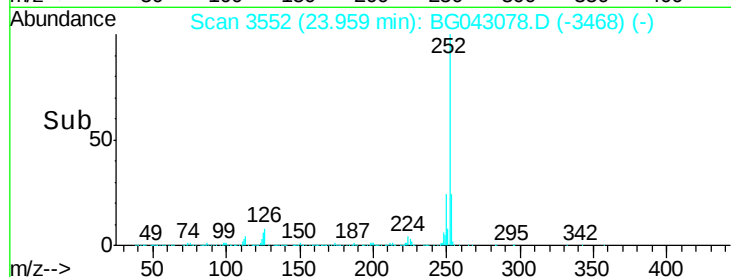
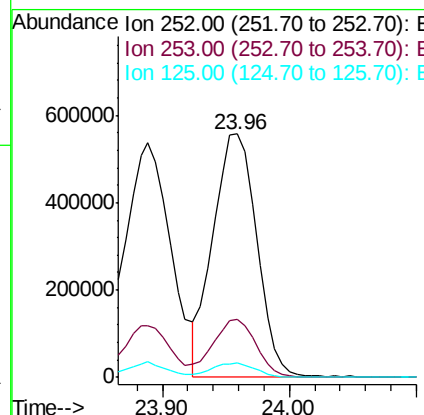
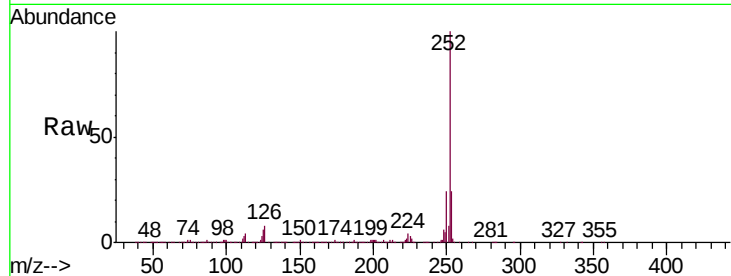
#89
Benzo(k)fluoranthene
Concen: 47.184 ng
RT: 23.96 min Scan# 3552
Delta R.T. -0.04 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
PB123704BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.9	28.3
125	5.9	4.5	6.7

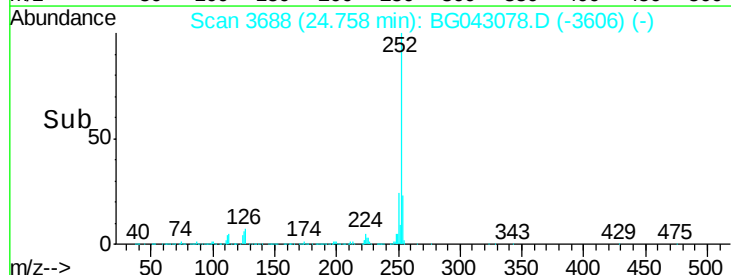
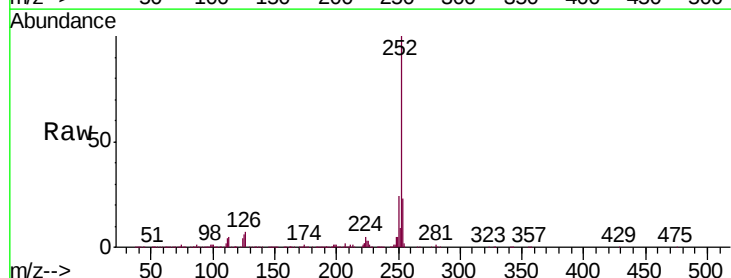
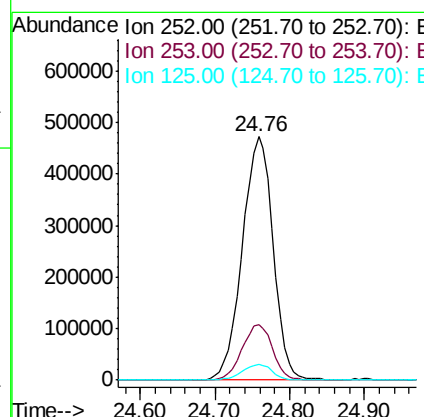
Manual Integrations
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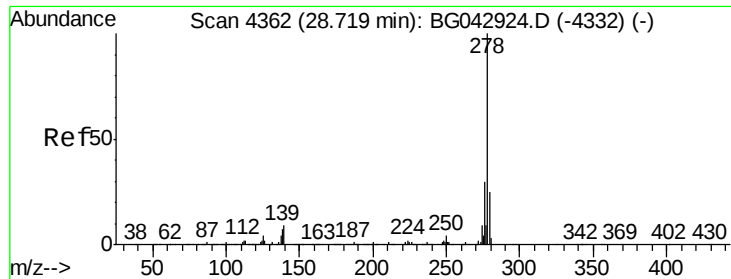
mohammad
10/8/2019 12:22:52 PM



#90
Benzo(a)pyrene
Concen: 50.226 ng
RT: 24.76 min Scan# 3688
Delta R.T. -0.05 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	6.2	5.0	7.6





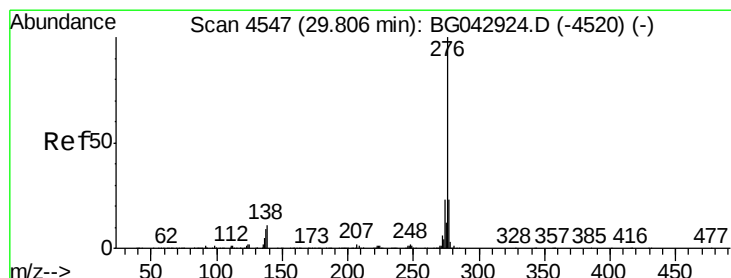
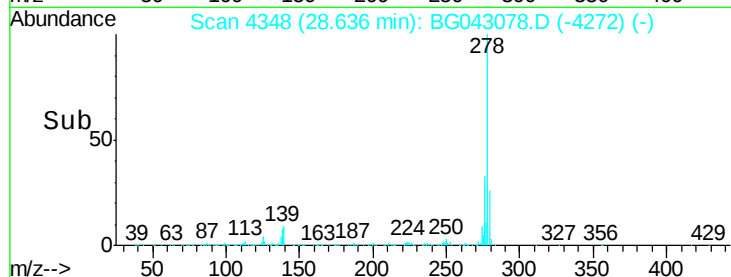
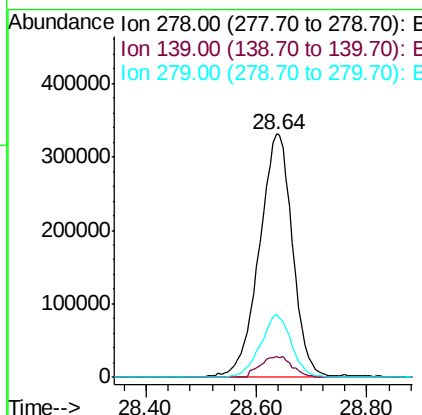
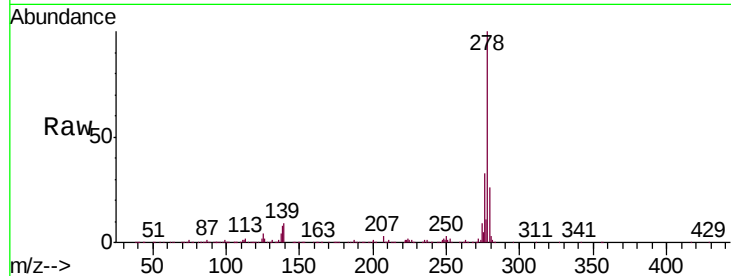
#91
Dibenzo(a,h)anthracene
Concen: 50.268 ng
RT: 28.64 min Scan# 4348
Delta R.T. -0.08 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
PB123704BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.6	6.8	10.2
279	25.7	20.1	30.1

Manual Integrations
APPROVED

mohammad
10/8/2019 12:22:52 PM



#92
Benzo(g,h,i)perylene
Concen: 50.995 ng
RT: 29.72 min Scan# 4533
Delta R.T. -0.08 min
Lab File: BG043078.D
Acq: 7 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.4	27.6
138	12.8	8.6	12.8

