

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
 Data File : BG043581.D
 Acq On : 8 Nov 2019 22:32
 Operator : JU
 Sample : K5742-12MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-38-(2-4)MSD

Manual Integrations
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mohammad
 11/11/2019 4:52:05 PM

Quant Time: Nov 11 03:51:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	28015	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	106898	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	78422	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	192291	20.00	ng	0.00
76) Chrysene-d12	21.65	240	194731	20.00	ng	0.00
87) Perylene-d12	24.84	264	230364	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	226749	148.32	ng	0.01
7) Phenol-d6	7.21	99	322822	146.76	ng	0.01
23) Nitrobenzene-d5	9.17	82	194237	93.68	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	207840	139.27	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	501403	88.35	ng	0.00
79) Terphenyl-d14	19.99	244	967346	93.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	24105	40.460	ng	# 94
3) Pyridine	3.86	79	62108	41.326	ng	89
4) n-Nitrosodimethylamine	3.78	42	39270	51.783	ng	88
6) Aniline	7.34	93	55883	22.054	ng	97
8) 2-Chlorophenol	7.58	128	85591	50.716	ng	96
9) Benzaldehyde	7.14	77	43770	40.491	ng	97
10) Phenol	7.24	94	118961	59.184	ng	96
11) bis(2-Chloroethyl)ether	7.42	93	72043	46.359	ng	92
12) 1,3-Dichlorobenzene	7.89	146	96388	45.585	ng	97
13) 1,4-Dichlorobenzene	8.04	146	97804	45.717	ng	97
14) 1,2-Dichlorobenzene	8.36	146	94340	45.164	ng	97
15) Benzyl Alcohol	8.25	79	77255	50.010	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	96752	42.817	ng	97
17) 2-Methylphenol	8.48	107	75976	51.850	ng	97
18) Hexachloroethane	9.09	117	33962	44.001	ng	98
19) n-Nitroso-di-n-propylamine	8.81	70	63366	44.581	ng	95
20) 3+4-Methylphenols	8.81	107	100843	50.188	ng	91
22) Acetophenone	8.83	105	127095	46.427	ng	# 92
24) Nitrobenzene	9.21	77	96844	49.029	ng	# 95
25) Isophorone	9.73	82	180518	47.619	ng	99
26) 2-Nitrophenol	9.92	139	50442	52.896	ng	94
27) 2,4-Dimethylphenol	10.00	122	82385	60.277	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	95866	45.819	ng	98
29) 2,4-Dichlorophenol	10.48	162	92248	52.676	ng	97
30) 1,2,4-Trichlorobenzene	10.67	180	104166	47.194	ng	99
31) Naphthalene	10.86	128	268383	49.462	ng	98
32) Benzoic acid	10.19	122	44953	44.003	ng	97
33) 4-Chloroaniline	10.98	127	29002	13.039	ng	# 97
34) Hexachlorobutadiene	11.14	225	72501	44.436	ng	98
35) Caprolactam	11.75	113	30469m	50.518	ng	
36) 4-Chloro-3-methylphenol	12.12	107	102681	53.754	ng	98
37) 2-Methylnaphthalene	12.47	142	207246	49.779	ng	98
38) 1-Methylnaphthalene	12.68	142	198871	50.203	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	134082	46.199	ng	98

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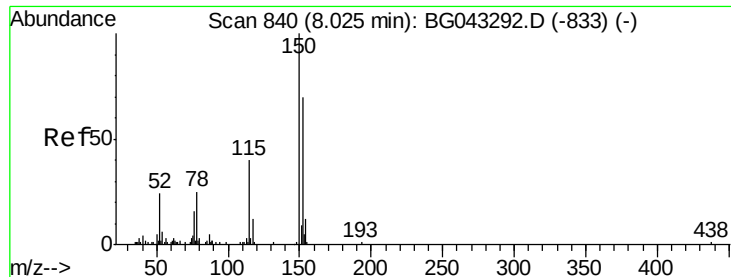
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	124380	81.583	nq	98
43) 2,4,6-Trichlorophenol	13.08	196	84878	49.660	nq	97
44) 2,4,5-Trichlorophenol	13.17	196	91739	53.091	nq	94
46) 1,1'-Biphenyl	13.47	154	281142	47.125	nq	98
47) 2-Chloronaphthalene	13.51	162	213584	47.052	nq	99
48) 2-Nitroaniline	13.72	65	68442	50.447	nq	96
49) Acenaphthylene	14.36	152	367055	51.956	nq	100
50) Dimethylphthalate	14.09	163	349118	57.474	nq	98
51) 2,6-Dinitrotoluene	14.21	165	65348	49.520	nq	96
52) Acenaphthene	14.70	154	213173	49.479	nq	99
53) 3-Nitroaniline	14.56	138	26455	20.764	nq	95
54) 2,4-Dinitrophenol	14.76	184	58652	71.979	nq	97
55) Dibenzofuran	15.03	168	352666	50.477	nq	97
56) 4-Nitrophenol	14.90	139	91045	106.635	nq	92
57) 2,4-Dinitrotoluene	15.00	165	94048	49.869	nq	# 94
58) Fluorene	15.69	166	296654	50.625	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	92943	50.626	nq	95
60) Diethylphthalate	15.45	149	290850	47.654	nq	99
61) 4-Chlorophenyl-phenylether	15.67	204	167061	48.870	nq	98
62) 4-Nitroaniline	15.71	138	59899	45.523	nq	97
63) Azobenzene	15.97	77	253089	51.237	nq	97
65) 4,6-Dinitro-2-methylphenol	15.77	198	53813	47.553	nq	95
66) n-Nitrosodiphenylamine	15.89	169	265815	48.963	nq	97
67) 4-Bromophenyl-phenylether	16.57	248	119367	46.127	nq	95
68) Hexachlorobenzene	16.69	284	135207	45.517	nq	97
69) Atrazine	16.84	200	115947	61.464	nq	96
70) Pentachlorophenol	17.04	266	121269	89.594	nq	97
71) Phenanthrene	17.42	178	475275	48.267	nq	99
72) Anthracene	17.52	178	497559	50.504	nq	98
73) Carbazole	17.79	167	441669	49.506	nq	98
74) Di-n-butylphthalate	18.34	149	514856	47.561	nq	98
75) Fluoranthene	19.43	202	613693	47.806	nq	99
77) Benzidine	19.62	184	182389	46.539	nq	100
78) Pyrene	19.80	202	623775	51.750	nq	100
80) Butylbenzylphthalate	20.68	149	227098	49.730	nq	99
81) Benzo(a)anthracene	21.63	228	622779	51.057	nq	99
82) 3,3'-Dichlorobenzidine	21.55	252	125699	26.643	nq	99
83) Chrysene	21.70	228	610162	50.346	nq	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	328768	50.681	nq	100
85) Di-n-octyl phthalate	22.72	149	566737	51.495	nq	100
86) Indeno(1,2,3-cd)pyrene	28.48	276	785995	51.666	nq	# 99
88) Benzo(b)fluoranthene	23.83	252	638743	48.957	nq	100
89) Benzo(k)fluoranthene	23.89	252	651218	49.580	nq	98
90) Benzo(a)pyrene	24.69	252	611719	49.098	nq	98
91) Dibenzo(a,h)anthracene	28.53	278	662722	52.004	nq	98
92) Benzo(g,h,i)perylene	29.62	276	662027	52.665	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG043581.D

Acq: 8 Nov 2019 22:32

Instrument :

BNA_G

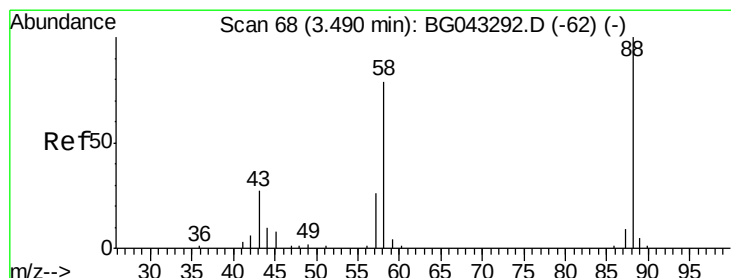
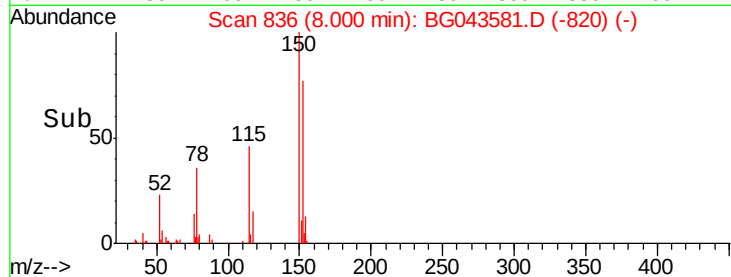
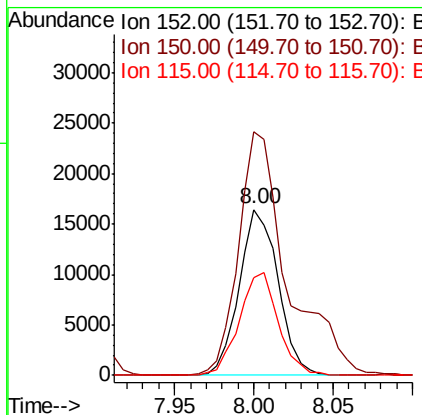
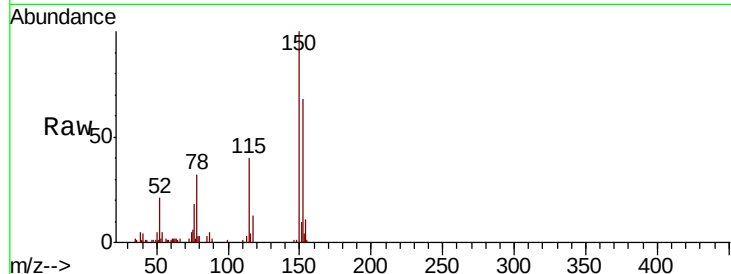
ClientSampleId :

SB-38-(2-4)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.0	129.4	194.0
115	58.9	48.8	73.2

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#2

1,4-Dioxane

Concen: 40.460 ng

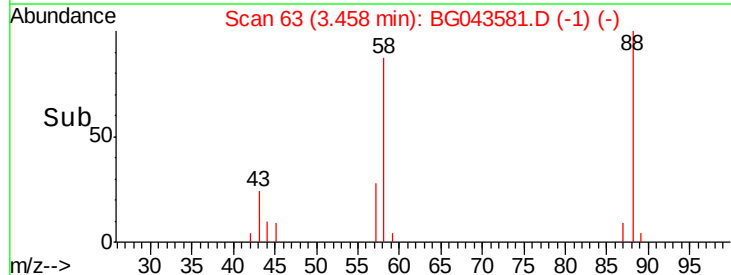
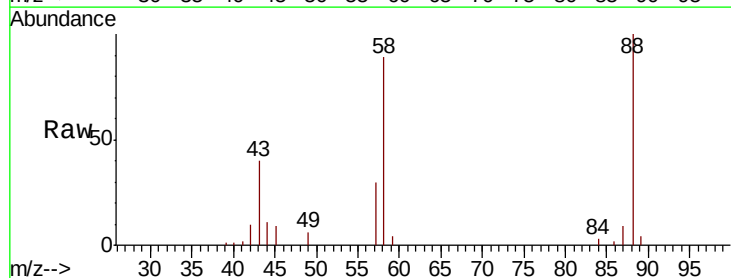
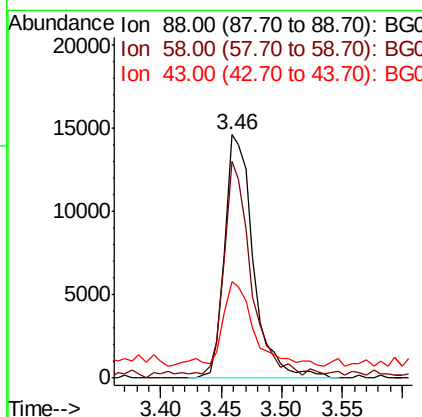
RT: 3.46 min Scan# 63

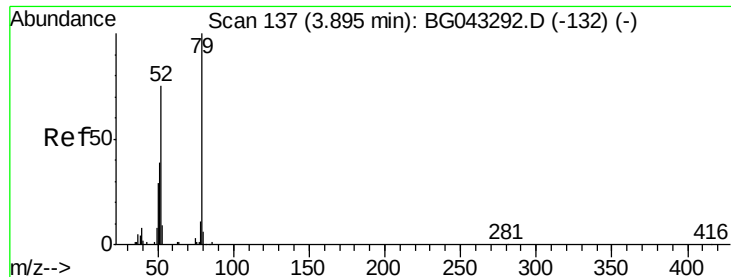
Delta R.T. -0.01 min

Lab File: BG043581.D

Acq: 8 Nov 2019 22:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.9	62.7	94.1
43	35.6	23.7	35.5





#3

Pvridine

Concen: 41.326 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.01 min

Lab File: BG043581.D

Acq: 8 Nov 2019 22:32

Instrument :

BNA_G

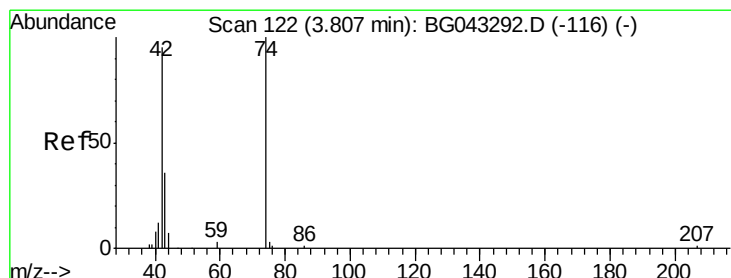
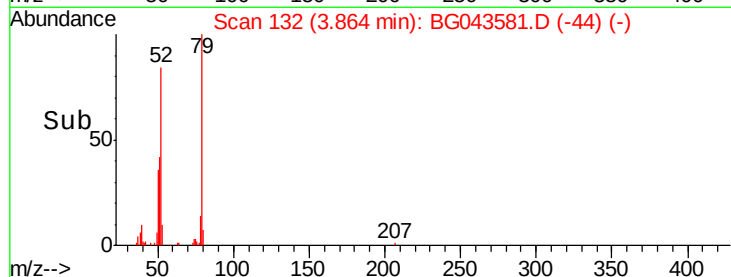
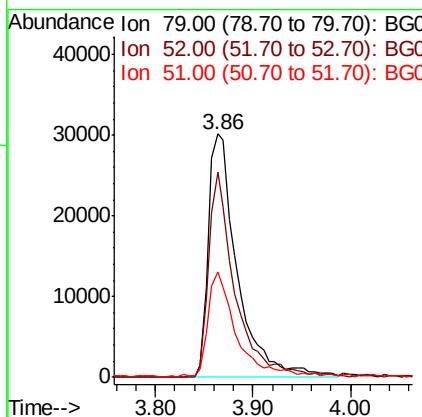
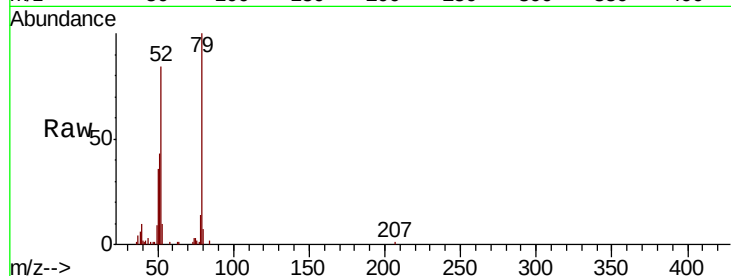
ClientSampleId :

SB-38-(2-4)MSD

Tot Ion:	79	Resp:	62108
Ion Ratio	Lower	Upper	
79	100		
52	84.1	56.5	84.7
51	43.2	33.2	49.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 51.783 ng

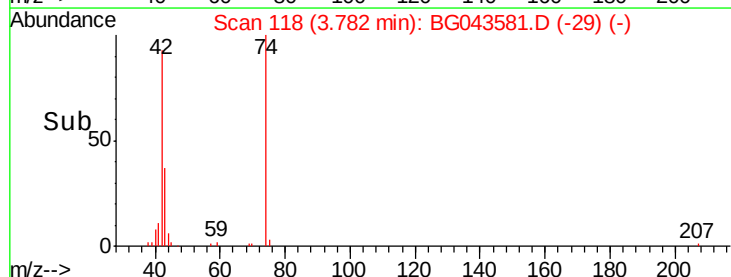
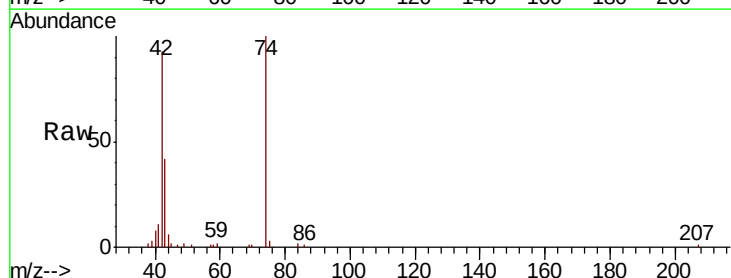
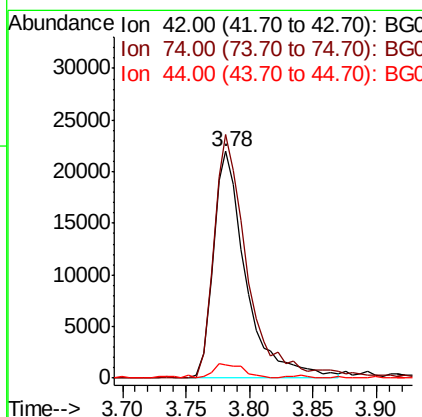
RT: 3.78 min Scan# 118

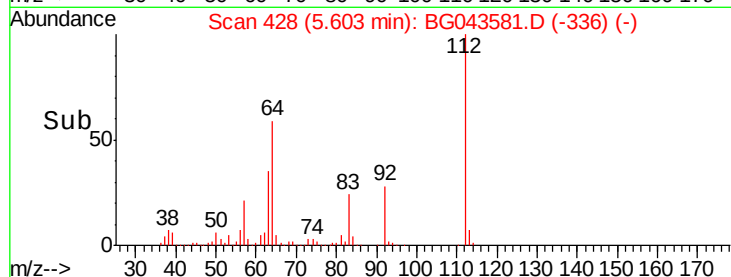
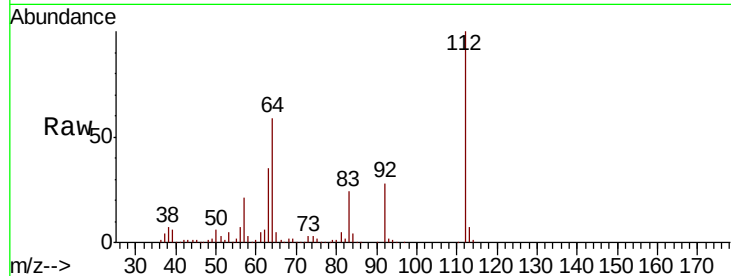
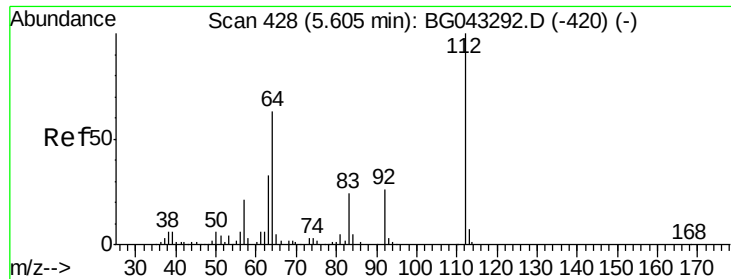
Delta R.T. -0.01 min

Lab File: BG043581.D

Acq: 8 Nov 2019 22:32

Tgt Ion:	42	Resp:	39270
Ion Ratio	Lower	Upper	
42	100		
74	107.5	97.3	145.9
44	5.9	4.4	6.6





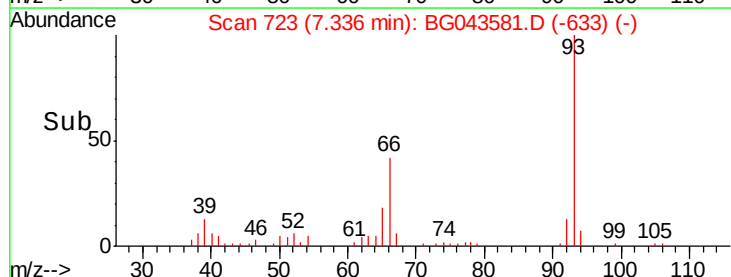
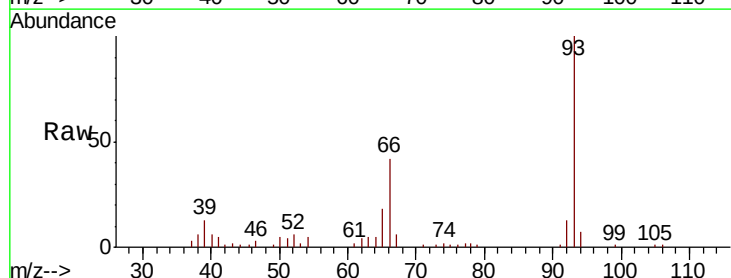
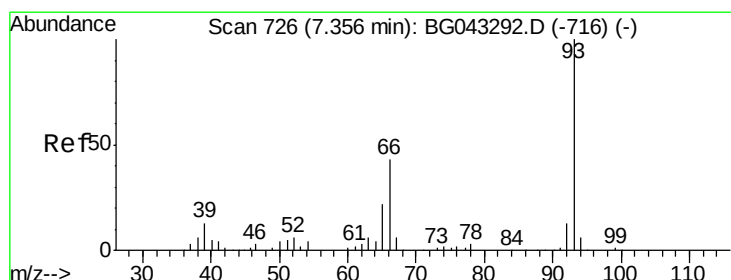
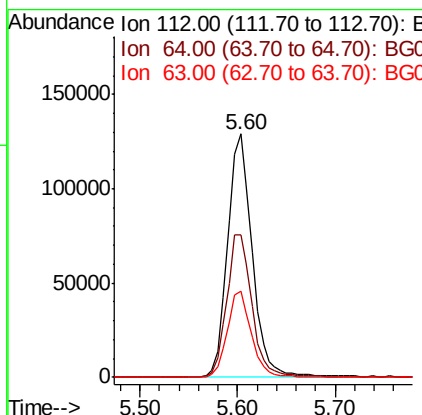
#5
2-Fluorophenol
Concen: 148.315 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Tot Ion	Ratio	Resp	Lower	Upper
112	100	226749		
64	58.7		50.0	75.0
63	35.1		26.6	40.0

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MSD

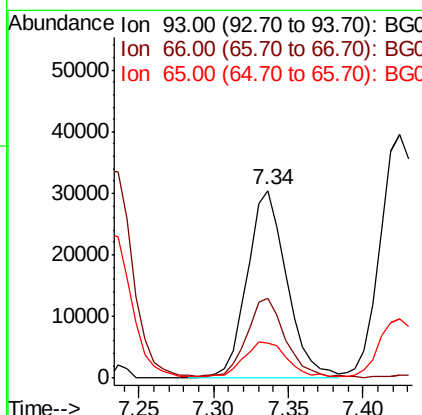
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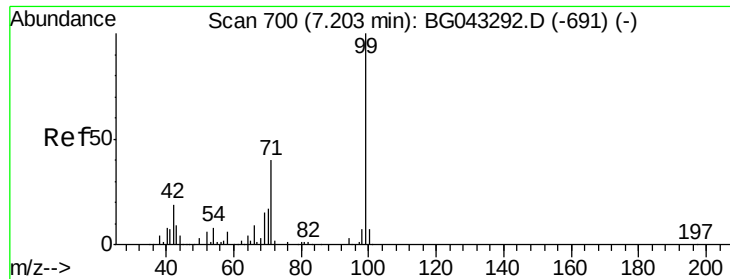
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#6
Aniline
Concen: 22.054 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	55883		
66	42.4		32.3	48.5
65	18.4		16.1	24.1





#7

Phenol-d6

Concen: 146.762 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043581.D

Acq: 8 Nov 2019 22:32

Instrument :

BNA_G

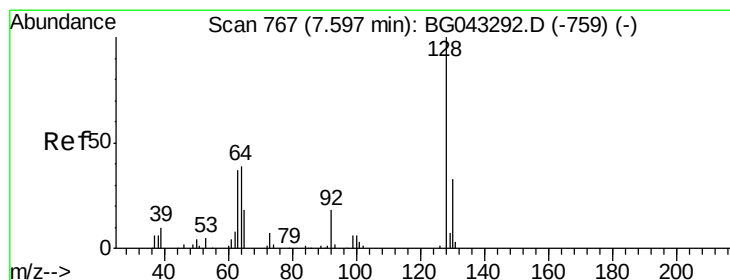
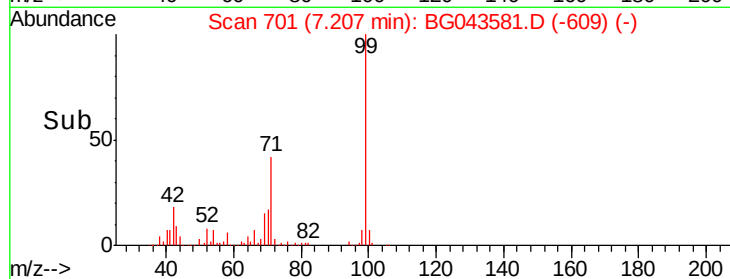
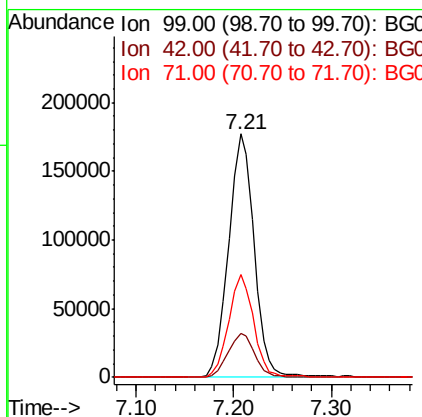
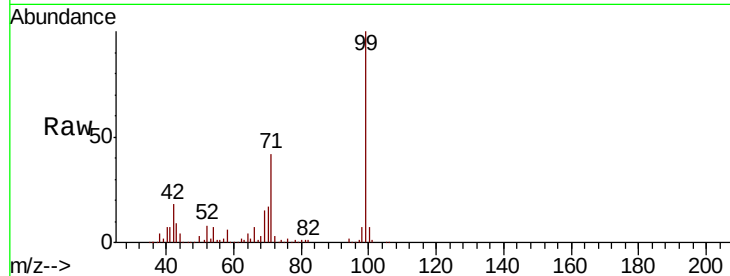
ClientSampleId :

SB-38-(2-4)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		322822		
42	18.0	14.6	21.8		
71	42.2	32.5	48.7		

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#8

2-Chlorophenol

Concen: 50.716 ng

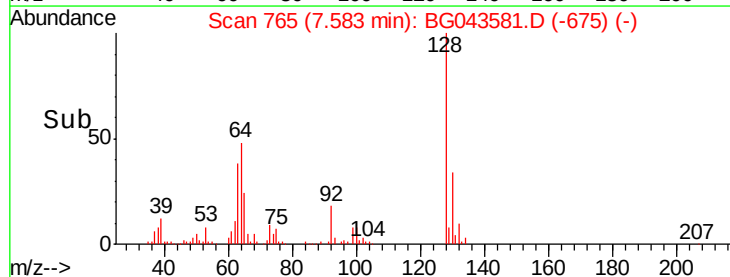
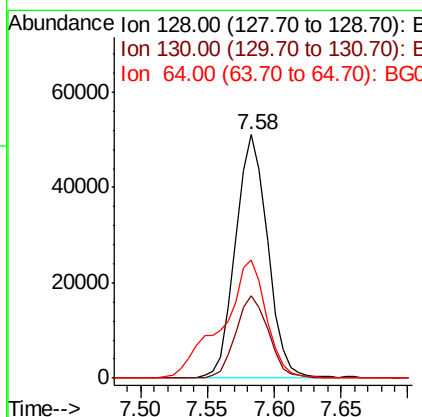
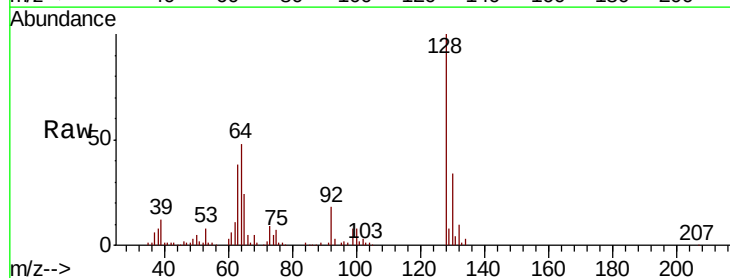
RT: 7.58 min Scan# 765

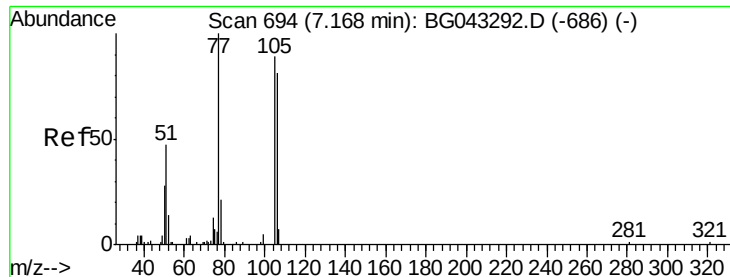
Delta R.T. -0.00 min

Lab File: BG043581.D

Acq: 8 Nov 2019 22:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		85591		
130	33.9	12.5	52.5		
64	48.3	25.3	65.3		





#9

Benzaldehyde

Concen: 40.491 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG043581.D

Acq: 8 Nov 2019 22:32

Instrument :

BNA_G

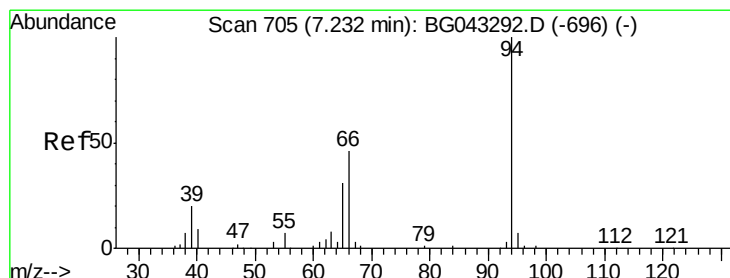
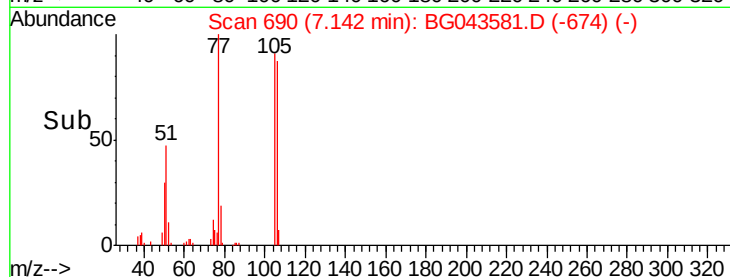
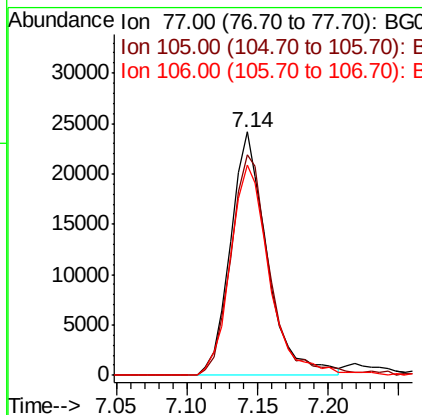
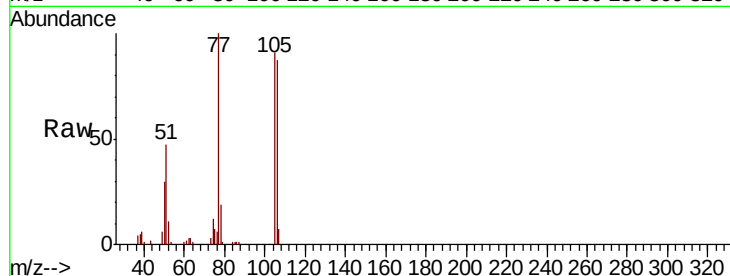
ClientSampleId :

SB-38-(2-4)MSD

Tot Ion:	77	Resp:	43770
Ion	Ratio	Lower	Upper
77	100		
105	90.6	68.6	108.6
106	86.6	69.9	109.9

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#10

Phenol

Concen: 59.184 ng

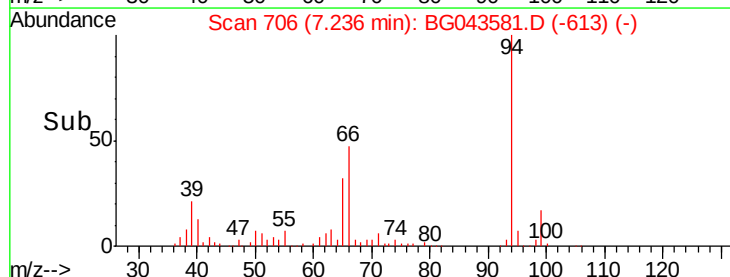
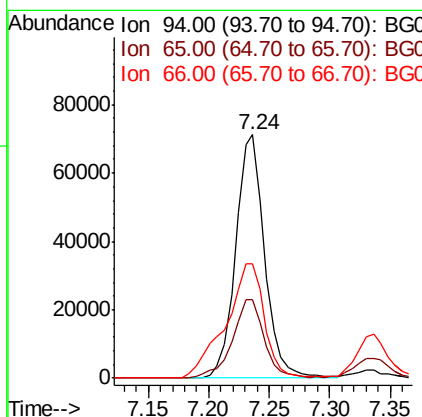
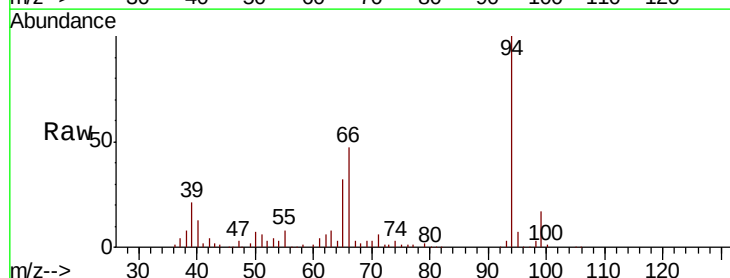
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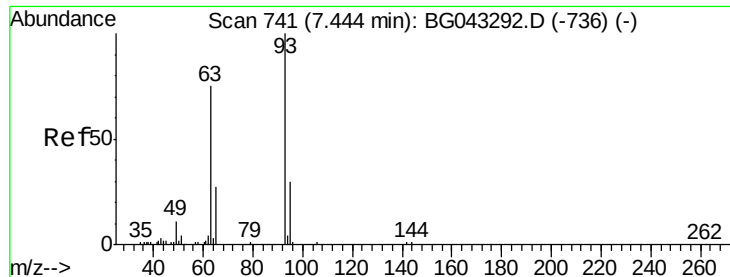
Delta R.T. 0.02 min

Lab File: BG043581.D

Acq: 8 Nov 2019 22:32

Tgt Ion:	94	Resp:	118961
Ion	Ratio	Lower	Upper
94	100		
65	32.1	12.6	52.6
66	47.1	30.7	70.7





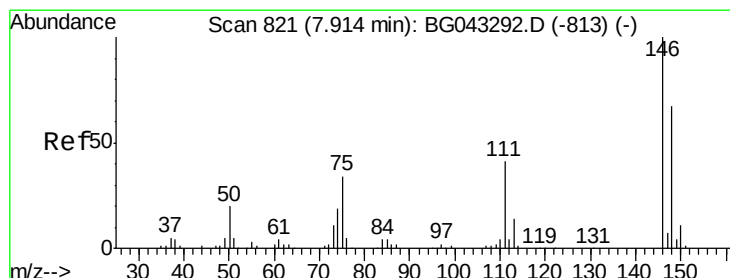
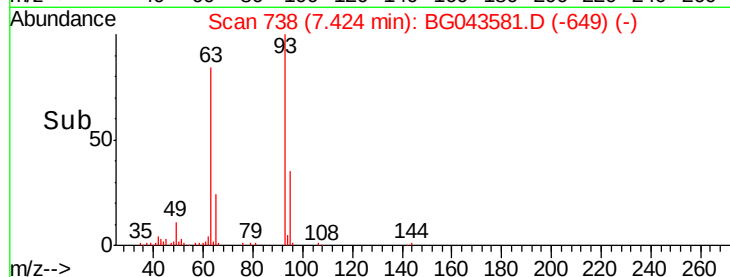
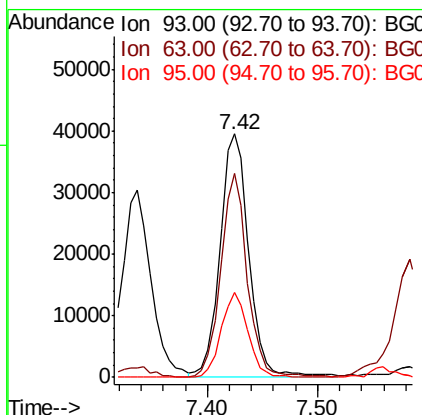
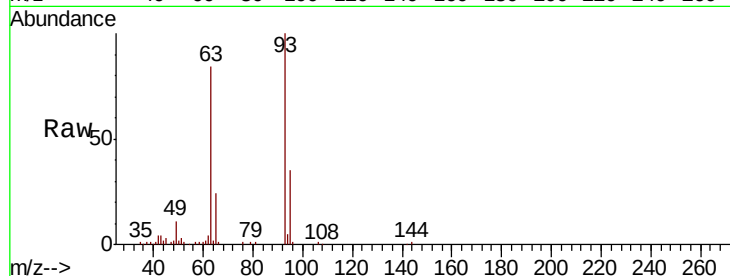
#11
bis(2-Chloroethyl)ether
Concen: 46.359 ng
RT: 7.42 min Scan# 738
Delta R.T. -0.01 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.0	56.3	96.3
95	35.0	12.2	52.2

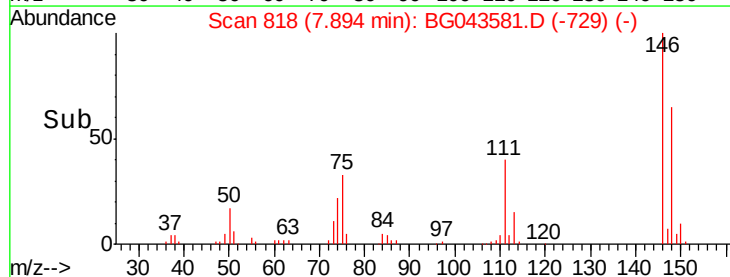
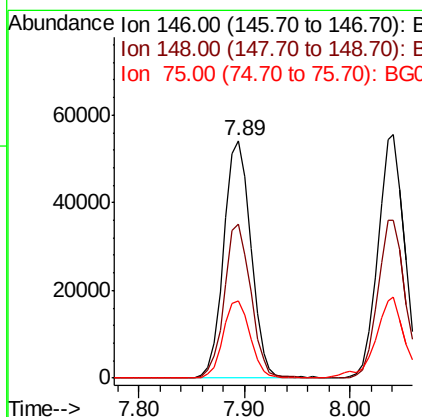
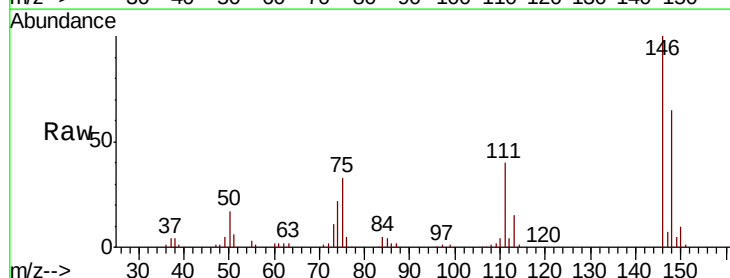
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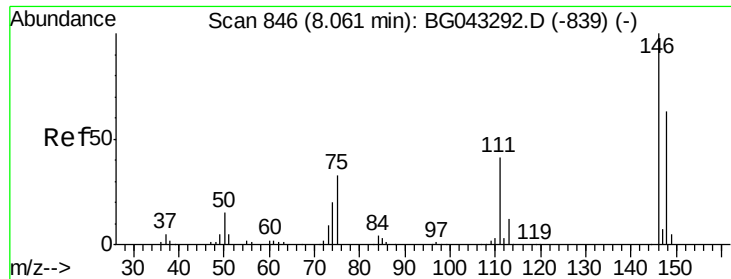
mohammad
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#12
1,3-Dichlorobenzene
Concen: 45.585 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.3	75.5
75	32.6	24.6	37.0





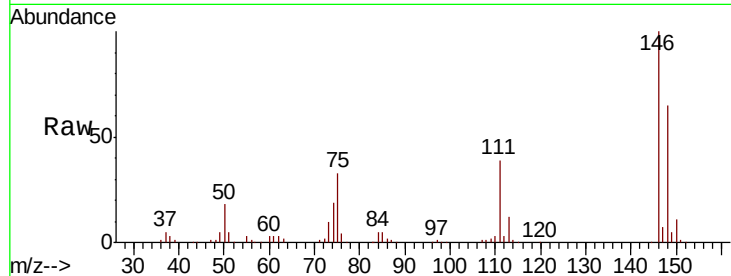
#13
1,4-Dichlorobenzene
Concen: 45.717 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.7	76.1
111	38.5	33.4	50.2

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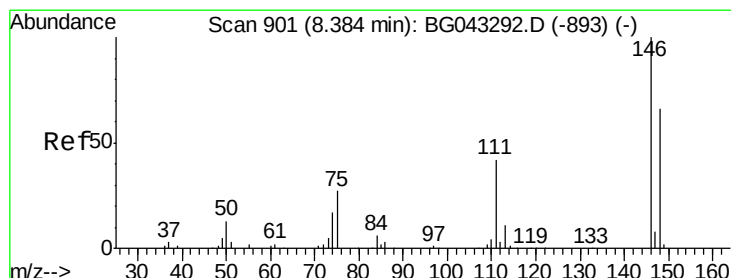
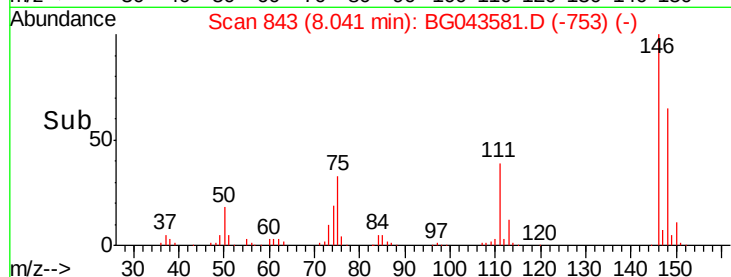
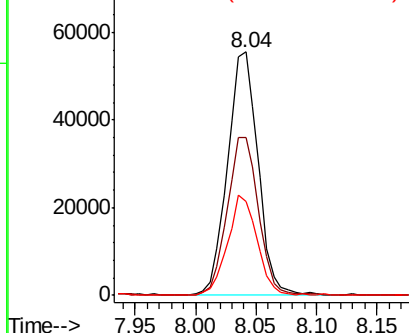


Abundance

Ion 146.00 (145.70 to 146.70): E

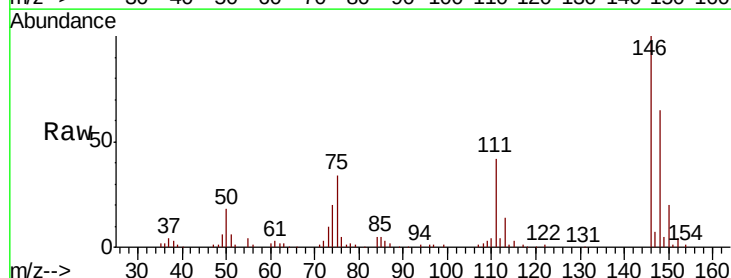
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 45.164 ng
RT: 8.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	53.2	79.8
111	42.0	35.8	53.6

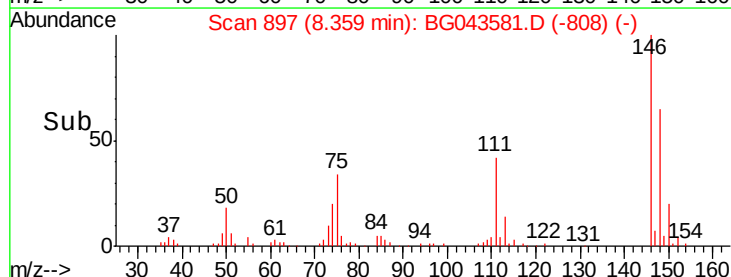
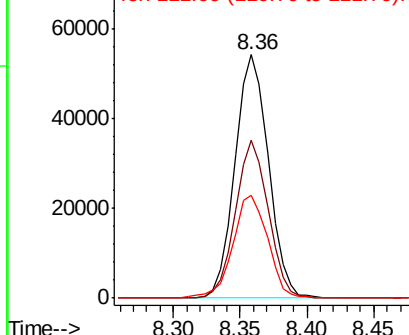


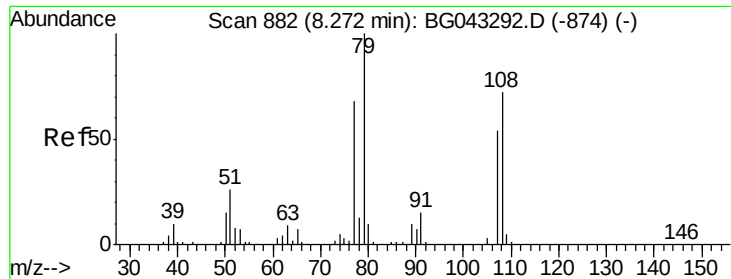
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





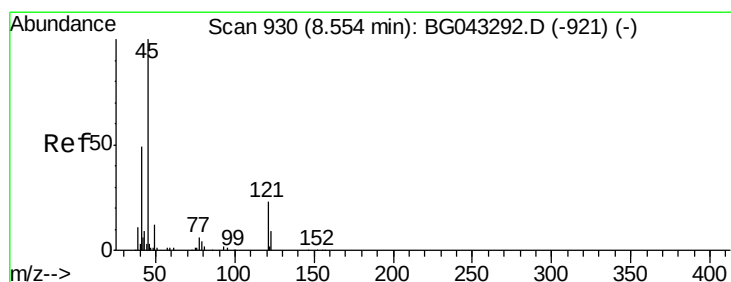
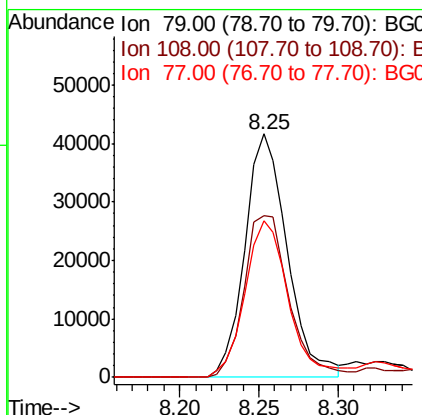
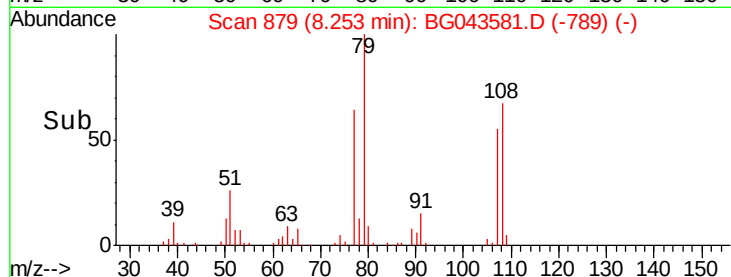
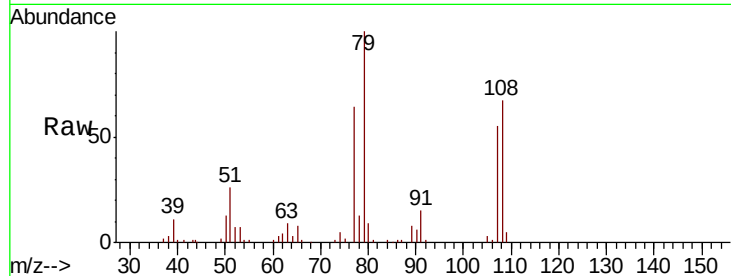
#15
Benzyl Alcohol
Concen: 50.010 ng
RT: 8.25 min Scan# 879
Delta R.T. -0.00 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	66.6	53.6	80.4
77	64.4	49.6	74.4

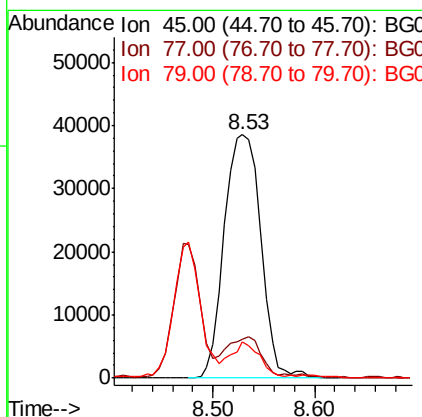
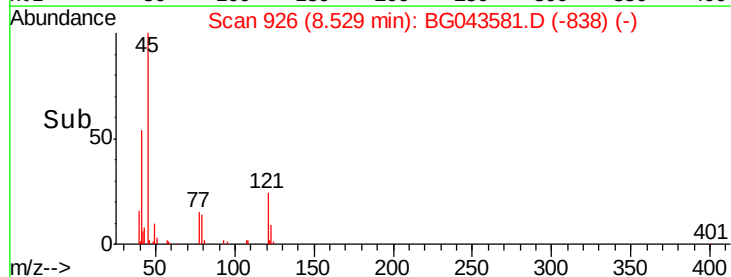
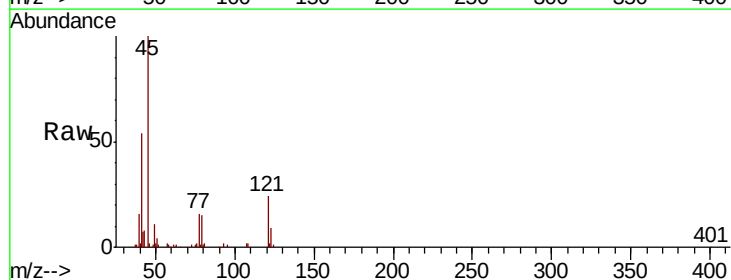
Manual Integrations
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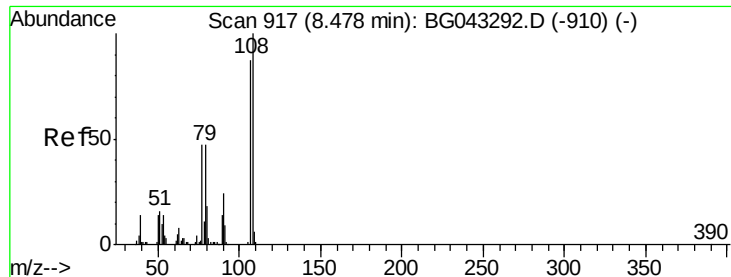
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.817 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.8	0.0	34.9
79	14.7	0.0	33.0





#17

2-Methylphenol

Concen: 51.850 ng

RT: 8.48 min Scan# 917

Delta R.T. 0.01 min

Lab File: BG043581.D

Acq: 8 Nov 2019 22:32

Instrument :

BNA_G

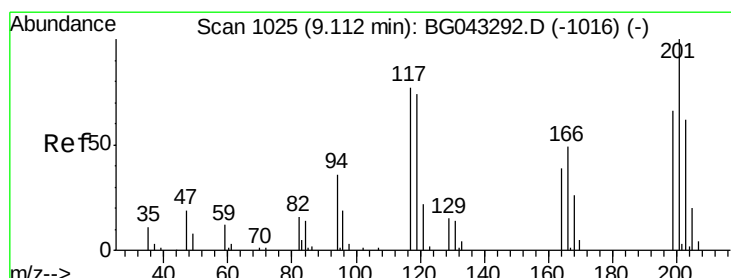
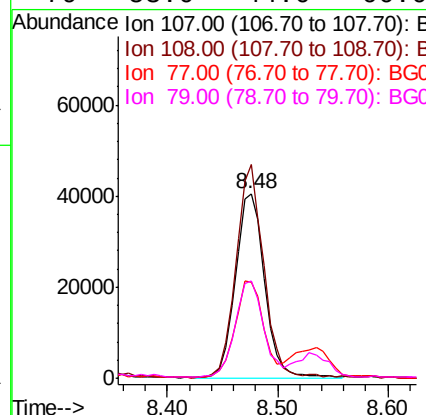
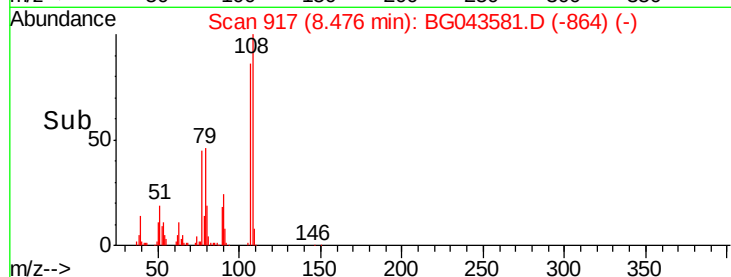
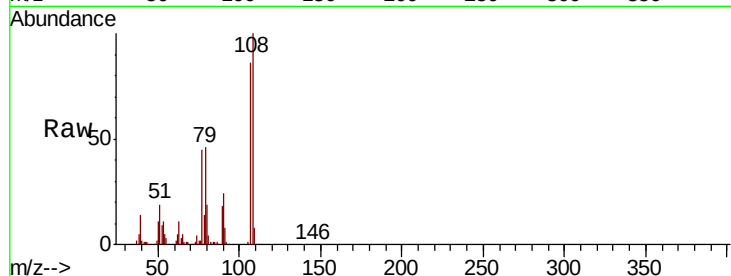
ClientSampleId :

SB-38-(2-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.8	90.2	135.4	
77	52.2	40.2	60.2	
79	53.0	44.0	66.0	

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#18

Hexachloroethane

Concen: 44.001 ng

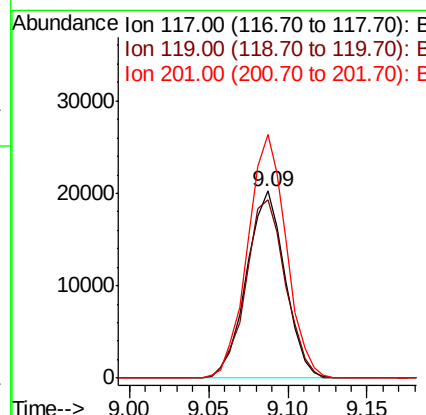
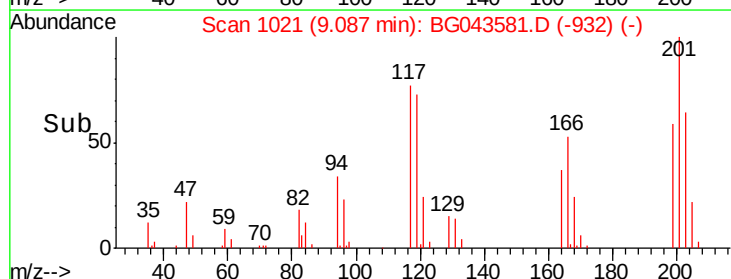
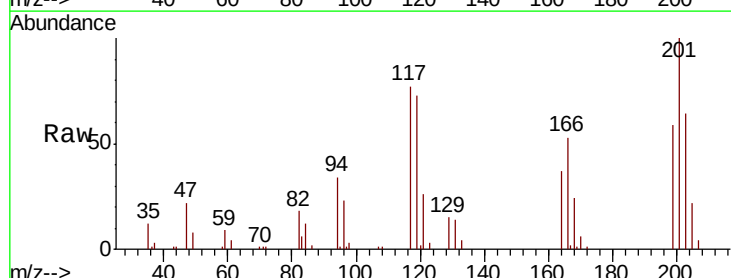
RT: 9.09 min Scan# 1021

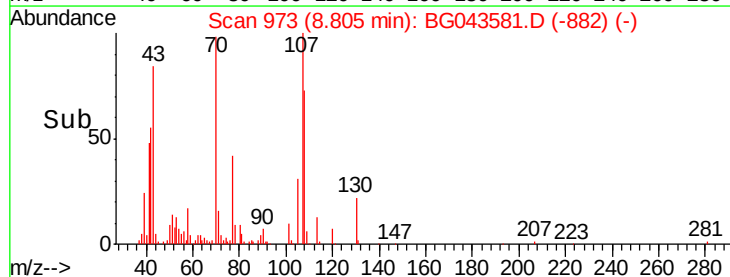
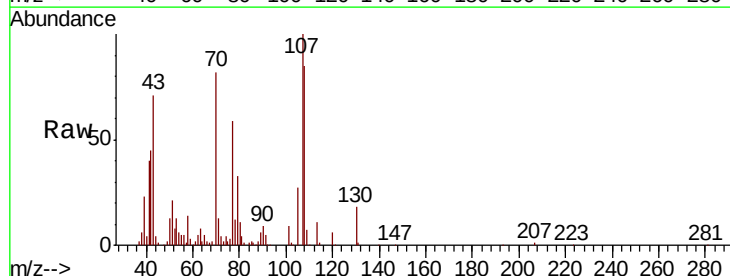
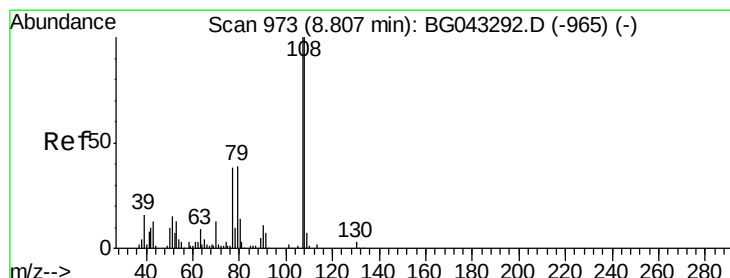
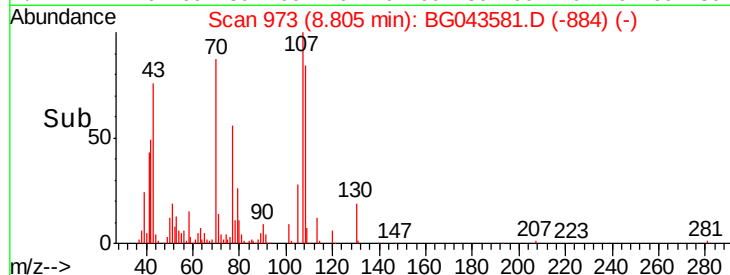
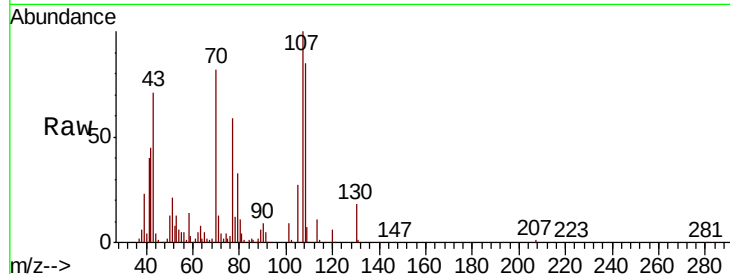
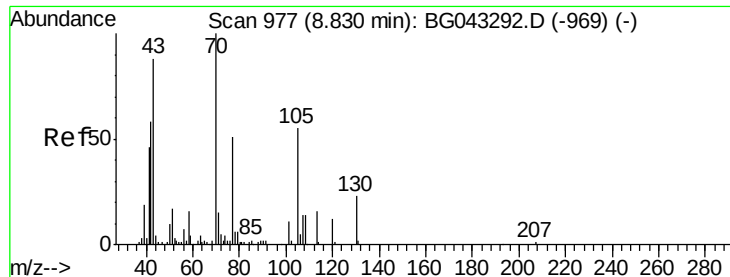
Delta R.T. -0.01 min

Lab File: BG043581.D

Acq: 8 Nov 2019 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	79.0	118.4	
201	130.4	105.4	158.2	





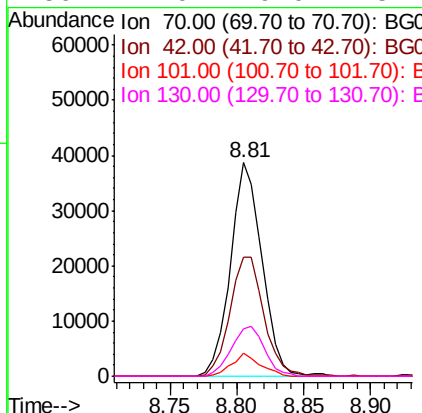
#19
n-Nitroso-di-n-propylamine
Concen: 44.581 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.8	41.4	62.2	
101	10.7	7.9	11.9	
130	22.0	19.0	28.4	

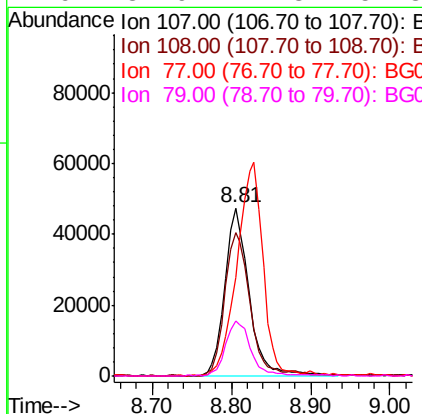
Manual Integrations
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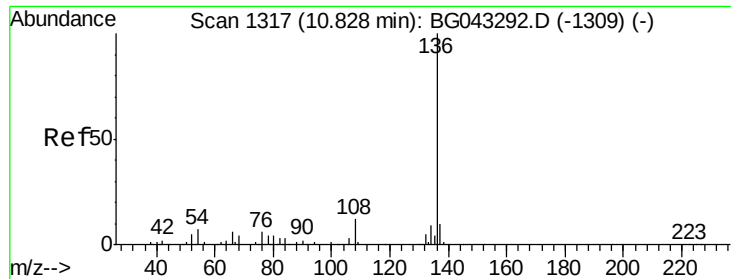
mohammad
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#20
3+4-Methylphenols
Concen: 50.188 ng
RT: 8.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.4	66.6	106.6	
77	58.6	20.9	60.9	
79	32.9	11.3	51.3	





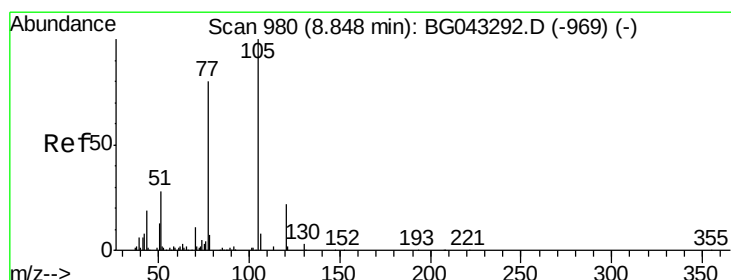
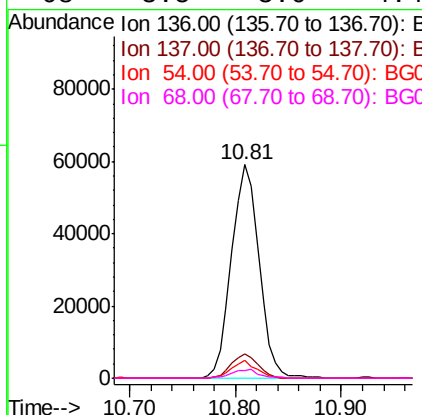
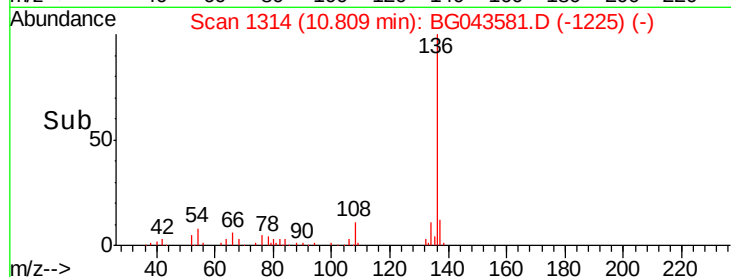
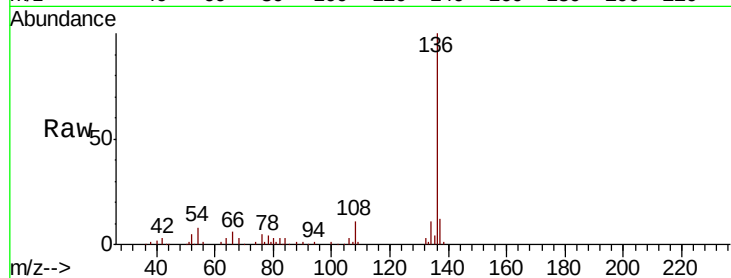
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	106898		
137	11.5	8.7	13.1	
54	8.3	5.4	8.2#	
68	3.5	3.0	4.4	

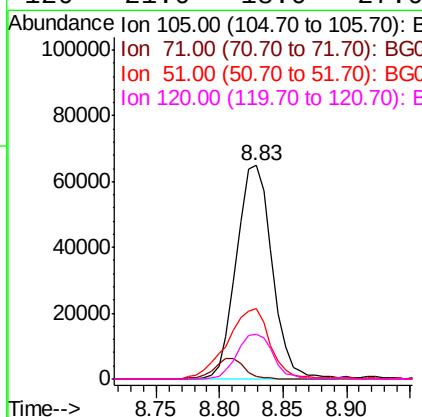
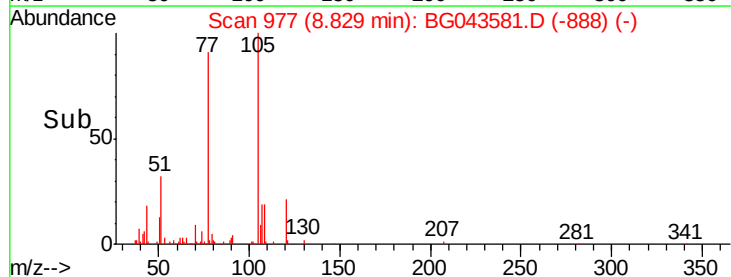
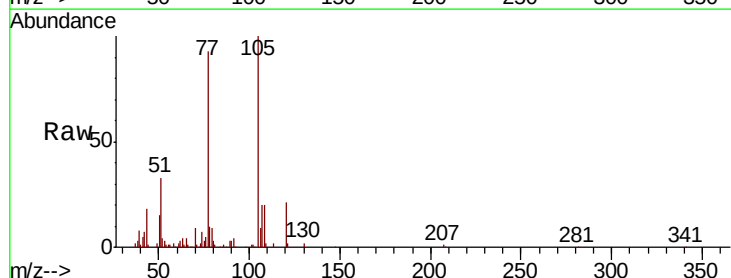
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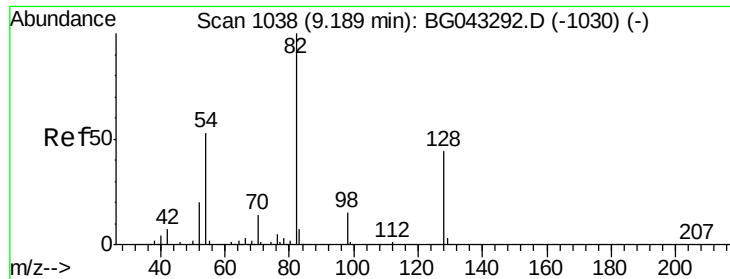
mohammad
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#22
Acetophenone
Concen: 46.427 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	127095		
71	1.3	0.8	1.2#	
51	32.8	21.0	31.4#	
120	21.0	18.0	27.0	





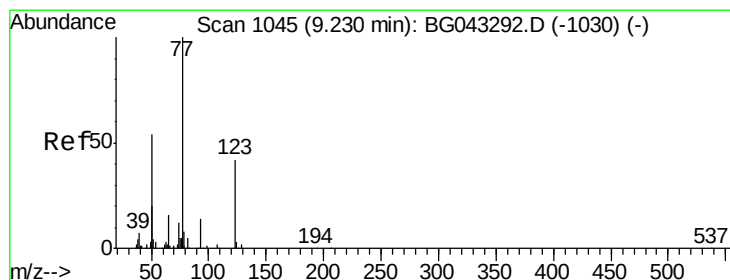
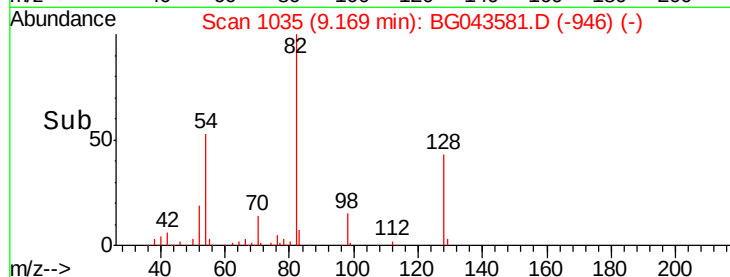
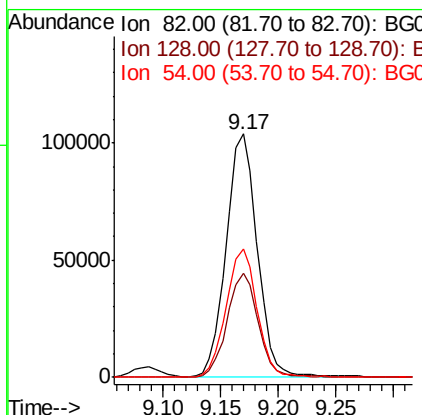
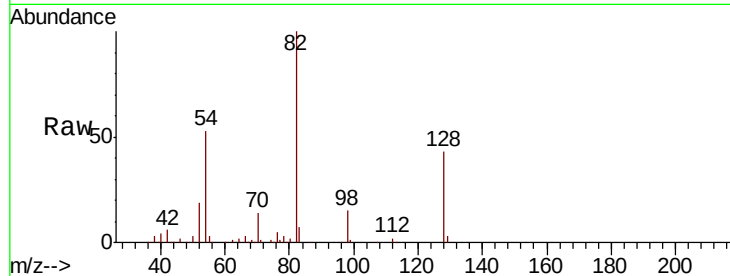
#23
Nitrobenzene-d5
Concen: 93.676 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	35.0	52.6
54	52.6	40.2	60.2

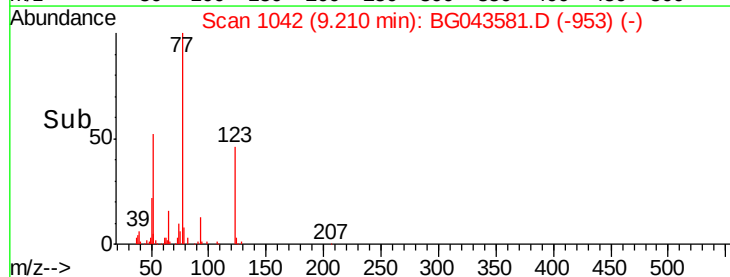
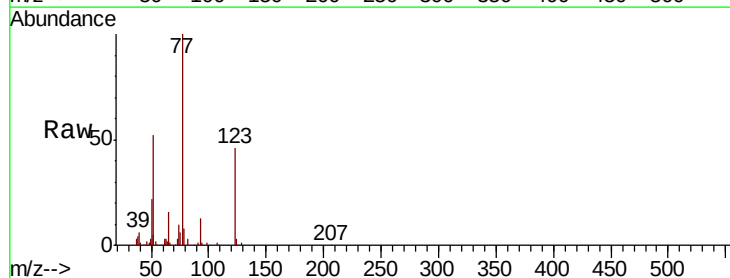
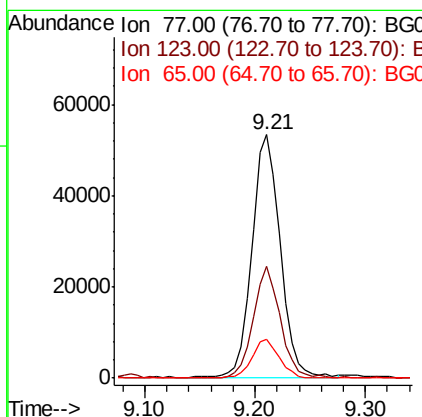
Manual Integrations
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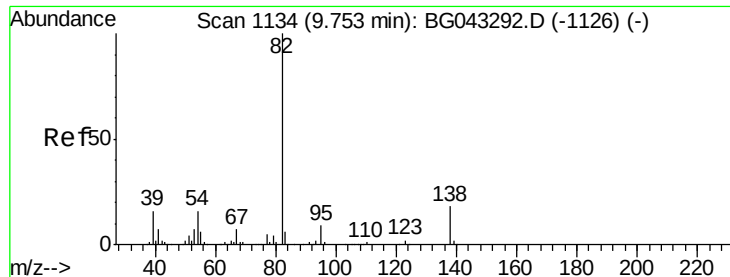
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#24
Nitrobenzene
Concen: 49.029 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.0	35.0	52.6
65	16.2	9.5	14.3#





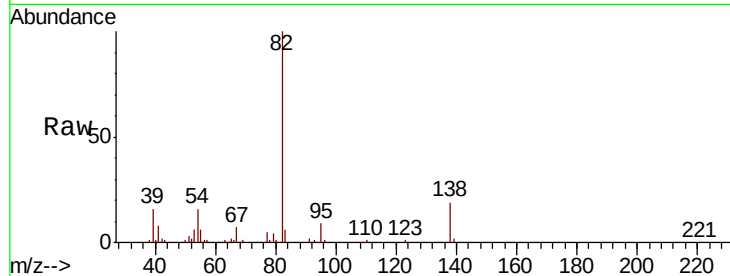
#25
Isophorone
Concen: 47.619 ng
RT: 9.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MSD

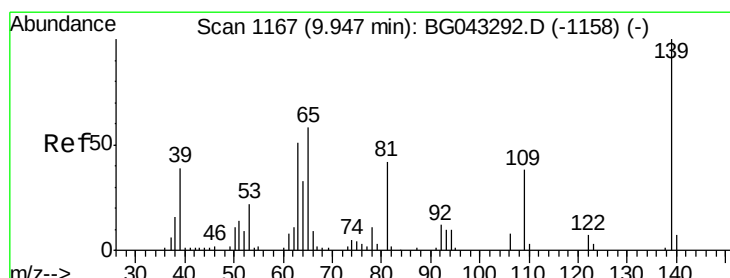
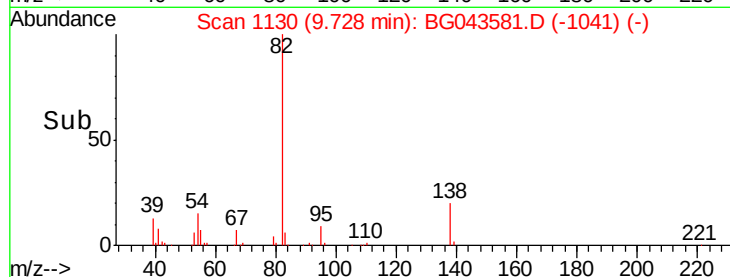
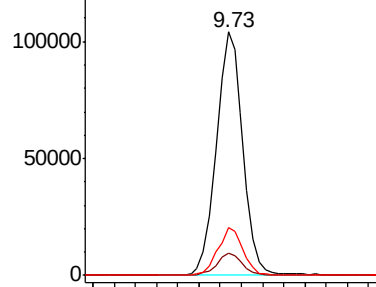
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.9	6.6	9.8	
138	19.4	15.2	22.8	

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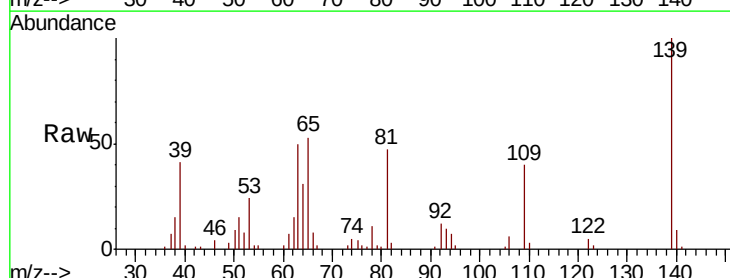


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

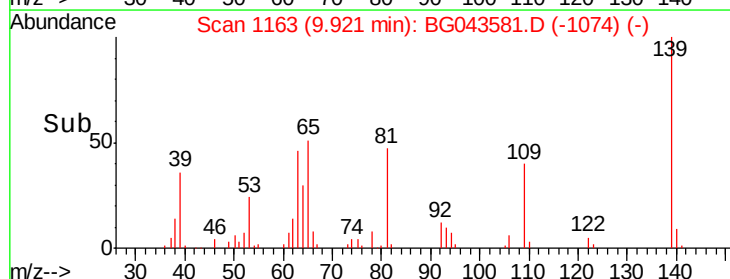
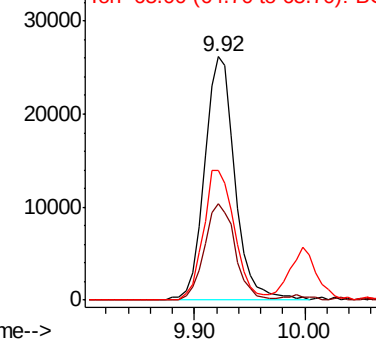


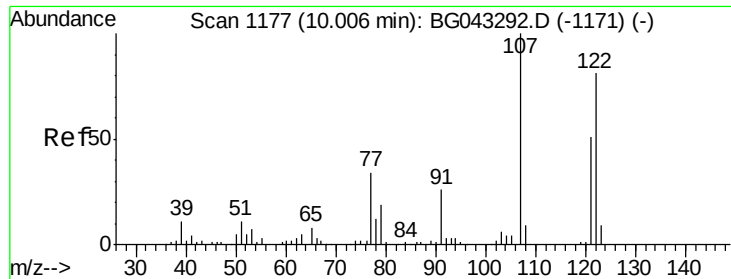
#26
2-Nitrophenol
Concen: 52.896 ng
RT: 9.92 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	39.7	26.5	39.7	
65	53.2	43.8	65.8	



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





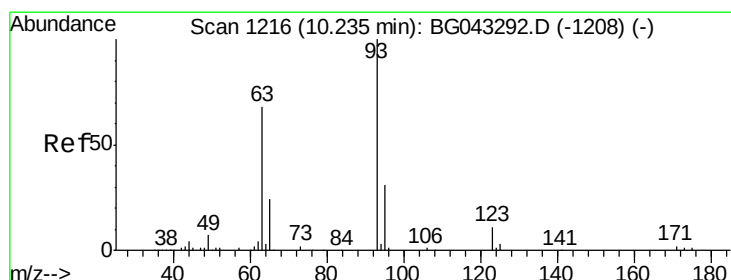
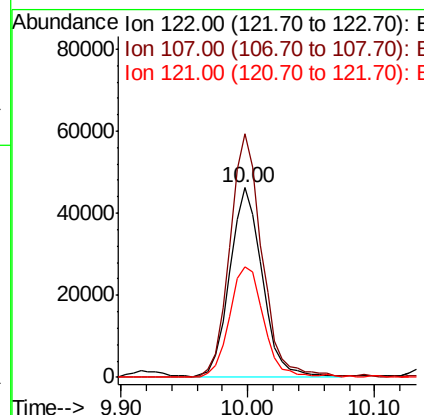
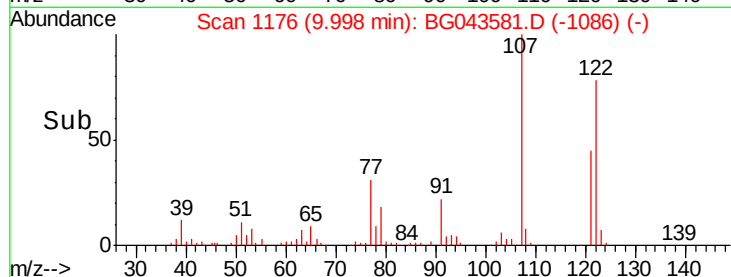
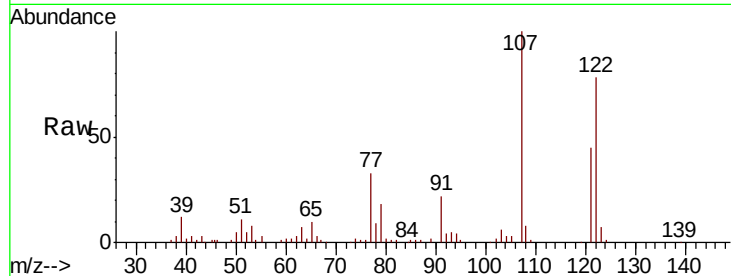
#27
2,4-Dimethylphenol
Concen: 60.277 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	128.3	104.4	156.6
121	58.3	47.2	70.8

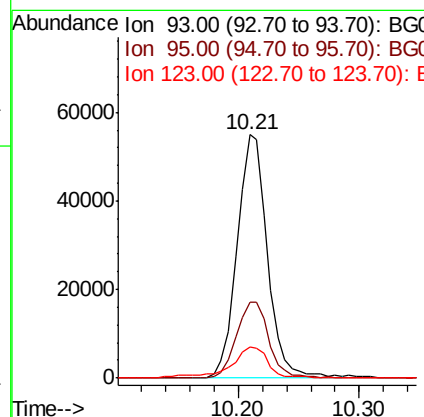
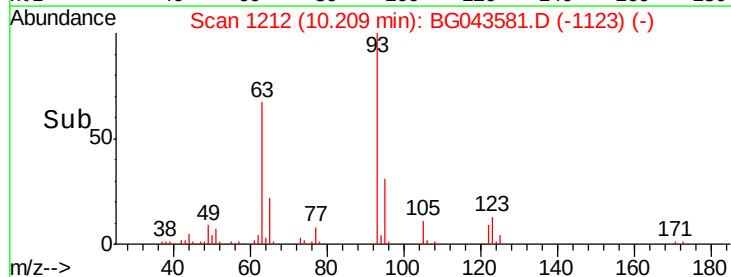
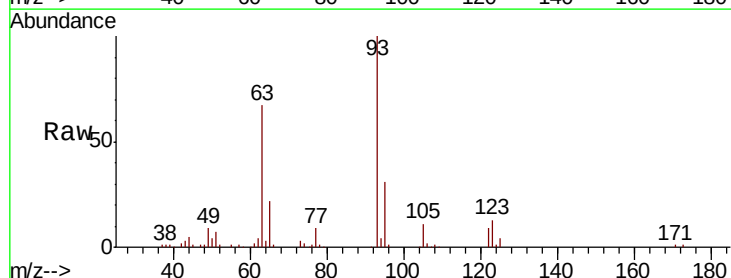
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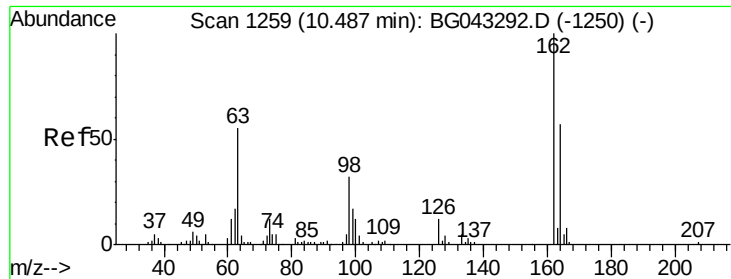
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 45.819 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	26.0	39.0
123	12.6	10.6	15.8





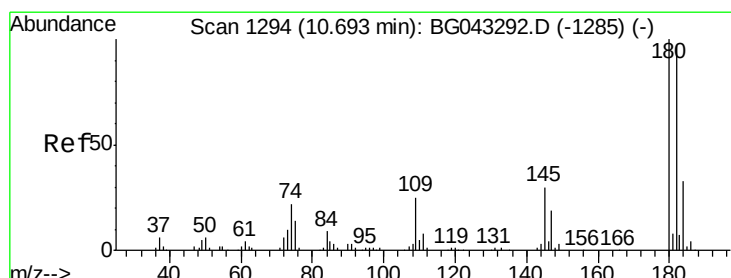
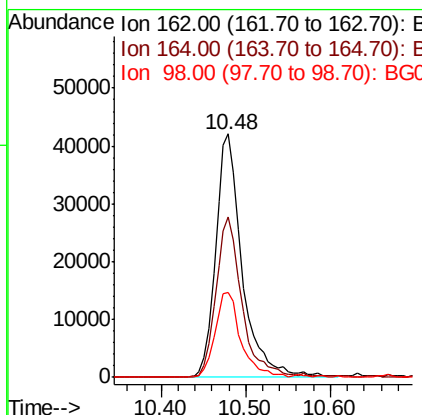
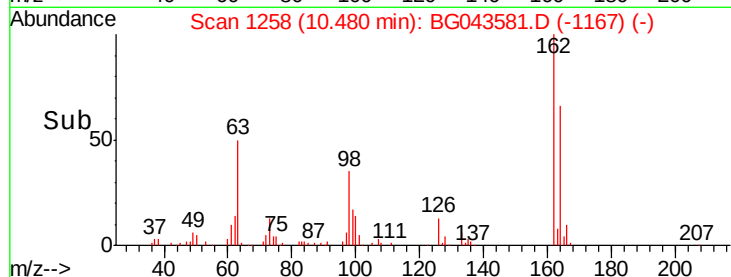
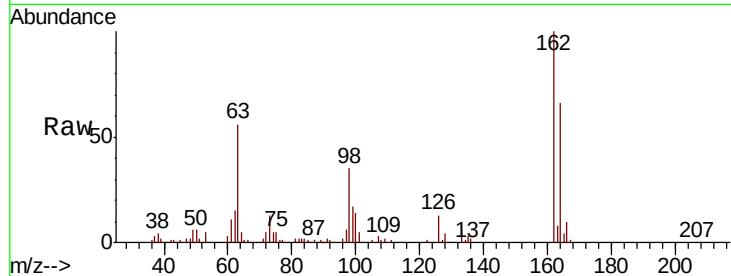
#29
2,4-Dichlorophenol
Concen: 52.676 ng
RT: 10.48 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	48.9	88.9
98	35.1	15.1	55.1

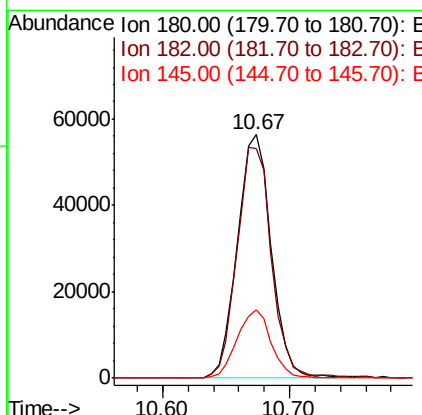
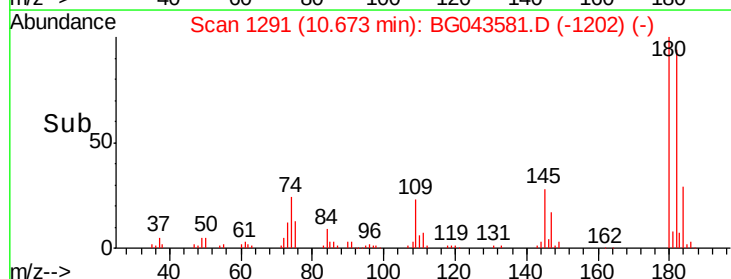
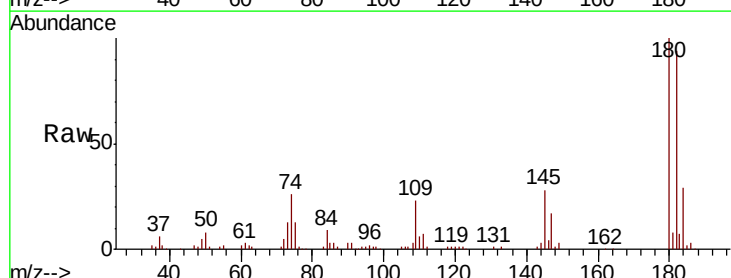
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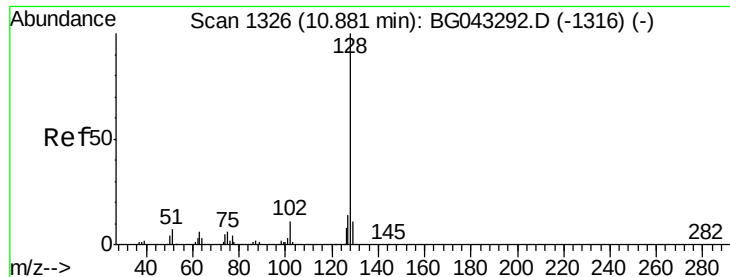
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#30
1,2,4-Trichlorobenzene
Concen: 47.194 ng
RT: 10.67 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.1	112.7
145	27.8	23.9	35.9





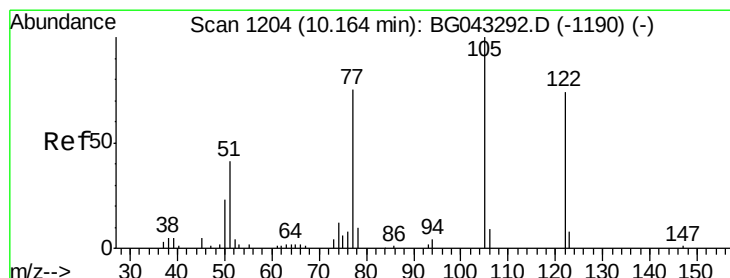
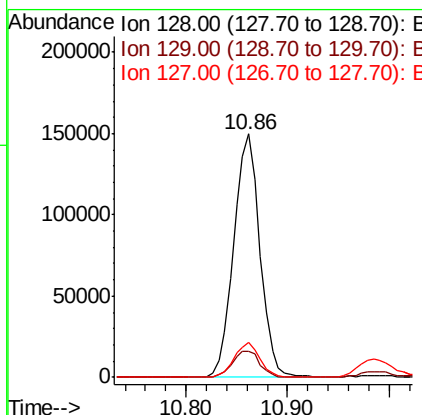
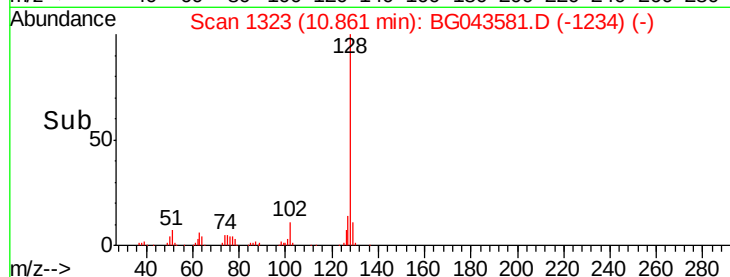
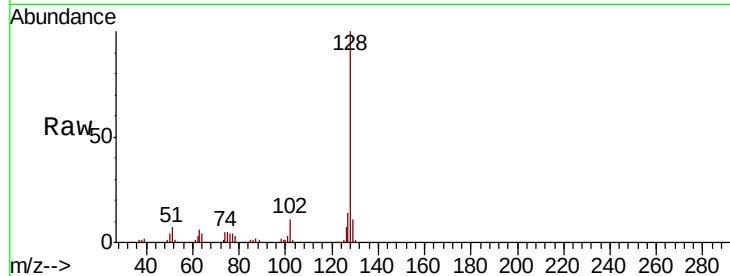
#31
Naphthalene
Concen: 49.462 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	268383		
129	10.6		9.4	14.0
127	14.3		11.1	16.7

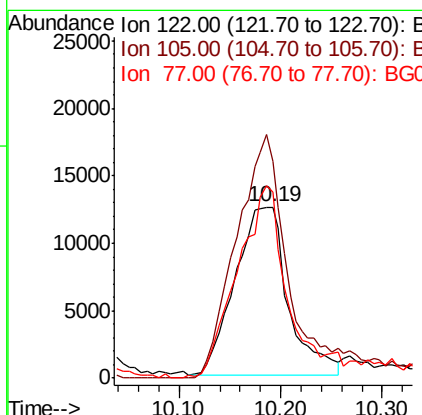
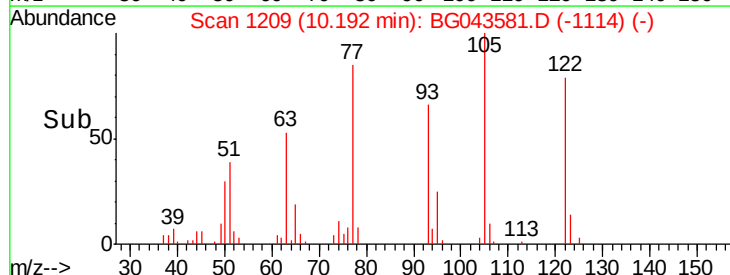
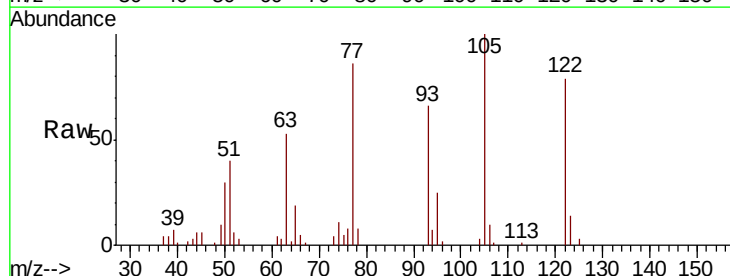
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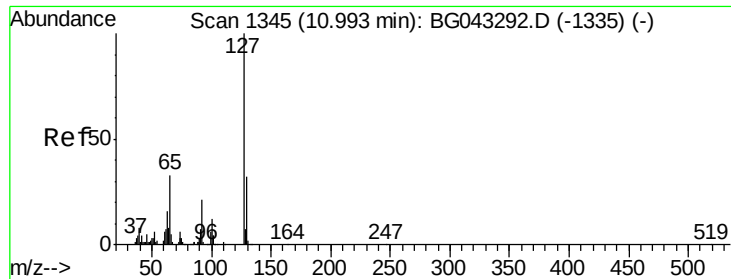
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#32
Benzoic acid
Concen: 44.003 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.03 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	44953		
105	126.7		103.3	143.3
77	108.7		84.9	124.9





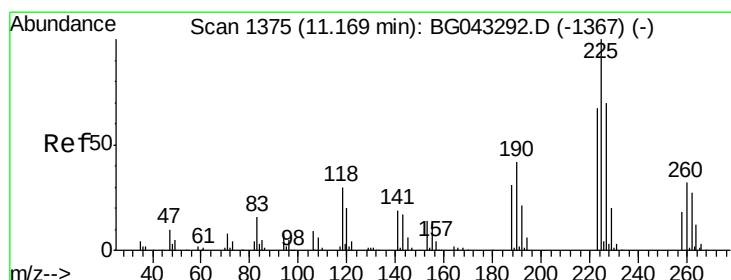
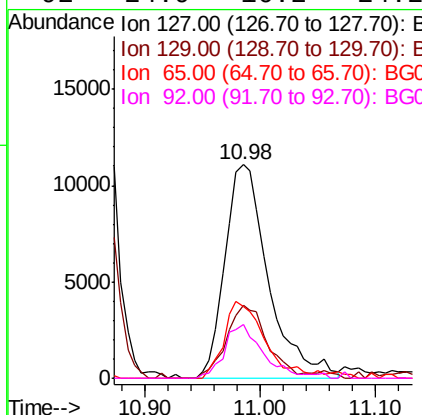
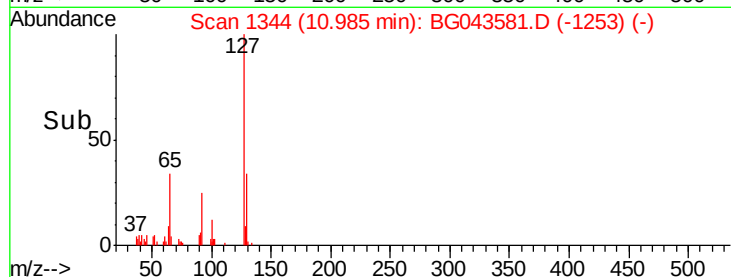
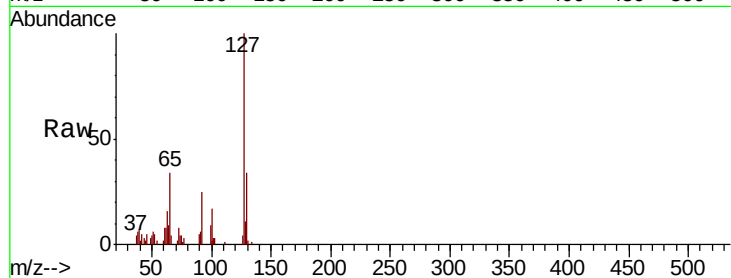
#33
4-Chloroaniline
Concen: 13.039 ng
RT: 10.98 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.0	26.5	39.7
65	33.7	26.4	39.6
92	24.9	16.2	24.2#

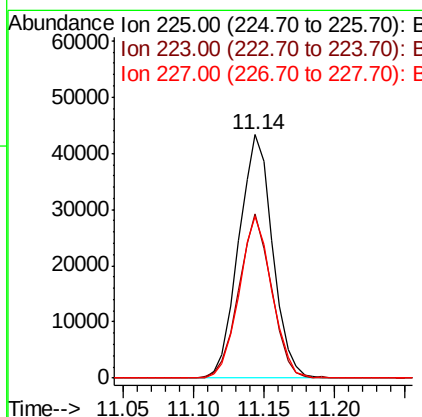
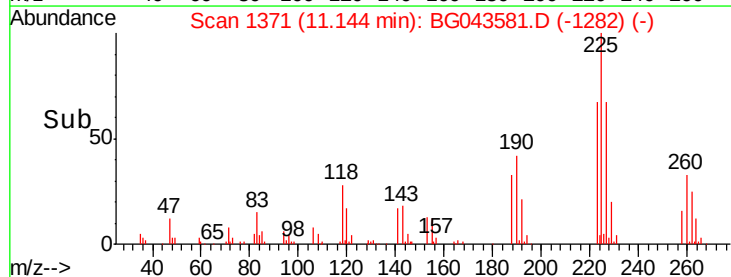
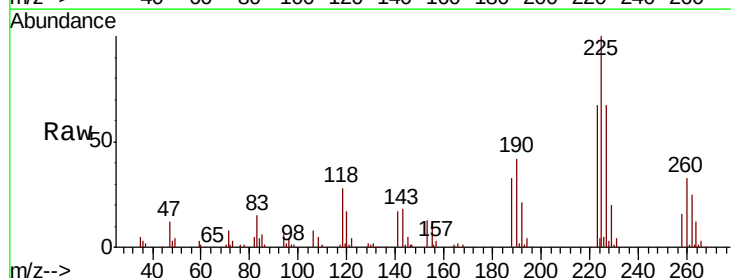
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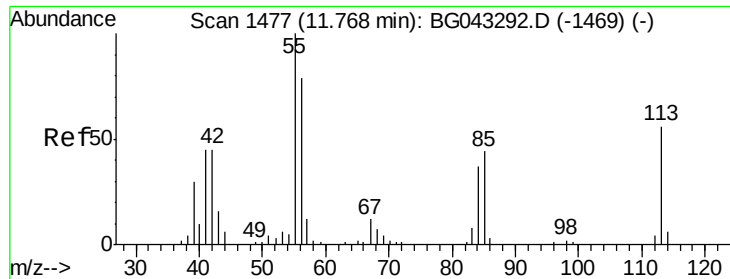
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#34
Hexachlorobutadiene
Concen: 44.436 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.4	52.7	79.1
227	66.5	54.8	82.2





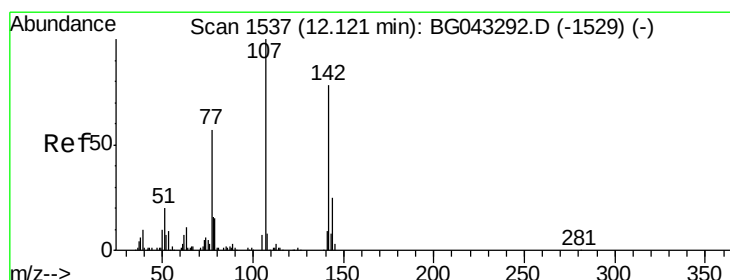
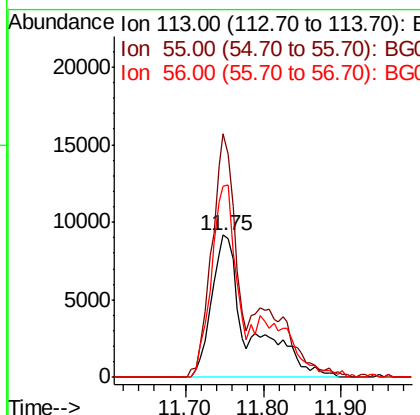
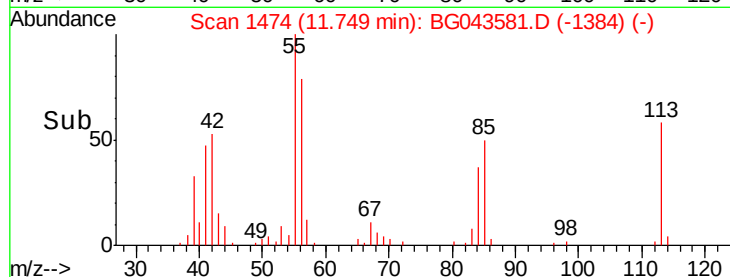
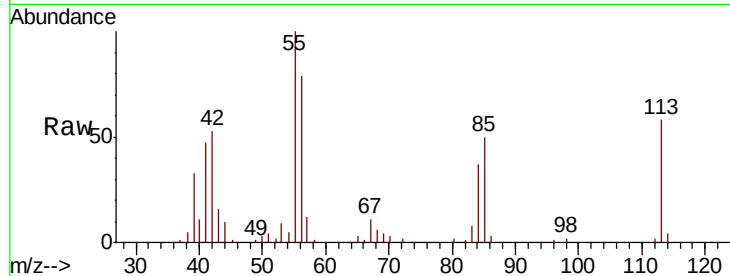
#35
 Caprolactam
 Concen: 50.518 ng/ml
 RT: 11.75 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: BG043581.D
 Acq: 8 Nov 2019 22:32

Instrument :
 BNA_G
 ClientSampleId :
 SB-38-(2-4)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	171.5	134.1	174.1
56	135.0	100.4	140.4

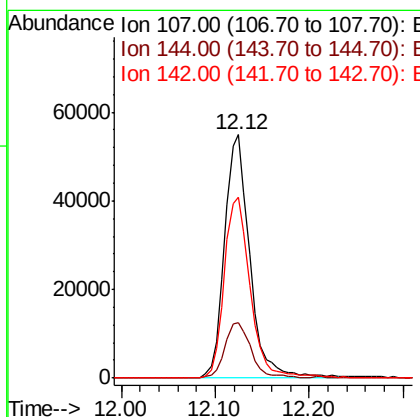
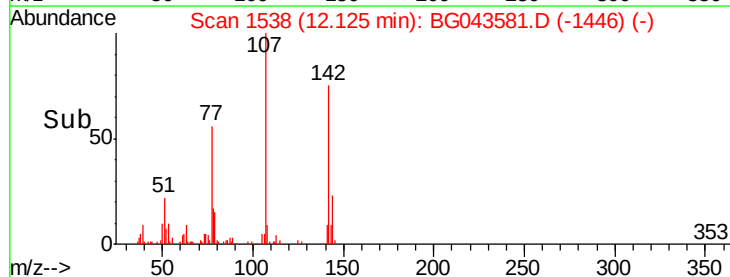
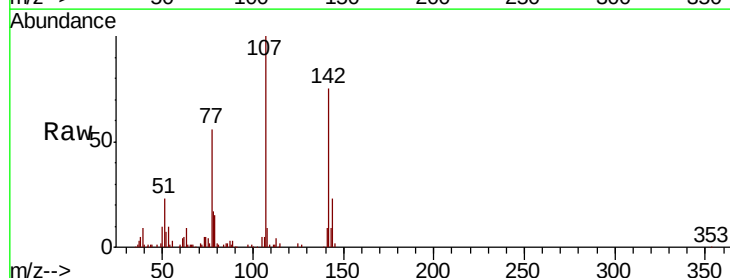
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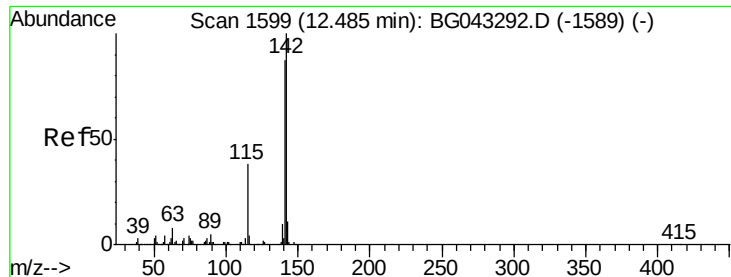
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#36
 4-Chloro-3-methylphenol
 Concen: 53.754 ng/ml
 RT: 12.12 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BG043581.D
 Acq: 8 Nov 2019 22:32

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.7	20.9	31.3
142	74.6	59.6	89.4





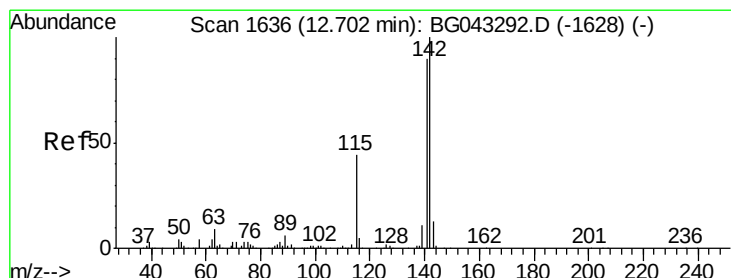
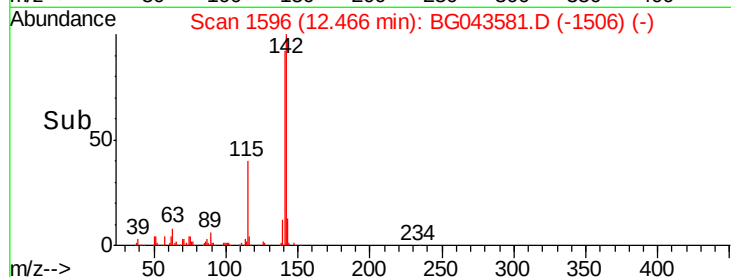
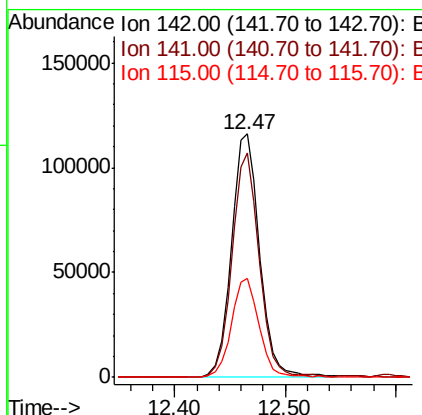
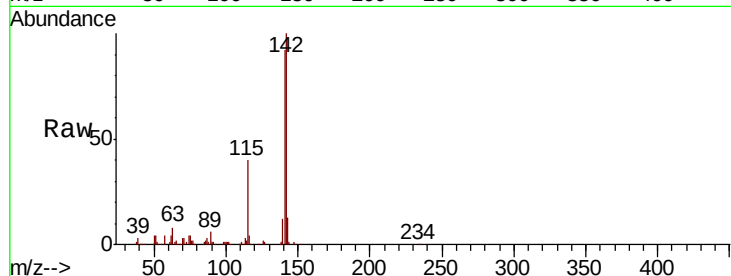
#37
2-Methylnaphthalene
Concen: 49.779 ng
RT: 12.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.2	108.2
115	40.5	33.2	49.8

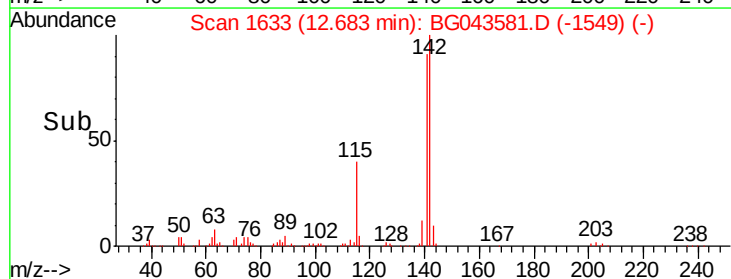
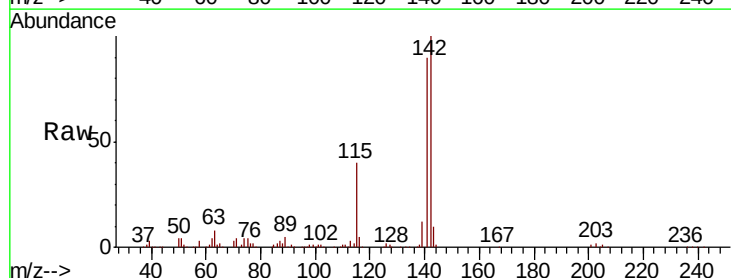
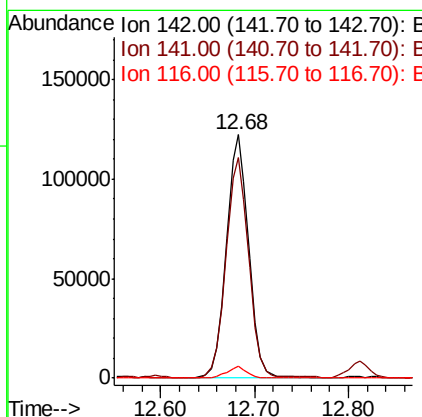
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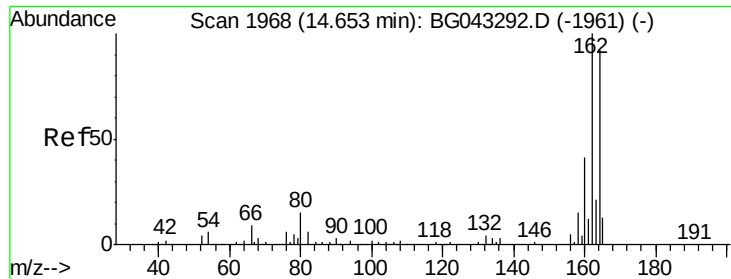
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#38
1-Methylnaphthalene
Concen: 50.203 ng
RT: 12.68 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.2	109.8
116	4.8	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG043581.D

Acq: 8 Nov 2019 22:32

Instrument :

BNA_G

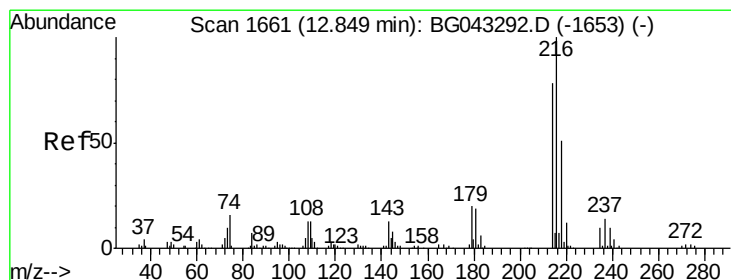
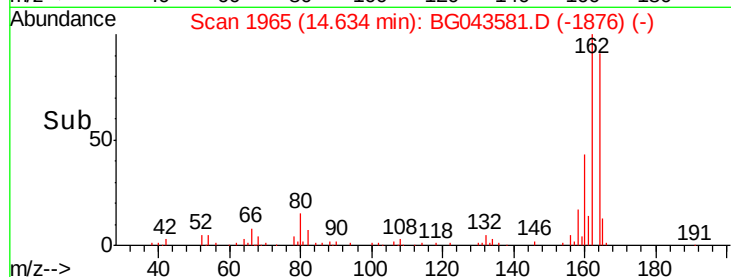
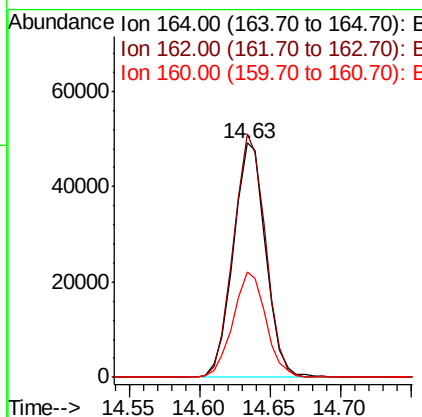
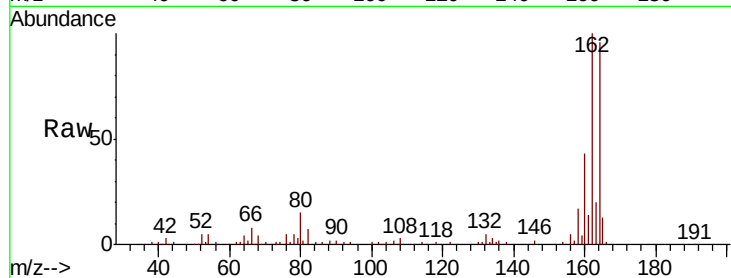
ClientSampleId :

SB-38-(2-4)MSD

Tot Ion:	164	Resp:	78422
Ion Ratio	Lower	Upper	
164	100		
162	103.8	83.5	125.3
160	44.9	36.5	54.7

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.199 ng

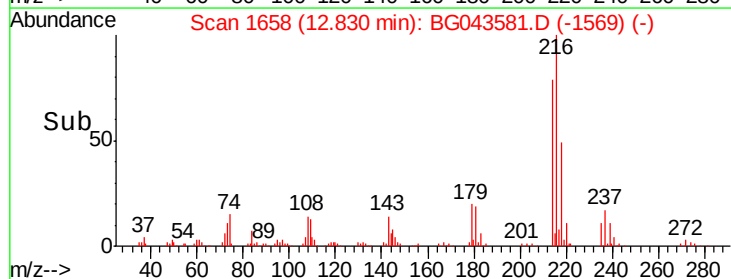
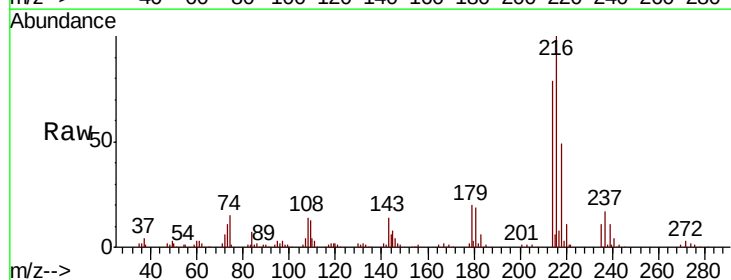
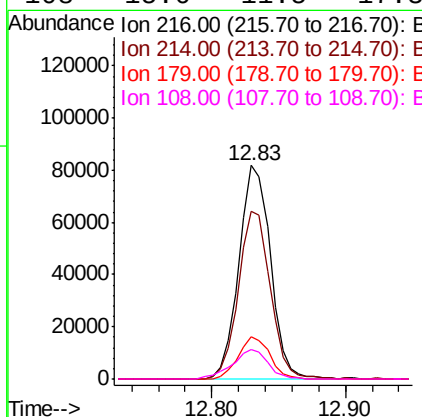
RT: 12.83 min Scan# 1658

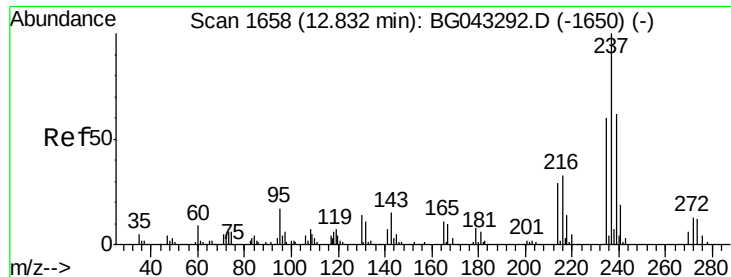
Delta R.T. -0.01 min

Lab File: BG043581.D

Acq: 8 Nov 2019 22:32

Tgt Ion:	216	Resp:	134082
Ion Ratio	Lower	Upper	
216	100		
214	79.2	61.7	92.5
179	19.4	15.8	23.8
108	15.6	11.5	17.3





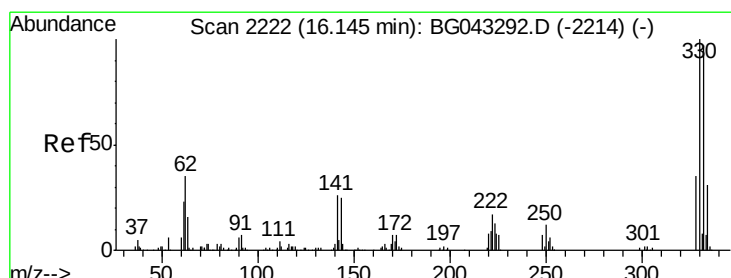
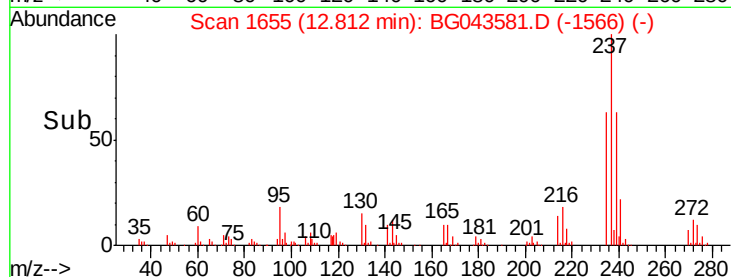
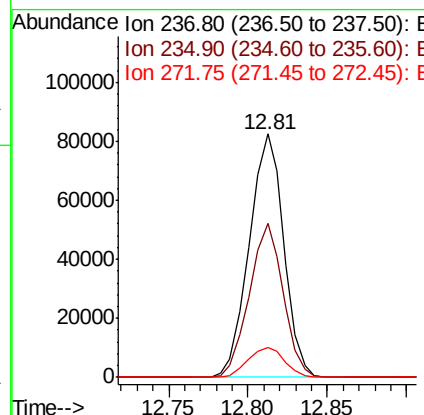
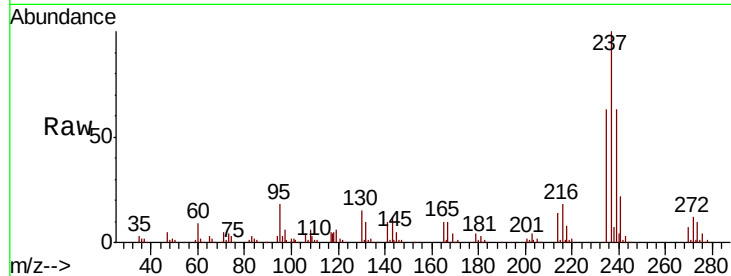
#41
Hexachlorocyclopentadiene
Concen: 81.583 ng
RT: 12.81 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100	124380		
235	63.4	41.6	81.6	
272	12.2	0.0	32.5	

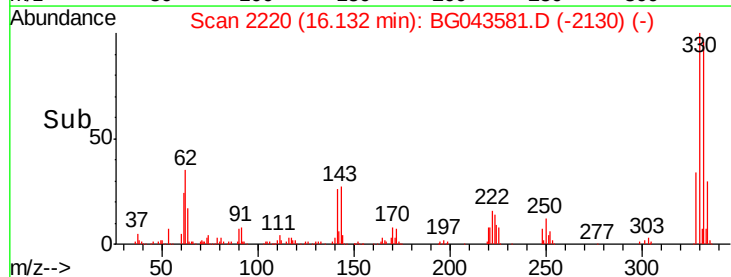
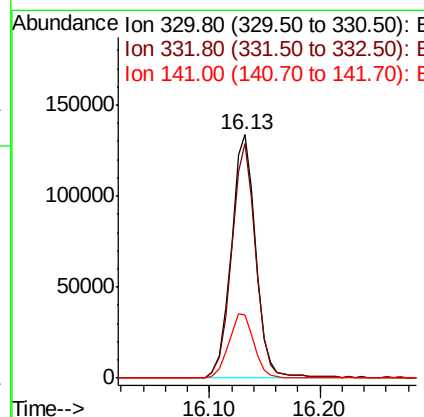
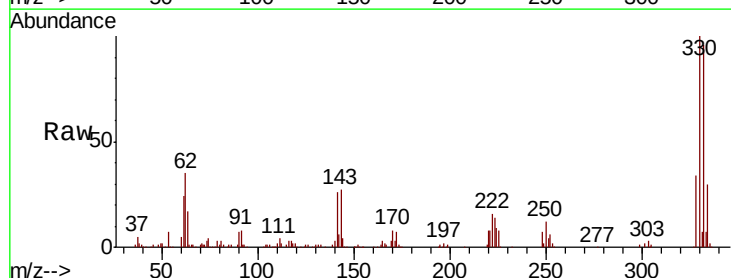
Manual Integrations
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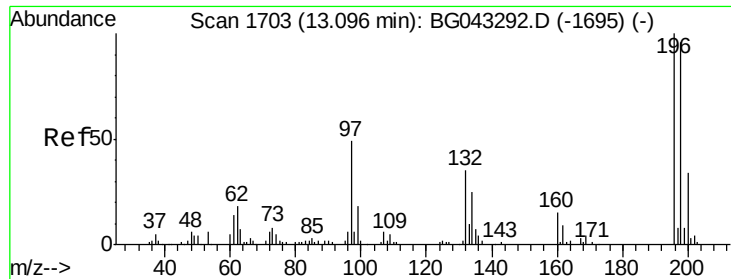
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#42
2,4,6-Tribromophenol
Concen: 139.268 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	207840		
332	95.0	77.4	116.0	
141	27.2	22.8	34.2	





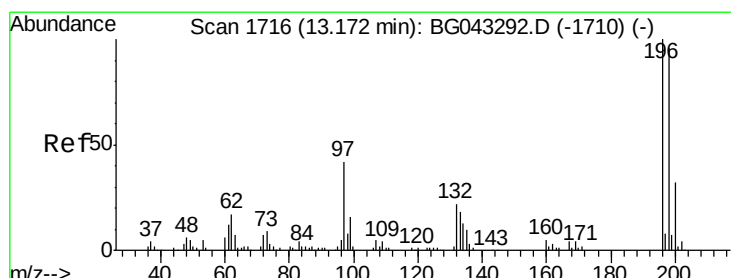
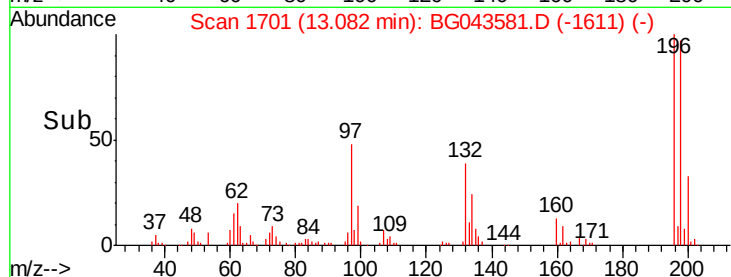
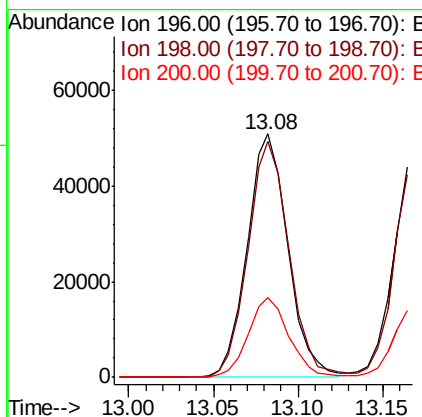
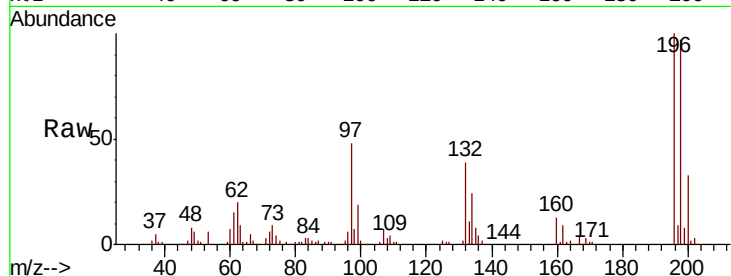
#43
 2,4,6-Trichlorophenol
 Concen: 49.660 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043581.D
 Acq: 8 Nov 2019 22:32

Instrument :
 BNA_G
 ClientSampleId :
 SB-38-(2-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	84878		
198	96.8	75.8	113.6	
200	32.7	23.9	35.9	

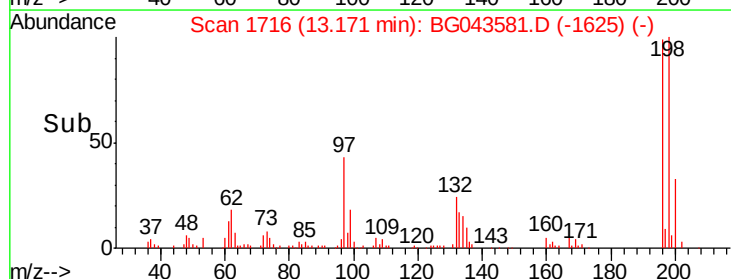
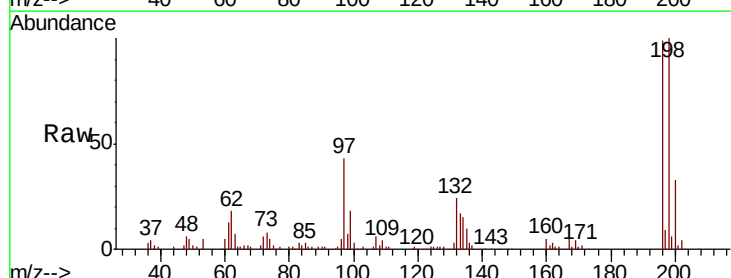
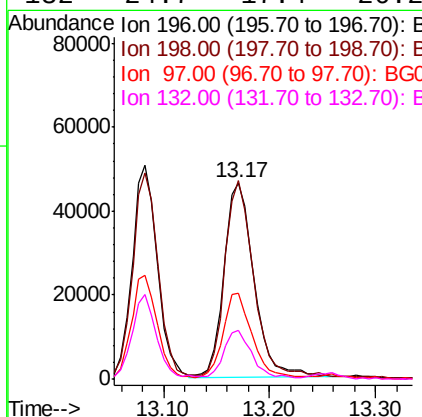
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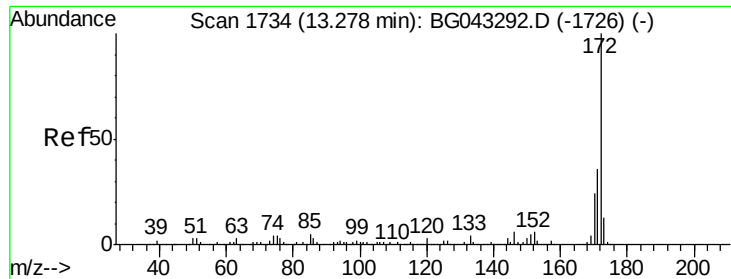
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#44
 2,4,5-Trichlorophenol
 Concen: 53.091 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG043581.D
 Acq: 8 Nov 2019 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	91739		
198	101.1	74.5	111.7	
97	43.6	36.3	54.5	
132	24.7	17.4	26.2	





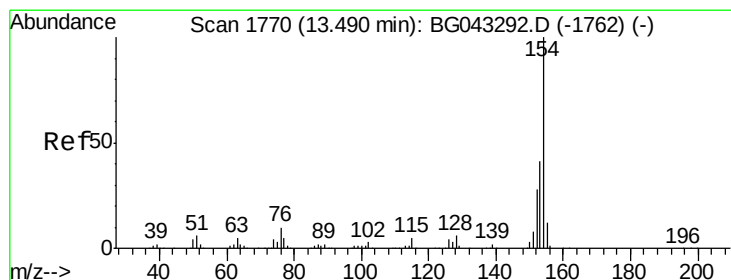
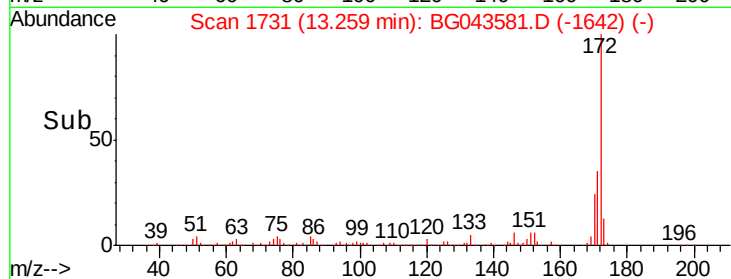
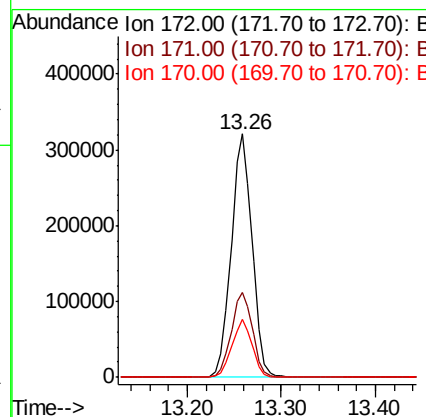
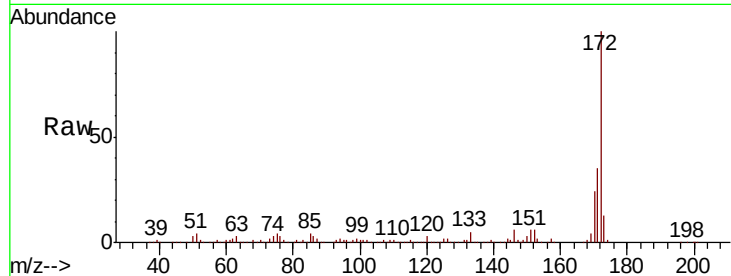
#45
2-Fluorobiphenyl
Concen: 88.348 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.9	43.3
170	23.8	18.5	27.7

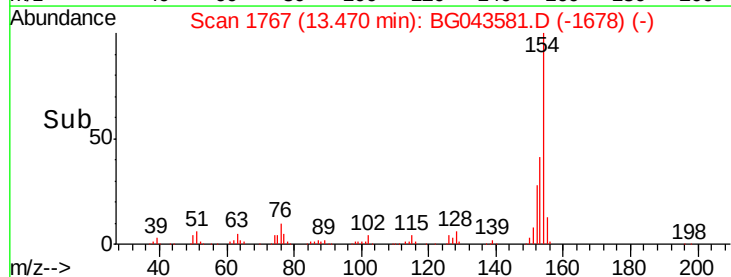
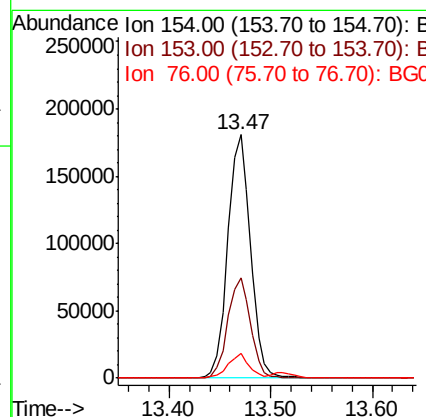
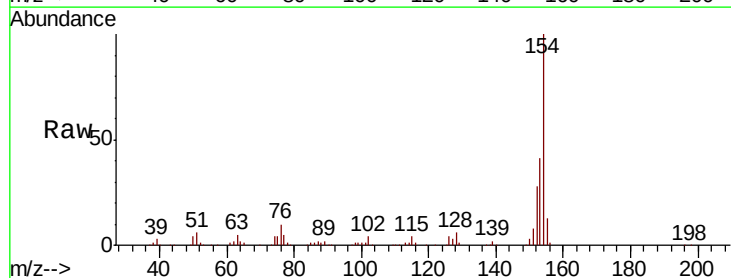
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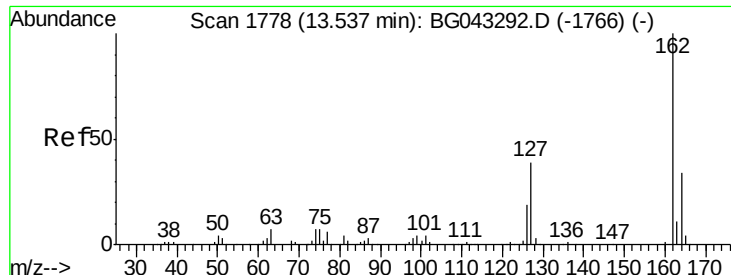
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#46
1,1'-Biphenyl
Concen: 47.125 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	19.9	59.9
76	10.0	0.0	29.4





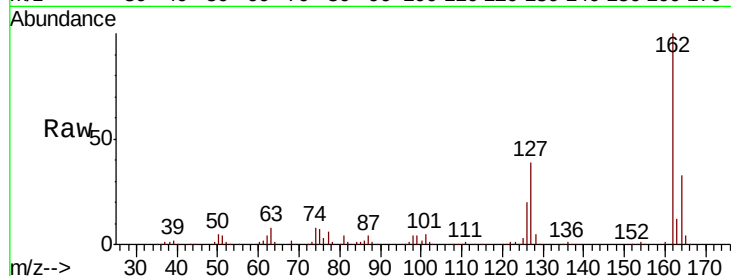
#47
2-Chloronaphthalene
Concen: 47.052 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	31.2	46.8
164	33.2	25.8	38.8

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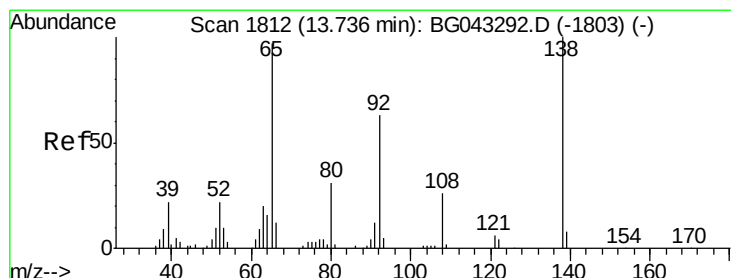
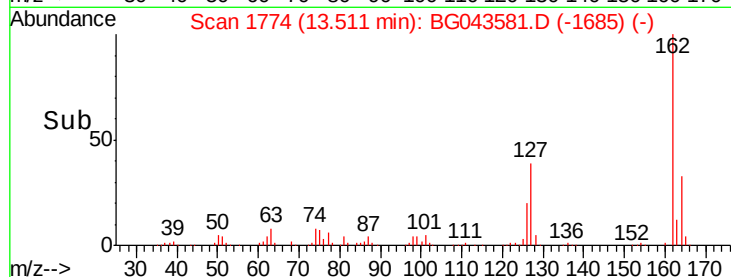
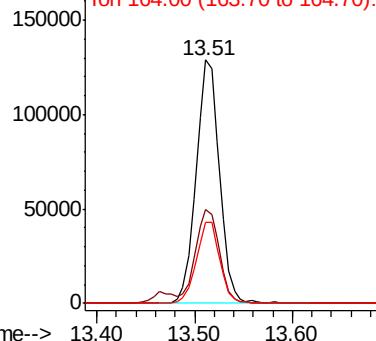


Abundance

Ion 162.00 (161.70 to 162.70): E

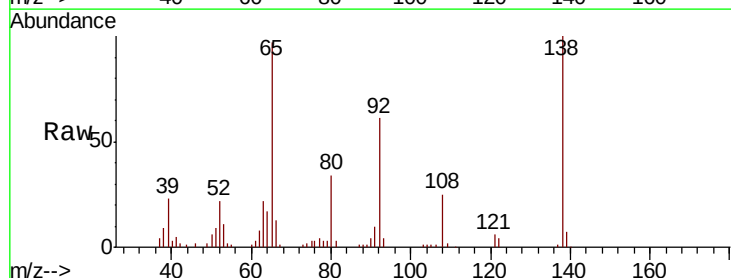
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 50.447 ng
RT: 13.72 min Scan# 1810
Delta R.T. -0.00 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.0	56.2	84.2
138	102.7	82.6	123.8

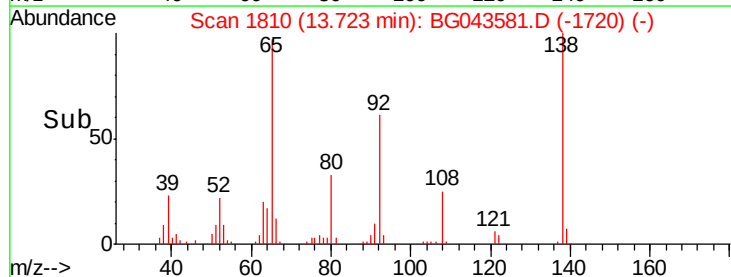
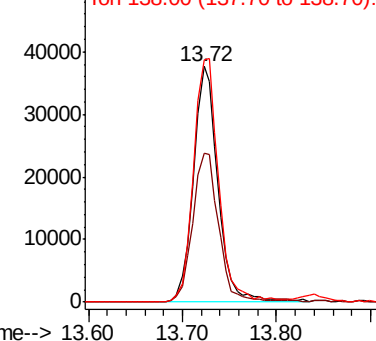


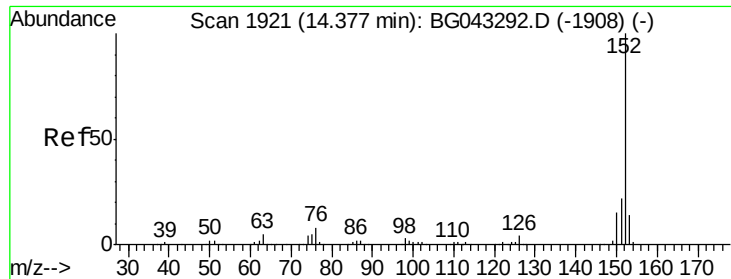
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 51.956 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG043581.D

Acq: 8 Nov 2019 22:32

Instrument :

BNA_G

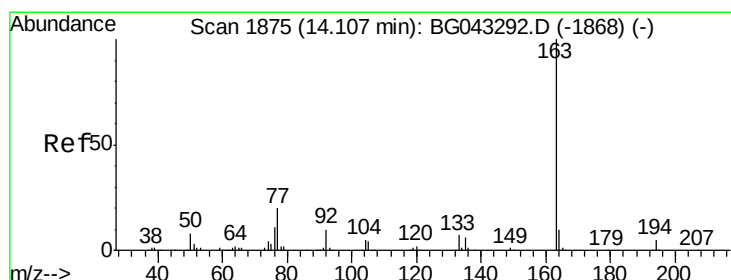
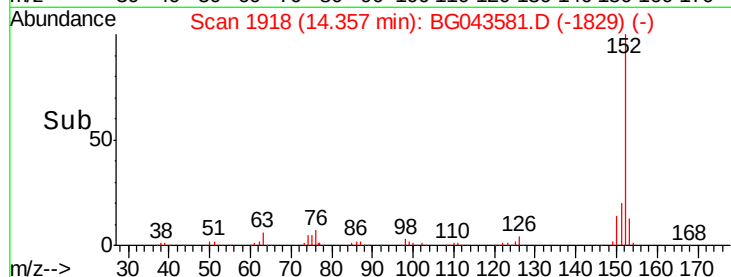
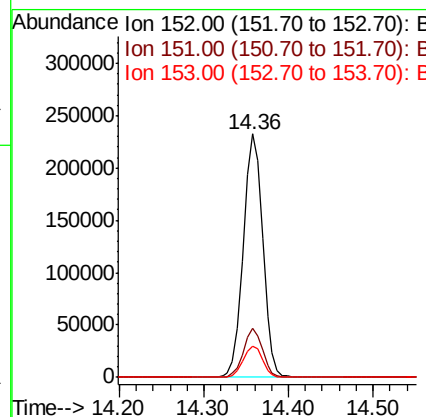
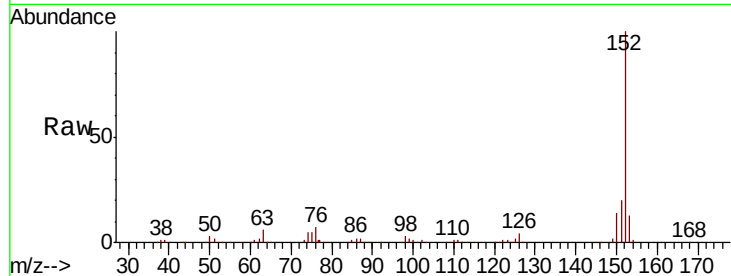
ClientSampleId :

SB-38-(2-4)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		367055		
151	20.3	16.2	24.4		
153	12.8	10.6	15.8		

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#50

Dimethylphthalate

Concen: 57.474 ng

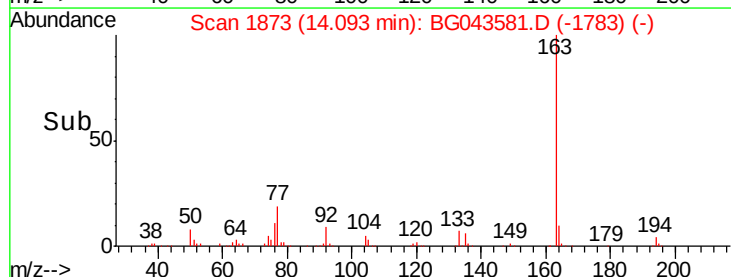
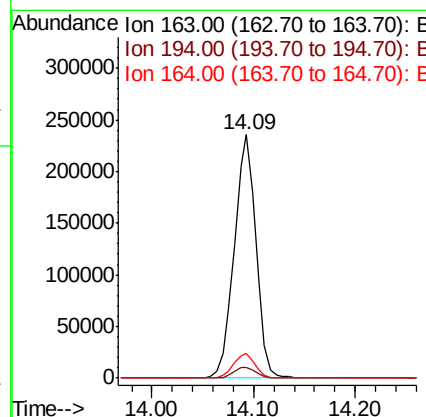
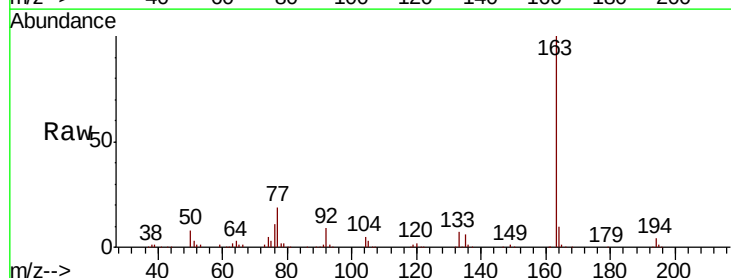
RT: 14.09 min Scan# 1873

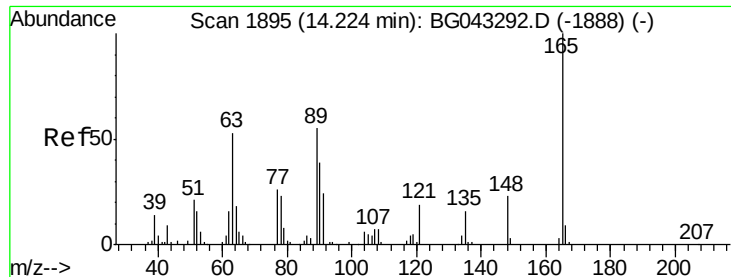
Delta R.T. -0.00 min

Lab File: BG043581.D

Acq: 8 Nov 2019 22:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		349118		
194	4.3	3.8	5.6		
164	10.2	8.9	13.3		





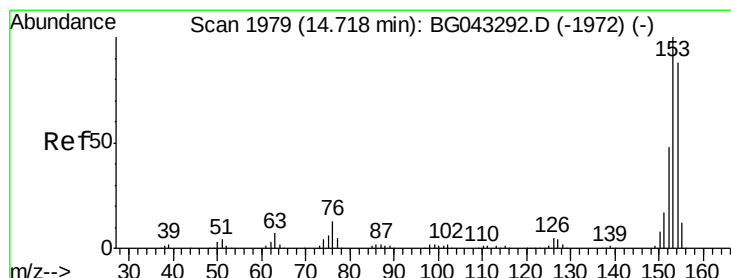
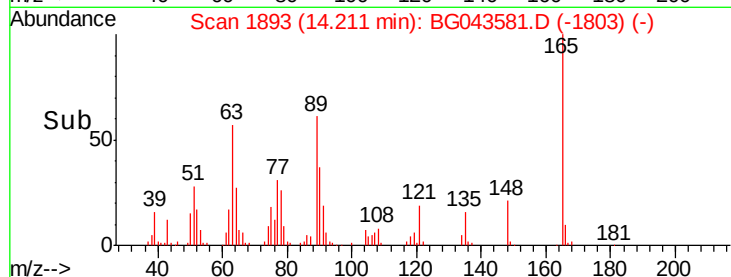
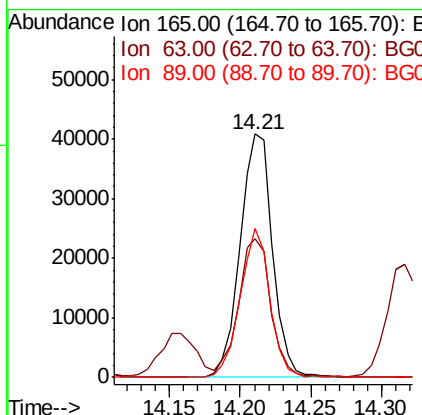
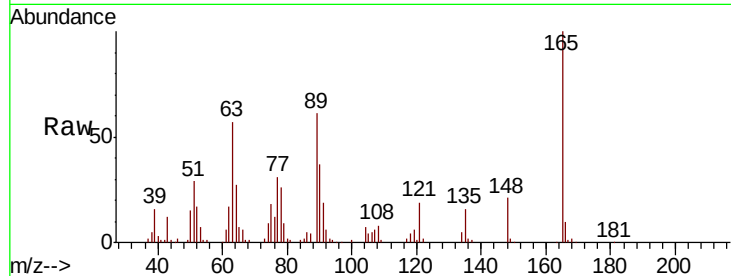
#51
2,6-Dinitrotoluene
Concen: 49.520 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.00 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.2	46.6	69.8
89	60.9	45.1	67.7

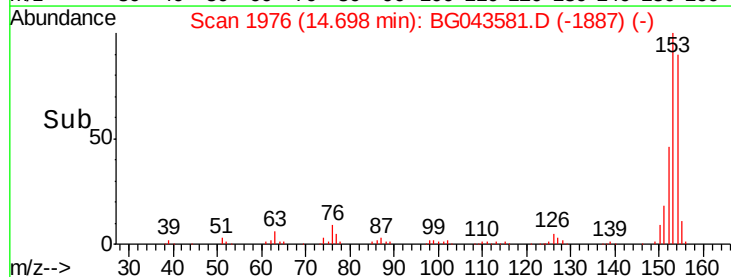
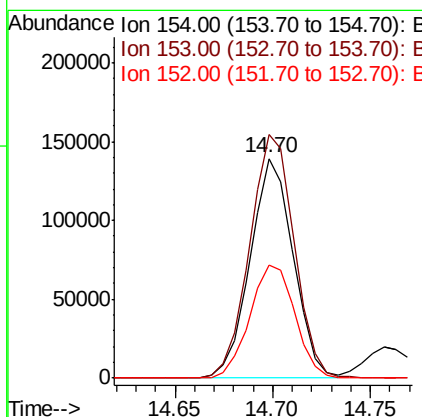
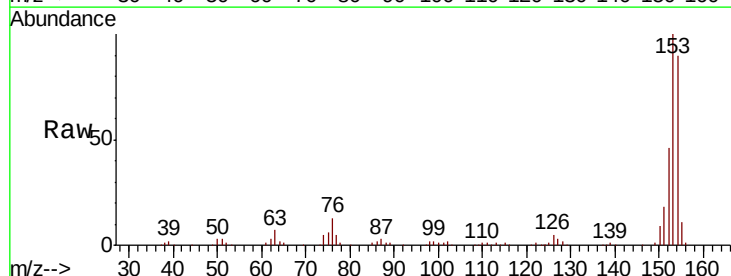
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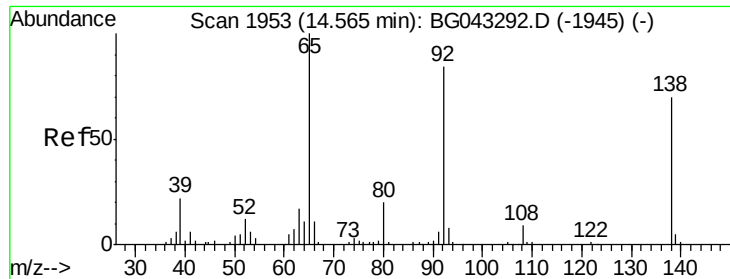
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#52
Acenaphthene
Concen: 49.479 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.9	88.2	132.2
152	51.4	40.0	60.0





#53

3-Nitroaniline

Concen: 20.764 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG043581.D

Acq: 8 Nov 2019 22:32

Instrument :

BNA_G

ClientSampleId :

SB-38-(2-4)MSD

Tot Ion:138 Resp: 26455

Ion Ratio Lower Upper

138 100

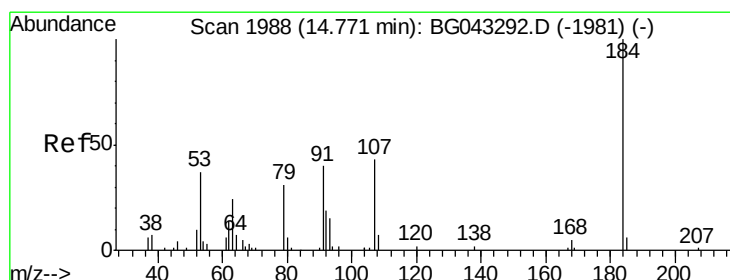
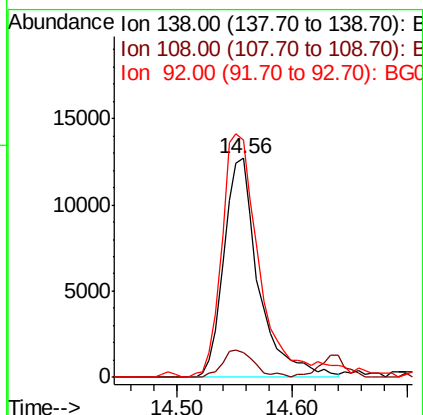
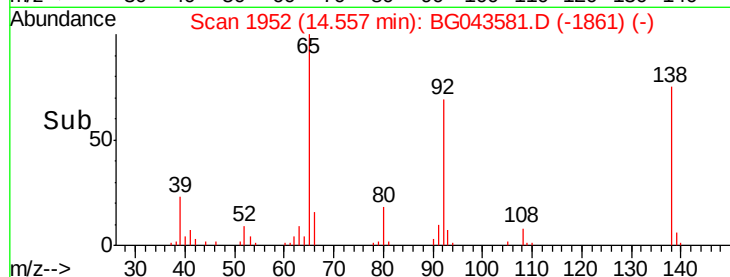
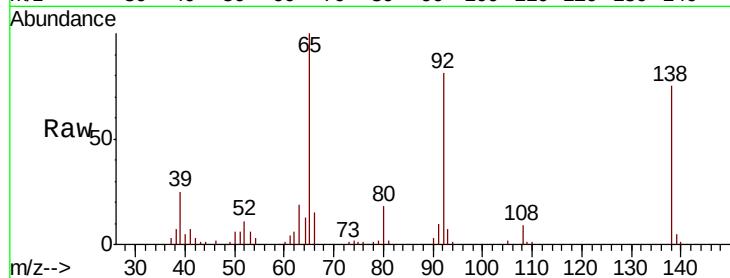
108 11.5 8.0 12.0

92 108.1 90.9 136.3

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#54

2,4-Dinitrophenol

Concen: 71.979 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG043581.D

Acq: 8 Nov 2019 22:32

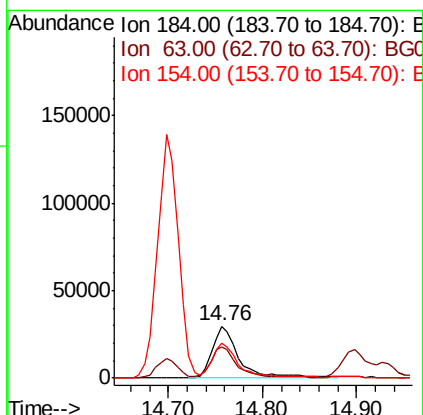
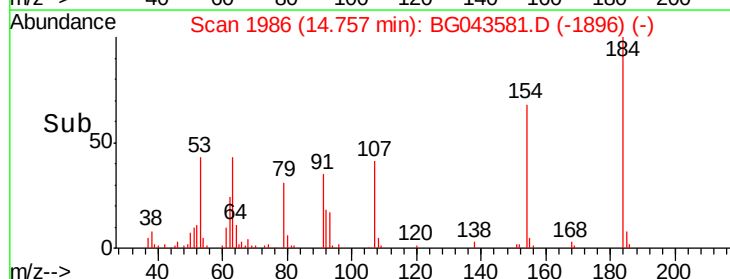
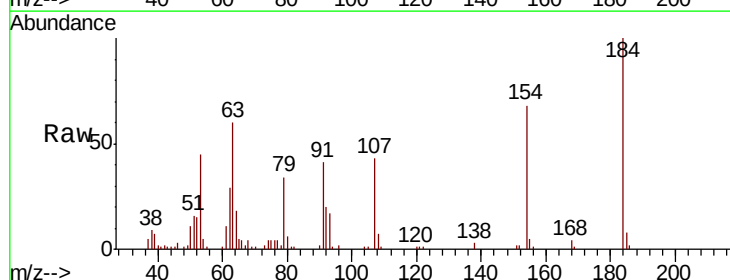
Tgt Ion:184 Resp: 58652

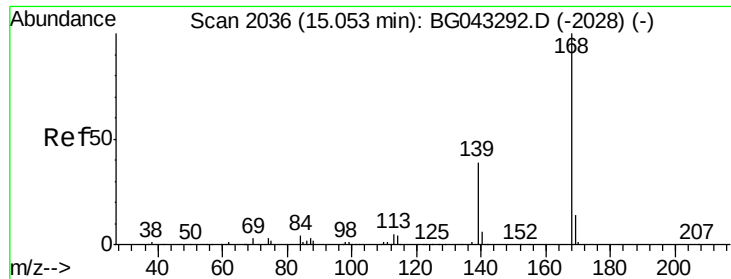
Ion Ratio Lower Upper

184 100

63 60.1 51.3 76.9

154 67.6 55.4 83.0





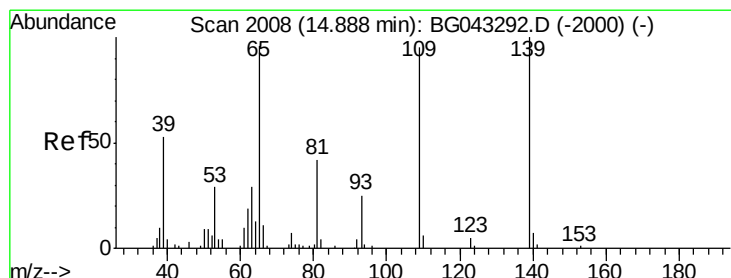
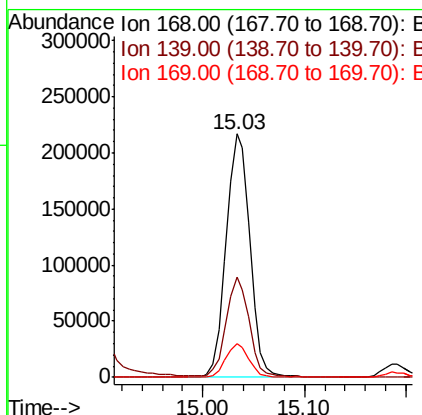
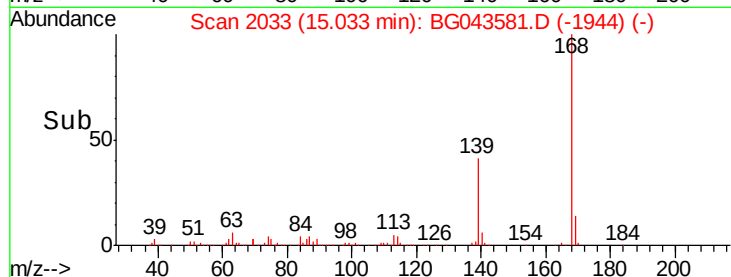
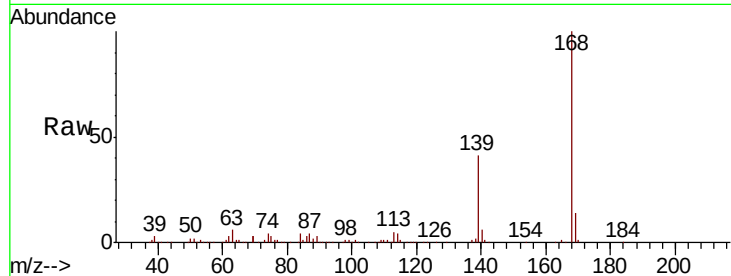
#55
Dibenzofuran
Concen: 50.477 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.2	31.0	46.6
169	14.0	11.7	17.5

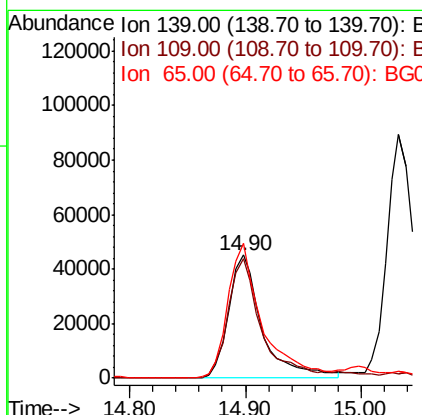
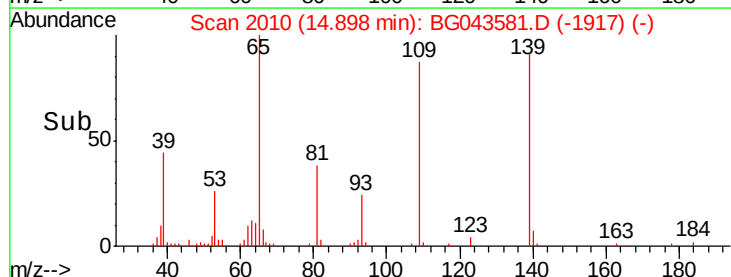
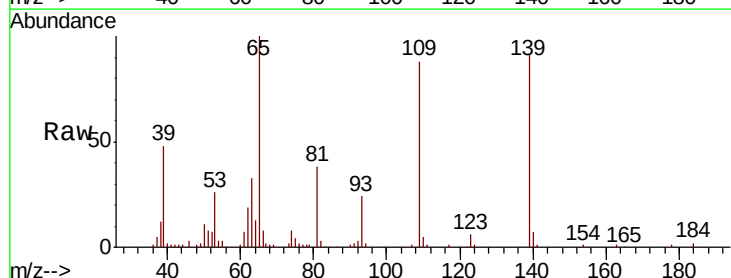
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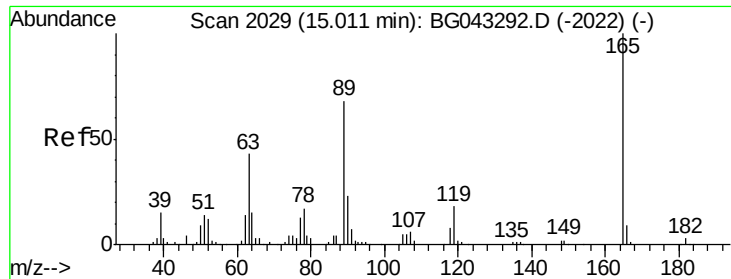
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#56
4-Nitrophenol
Concen: 106.635 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.02 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	96.9	87.2	127.2
65	109.9	83.8	123.8





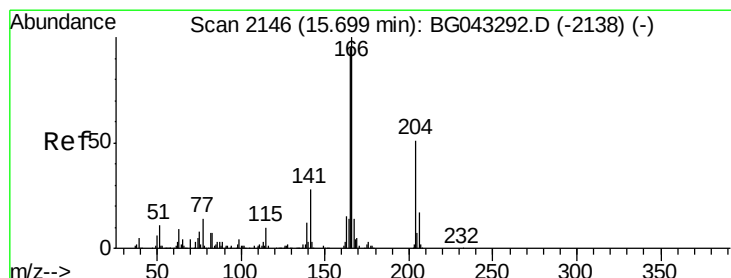
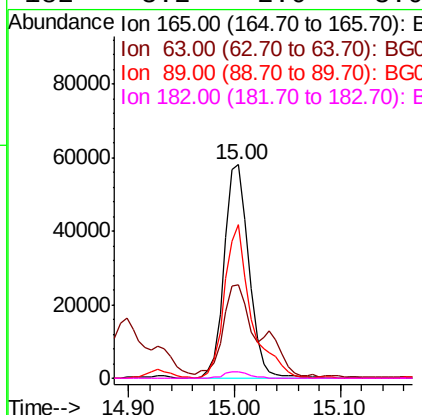
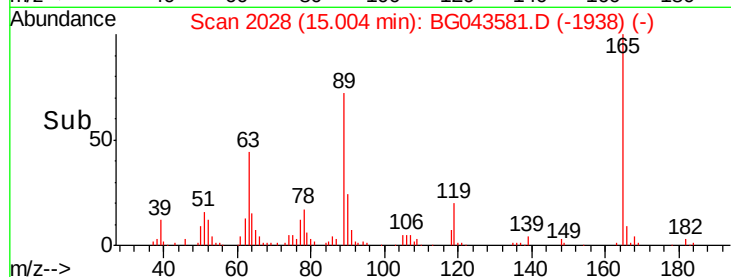
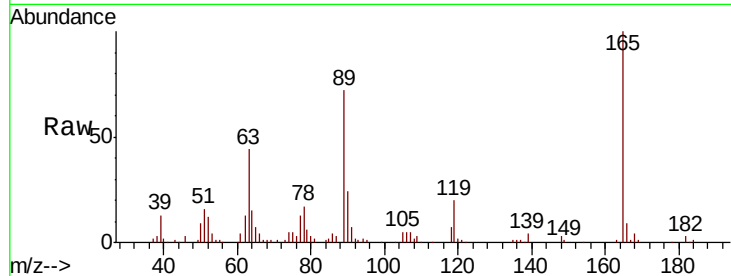
#57
2,4-Dinitrotoluene
Concen: 49.869 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.0	33.2	49.8
89	71.7	52.2	78.4
182	3.2	2.0	3.0#

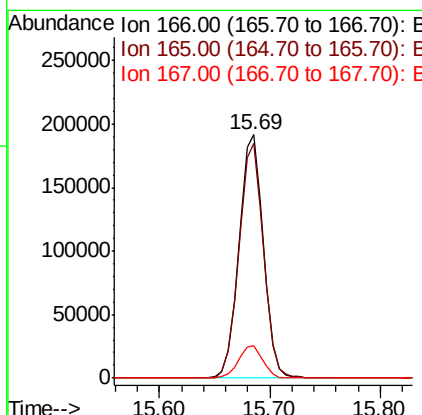
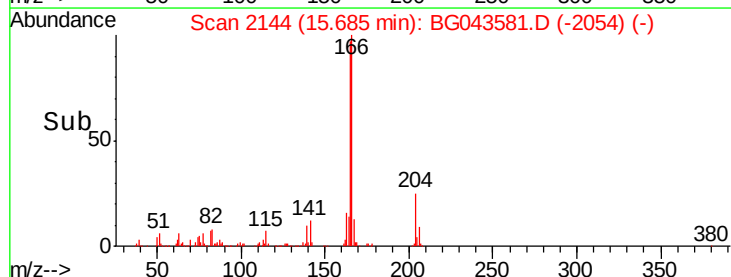
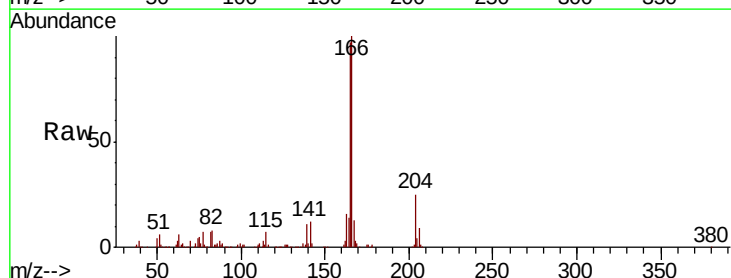
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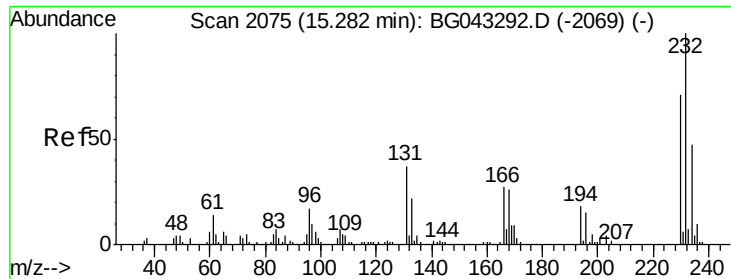
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#58
Fluorene
Concen: 50.625 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.6	79.0	118.6
167	13.3	10.5	15.7





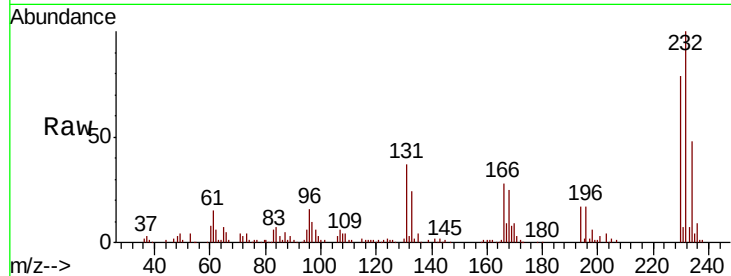
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.626 ng
 RT: 15.27 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG043581.D
 Acq: 8 Nov 2019 22:32

Instrument :
 BNA_G
 ClientSampleId :
 SB-38-(2-4)MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.0	26.9	40.3
130	2.3	1.8	2.6
166	26.6	20.9	31.3

Manual Integrations
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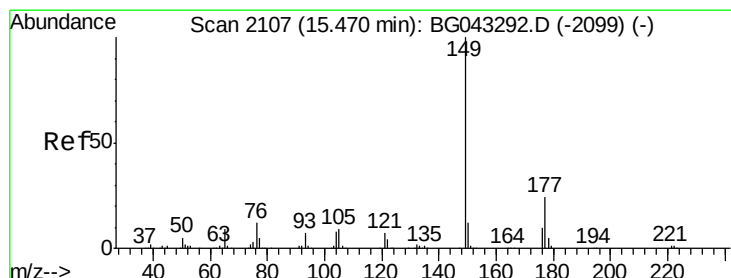
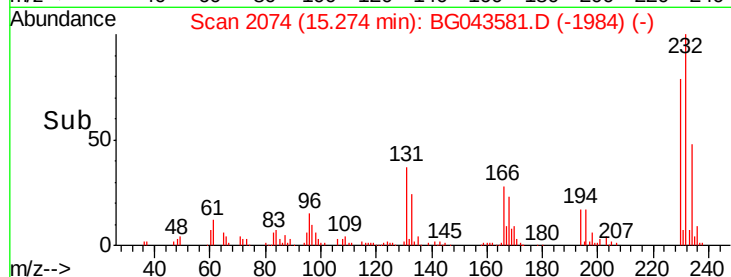
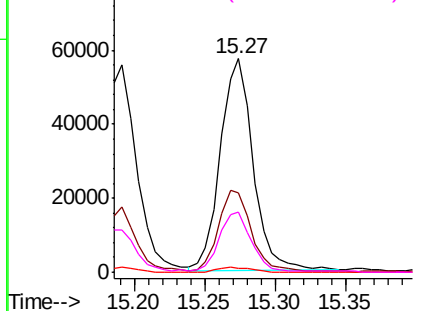
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

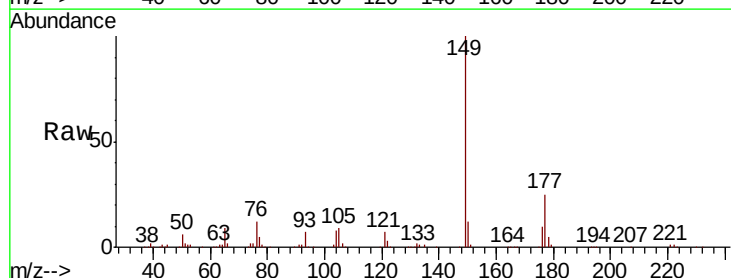
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 47.654 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BG043581.D
 Acq: 8 Nov 2019 22:32

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.9	19.6	29.4
150	12.4	10.8	16.2

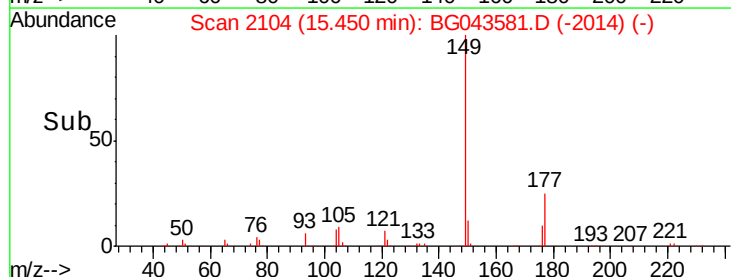
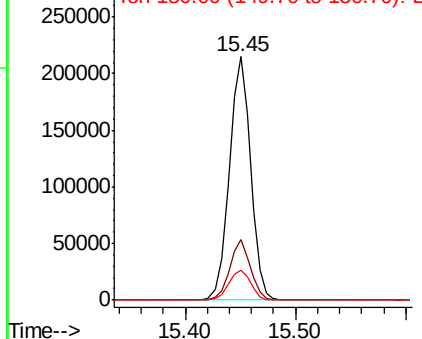


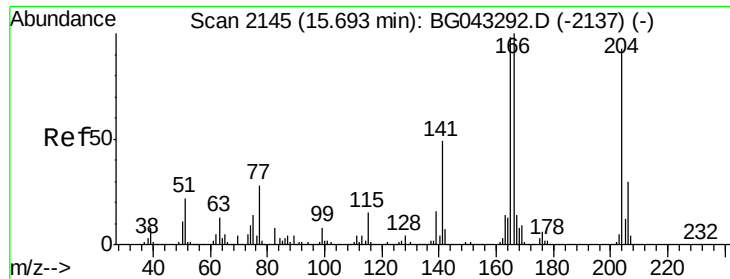
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





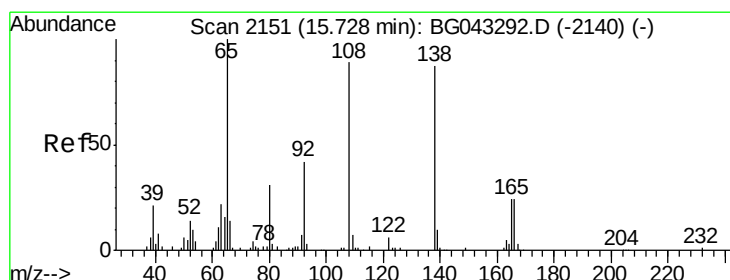
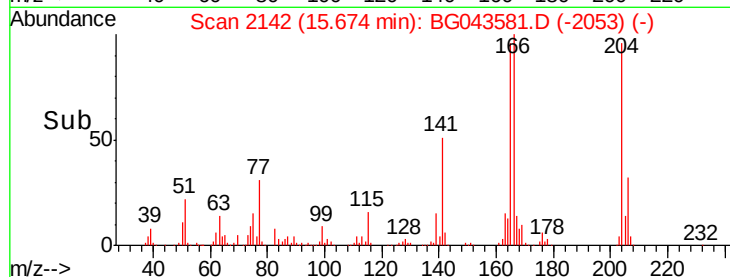
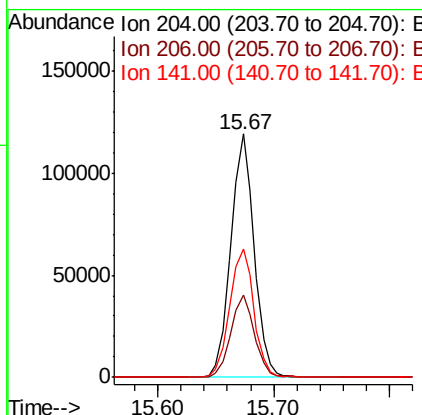
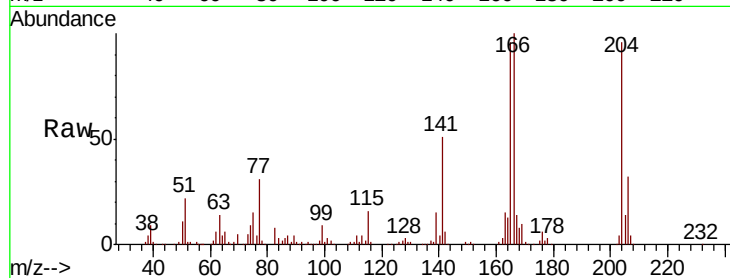
#61
4-Chlorophenyl-phenylether
Concen: 48.870 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	28.4	42.6
141	52.8	43.0	64.6

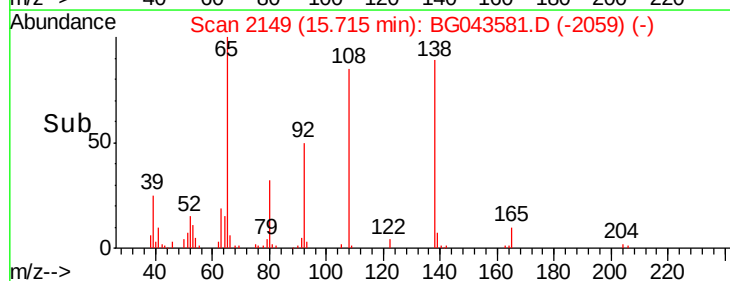
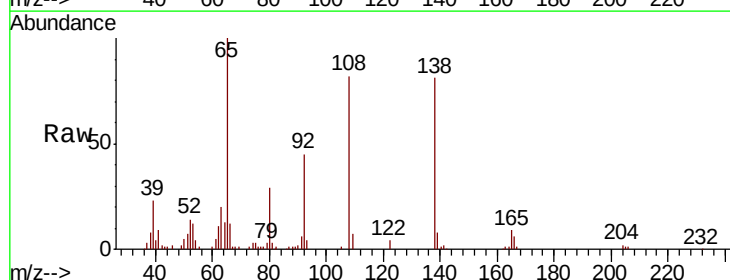
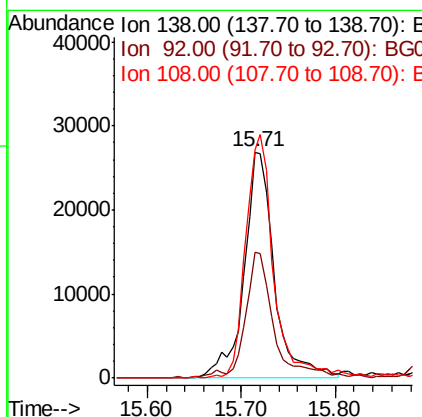
Manual Integrations
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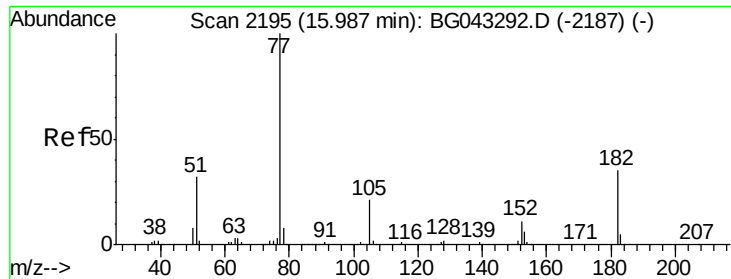
mohammad
11/11/2019 4:52:05 PM



#62
4-Nitroaniline
Concen: 45.523 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.8	33.4	73.4
108	101.2	78.0	118.0





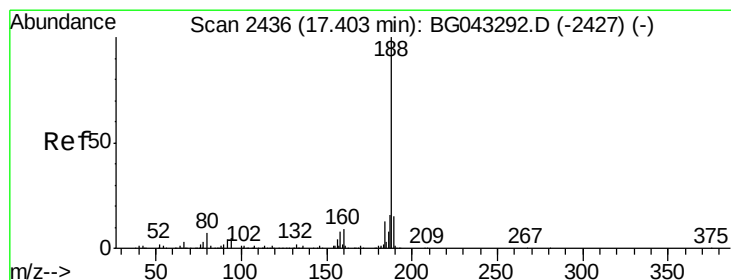
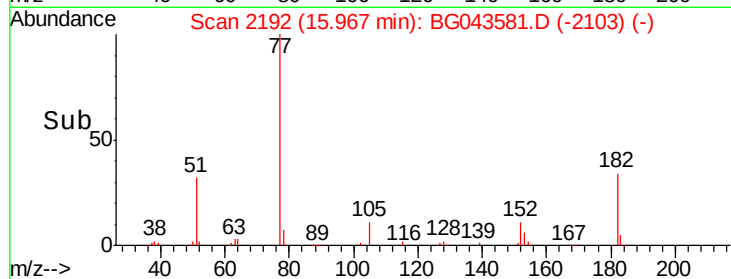
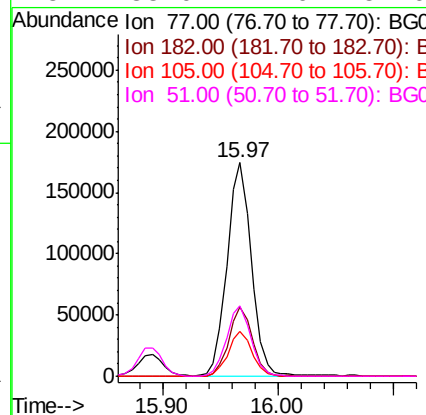
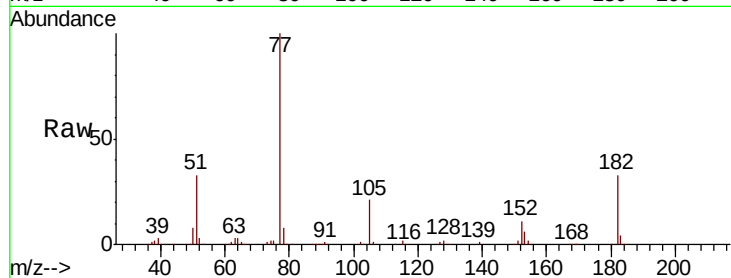
#63
Azobenzene
Concen: 51.237 ng
RT: 15.97 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		253089		
182	32.6	13.7	53.7		
105	21.2	0.4	40.4		
51	33.0	11.0	51.0		

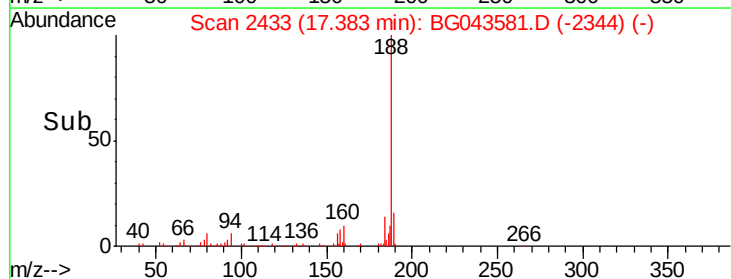
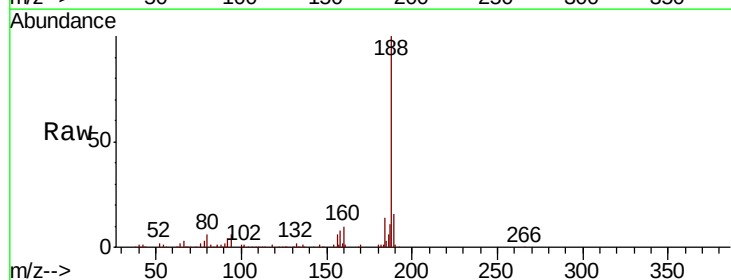
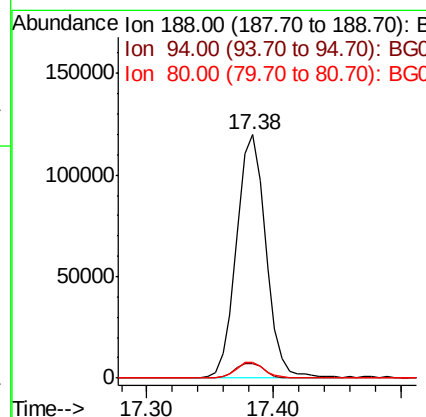
Manual Integrations
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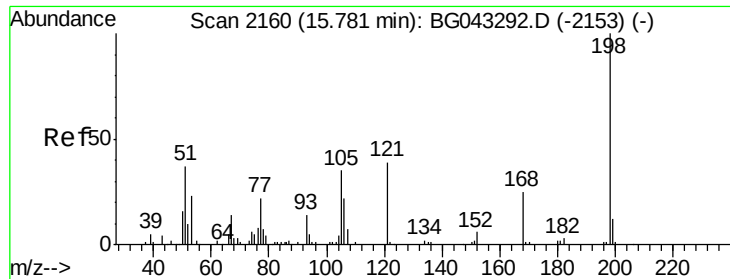
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		192291		
94	5.8	4.2	6.4		
80	6.4	4.5	6.7		





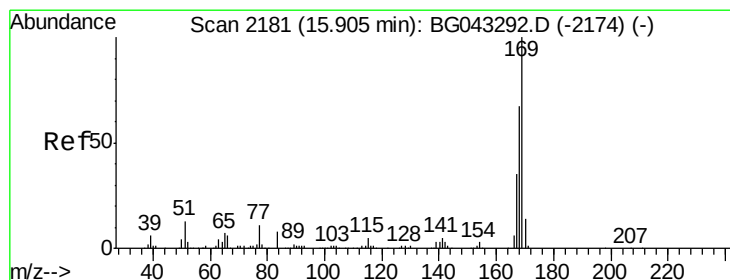
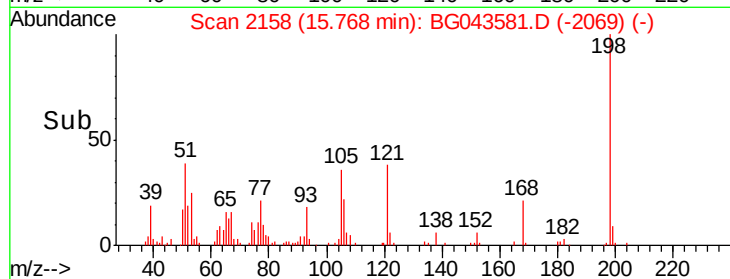
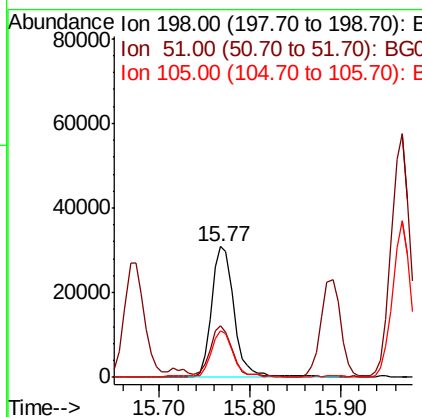
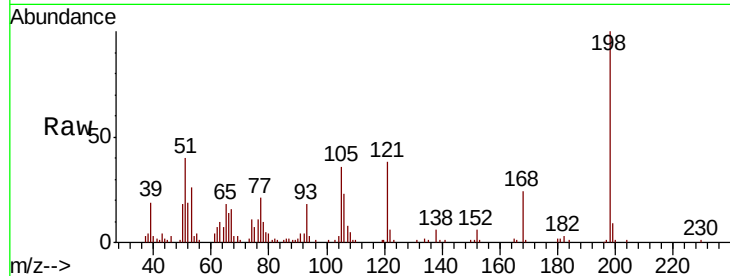
#65
4,6-Dinitro-2-methylphenol
Concen: 47.553 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	53813		
51	39.6		13.2	53.2
105	35.8		15.8	55.8

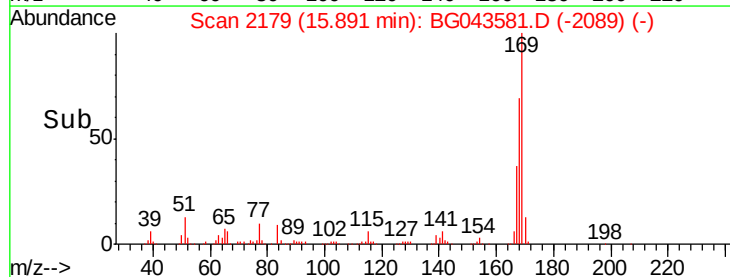
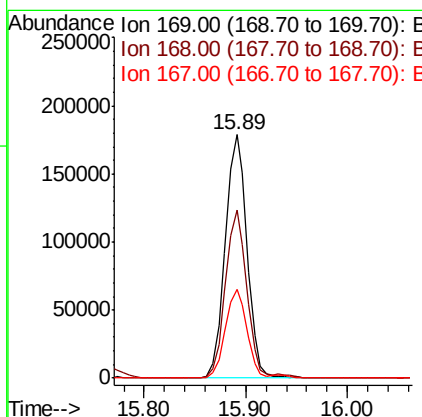
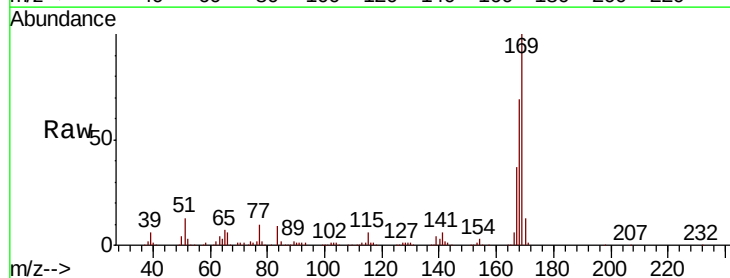
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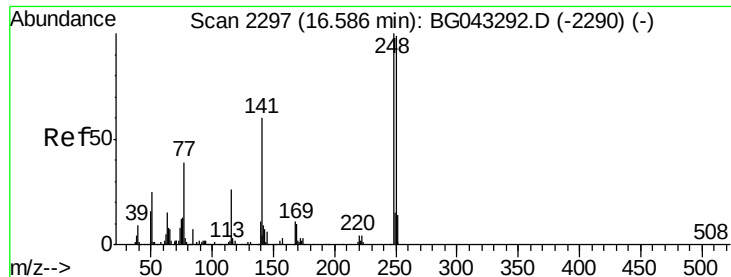
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#66
n-Nitrosodiphenylamine
Concen: 48.963 ng
RT: 15.89 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	265815		
168	69.2		53.8	80.6
167	36.7		27.5	41.3





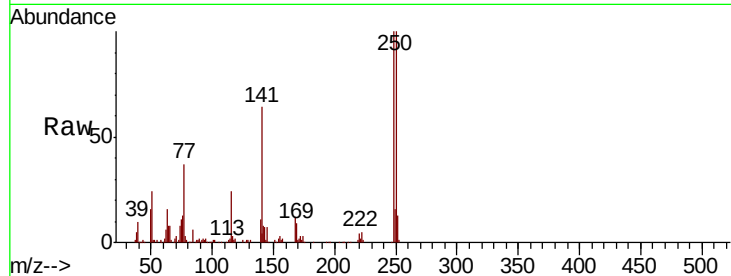
#67
4-Bromophenyl-phenylether
Concen: 46.127 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.8	77.0	115.4
141	63.9	47.5	71.3

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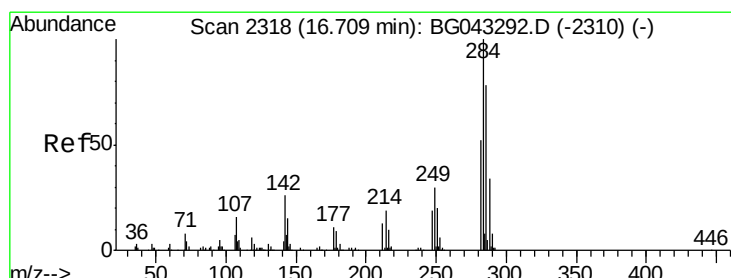
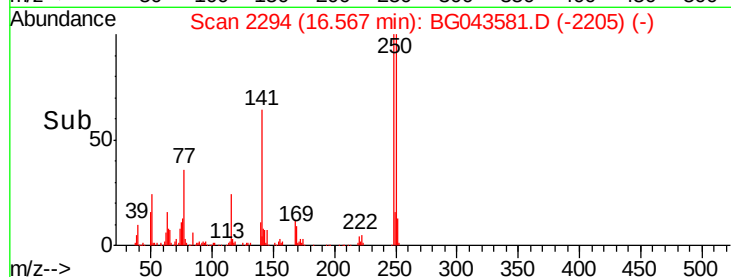
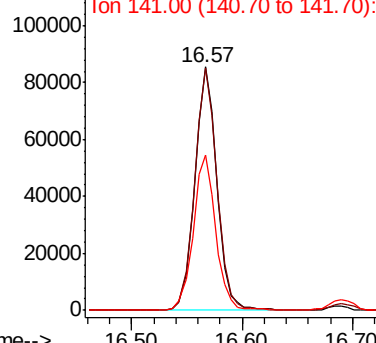


Abundance

Ion 248.00 (247.70 to 248.70): E

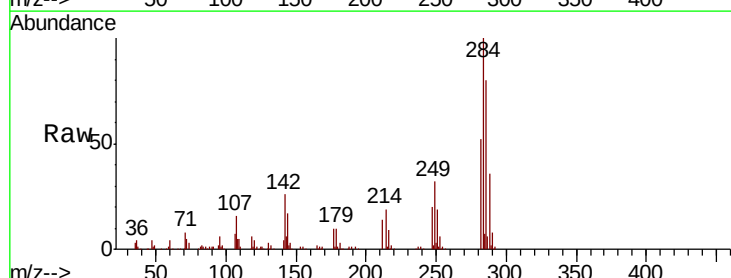
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 45.517 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.2	19.8	29.8
249	31.5	23.8	35.6

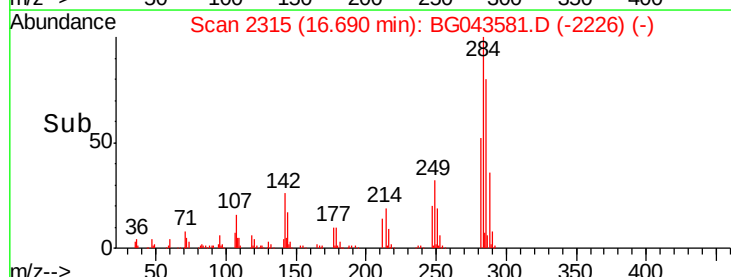
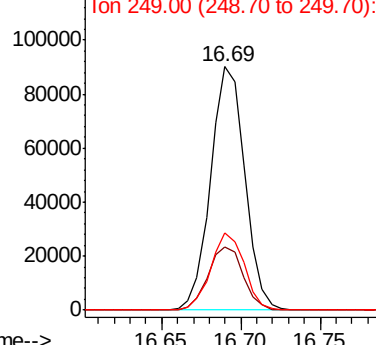


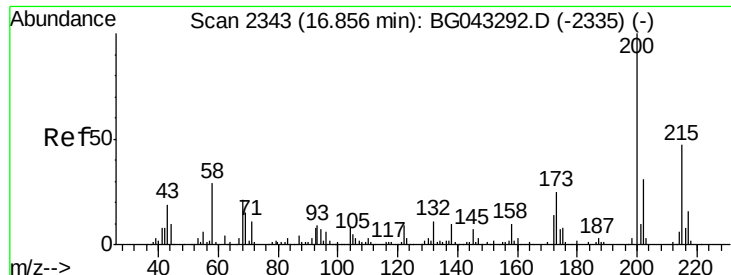
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





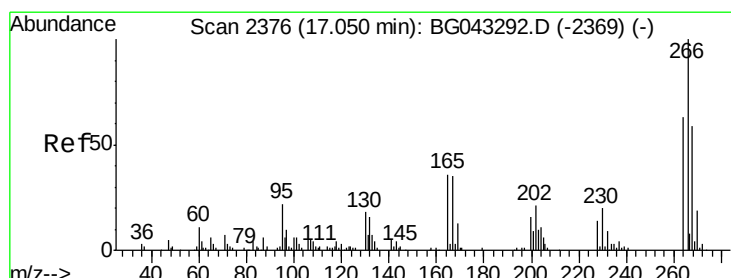
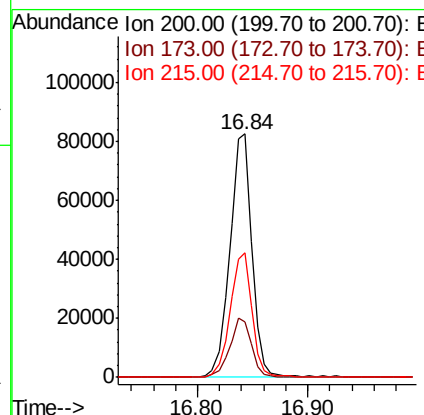
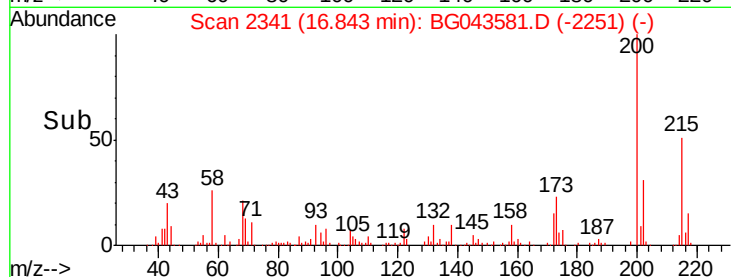
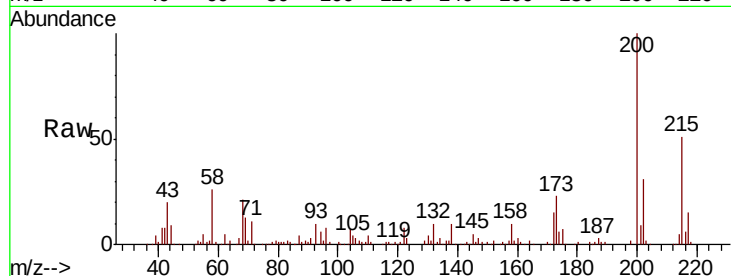
#69
 Atrazine
 Concen: 61.464 ng
 RT: 16.84 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: BG043581.D
 Acq: 8 Nov 2019 22:32

Instrument :
 BNA_G
 ClientSampleId :
 SB-38-(2-4)MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.9	4.7	44.7
215	51.2	28.5	68.5

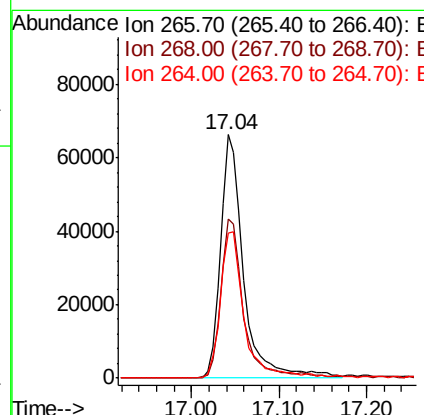
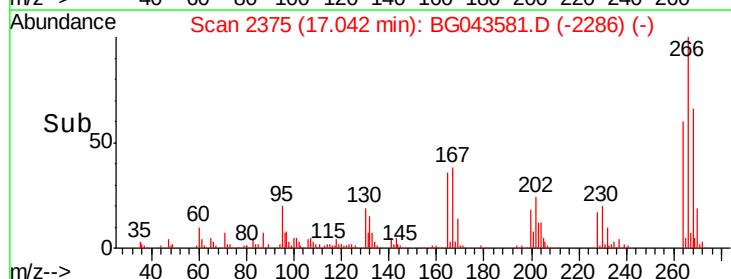
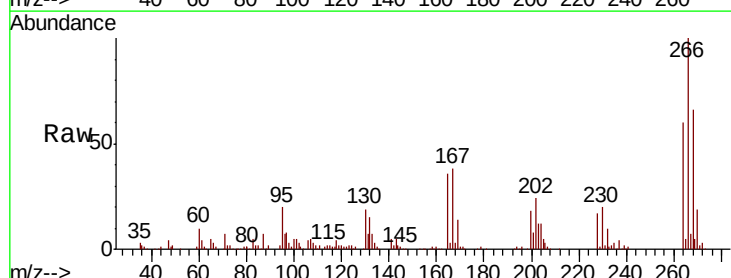
Manual Integrations
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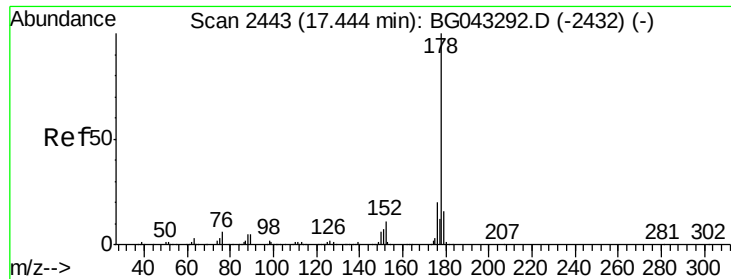
mohammad
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#70
 Pentachlorophenol
 Concen: 89.594 ng
 RT: 17.04 min Scan# 2375
 Delta R.T. -0.01 min
 Lab File: BG043581.D
 Acq: 8 Nov 2019 22:32

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	50.4	75.6
264	59.8	48.9	73.3





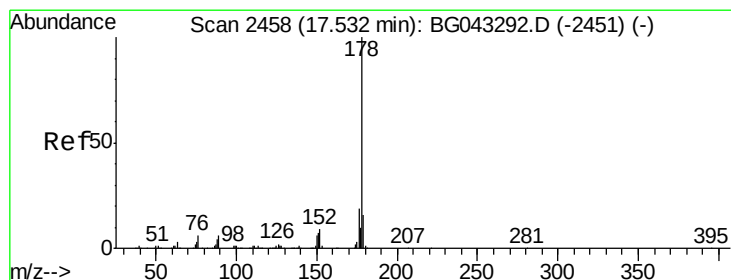
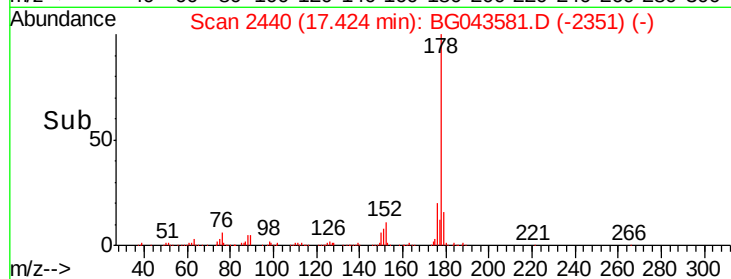
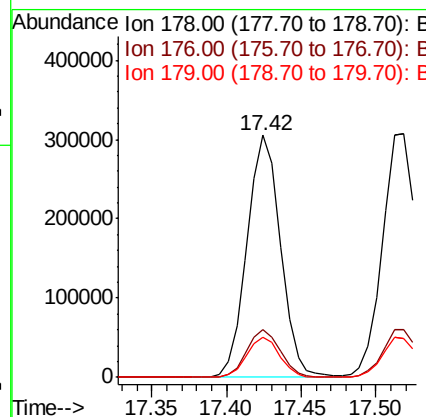
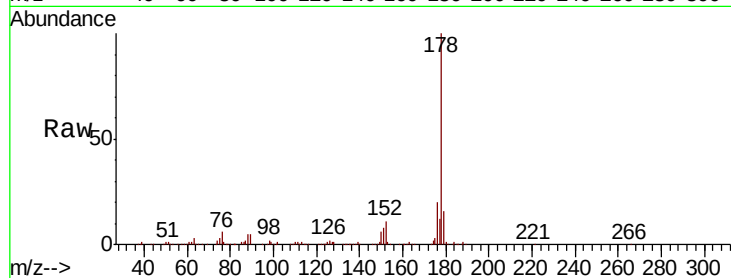
#71
Phenanthrene
Concen: 48.267 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.0
179	16.3	13.0	19.6

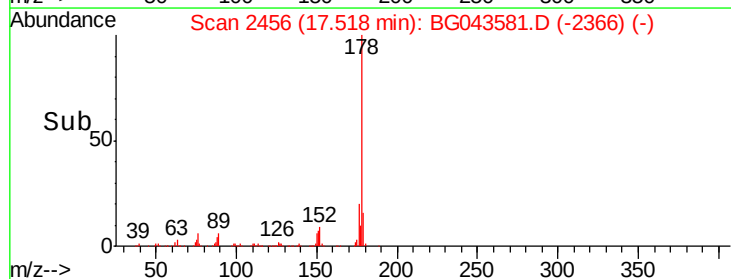
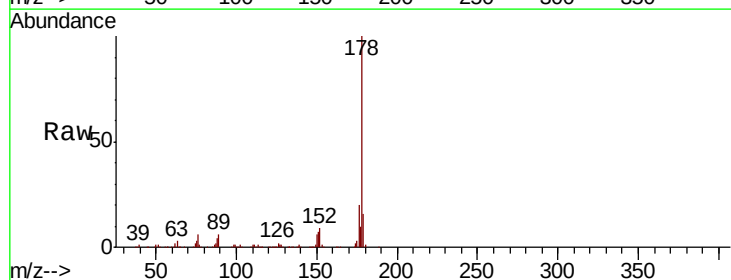
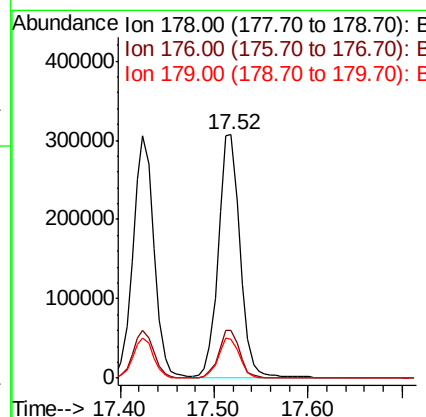
Manual Integrations
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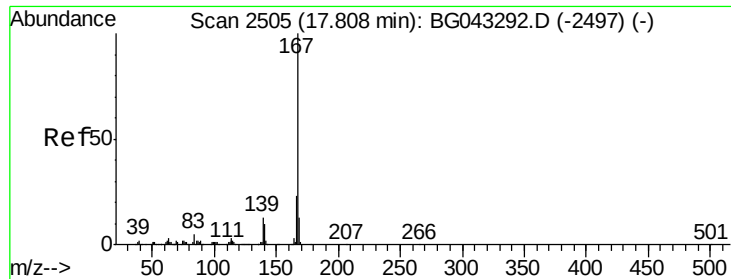
mohammad
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#72
Anthracene
Concen: 50.504 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	16.0	13.7	20.5





#73

Carbazole

Concen: 49.506 ng

RT: 17.79 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BG043581.D

Acq: 8 Nov 2019 22:32

Instrument :

BNA_G

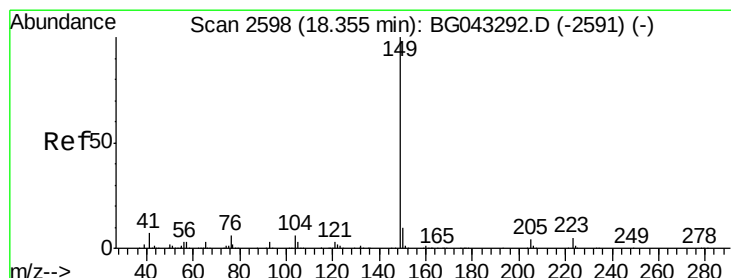
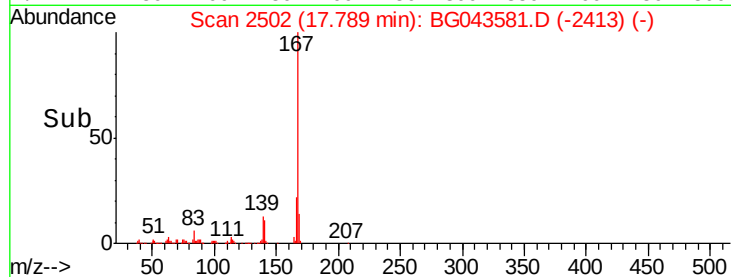
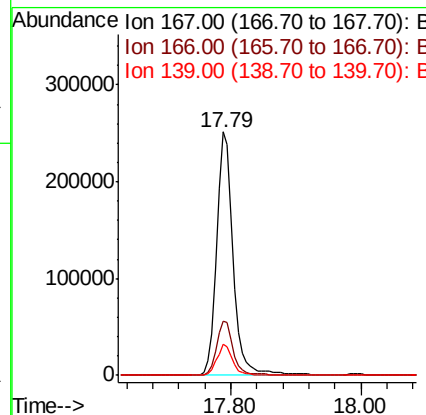
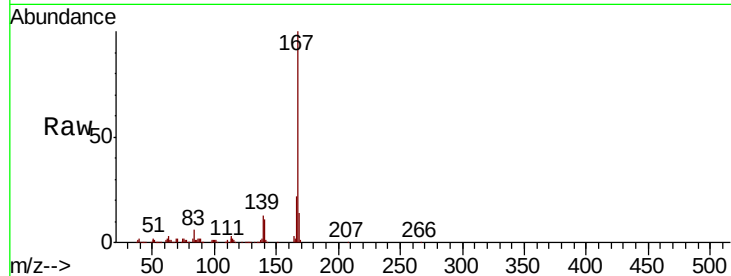
ClientSampleId :

SB-38-(2-4)MSD

Tot Ion:	167	Resp:	441669
Ion Ratio	Lower	Upper	
167	100		
166	22.3	18.7	28.1
139	12.8	10.0	15.0

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#74

Di-n-butylphthalate

Concen: 47.561 ng

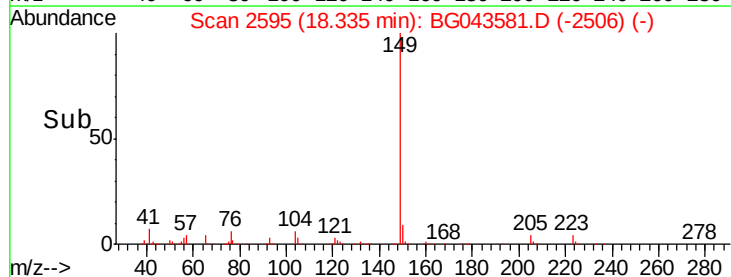
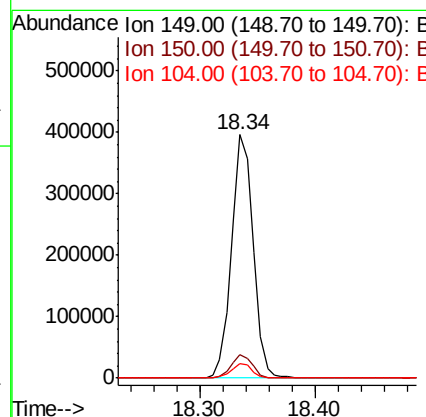
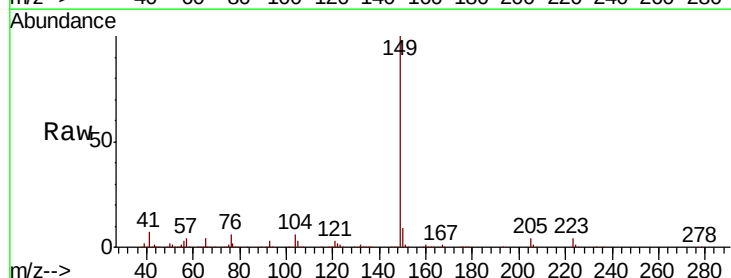
RT: 18.34 min Scan# 2595

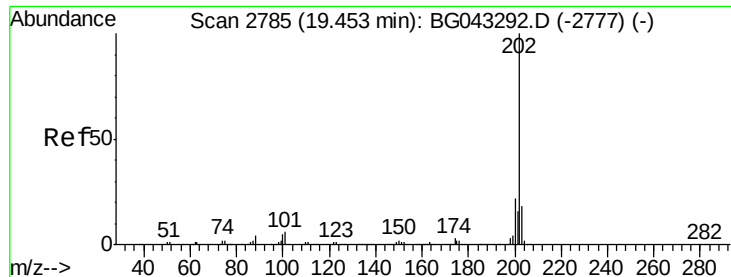
Delta R.T. -0.01 min

Lab File: BG043581.D

Acq: 8 Nov 2019 22:32

Tgt Ion:	149	Resp:	514856
Ion Ratio	Lower	Upper	
149	100		
150	9.4	8.0	12.0
104	6.1	4.4	6.6





#75

Fluoranthene

Concen: 47.806 ng

RT: 19.43 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BG043581.D

Acq: 8 Nov 2019 22:32

Instrument :

BNA_G

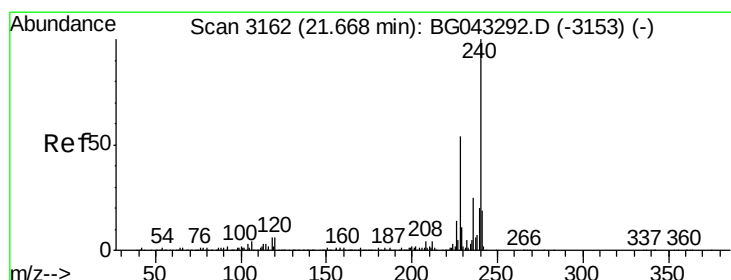
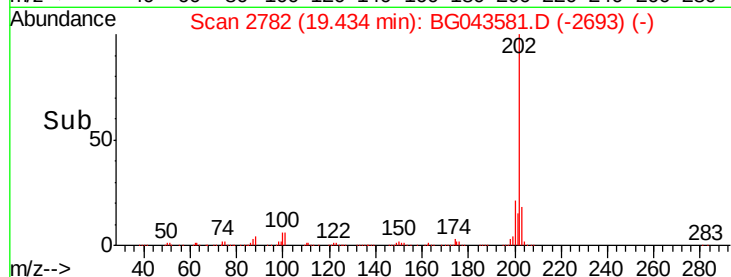
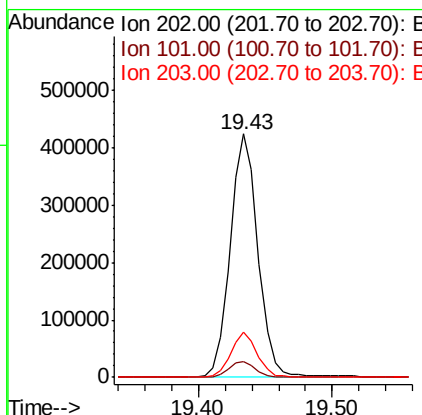
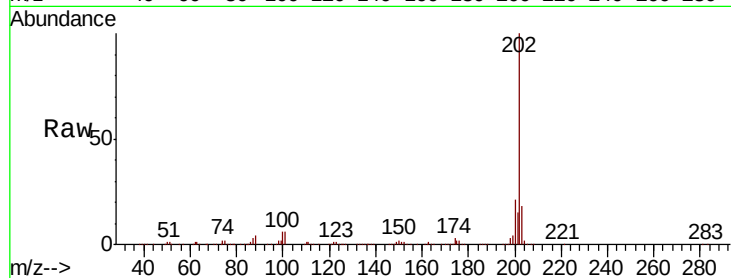
ClientSampleId :

SB-38-(2-4)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		613693		
101	6.5	0.0	26.3		
203	18.3	0.0	37.9		

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#76

Chrysene-d12

Concen: 20.000 ng

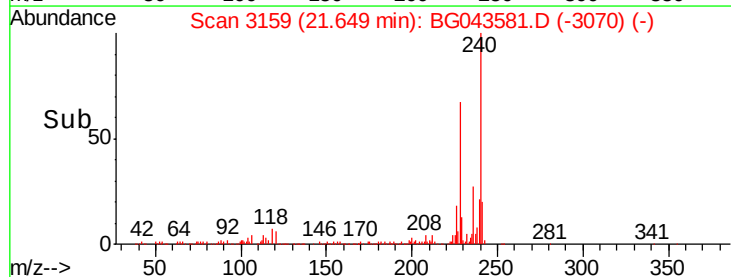
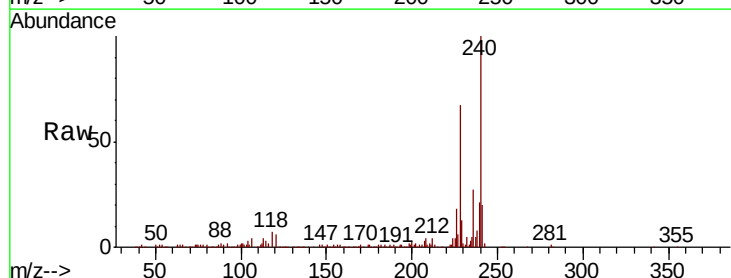
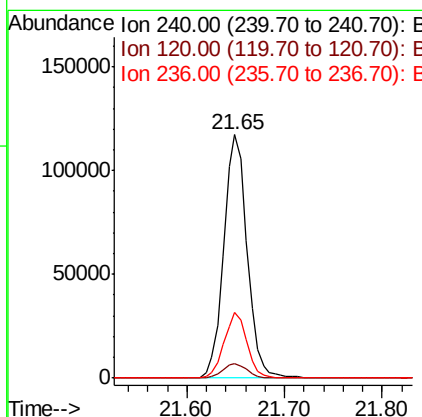
RT: 21.65 min Scan# 3159

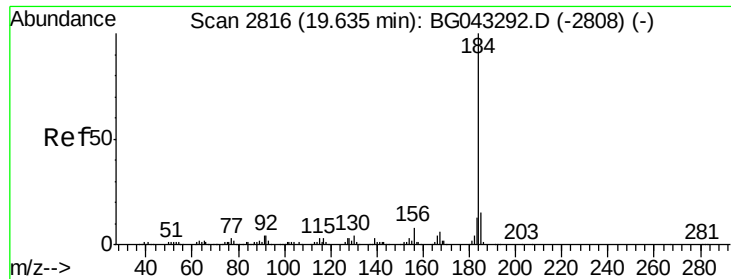
Delta R.T. -0.01 min

Lab File: BG043581.D

Acq: 8 Nov 2019 22:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		194731		
120	5.9	4.6	6.8		
236	26.9	19.8	29.8		





#77

Benzidine

Concen: 46.539 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG043581.D

Acq: 8 Nov 2019 22:32

Instrument :

BNA_G

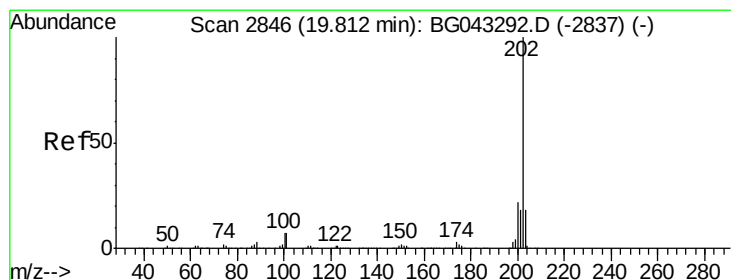
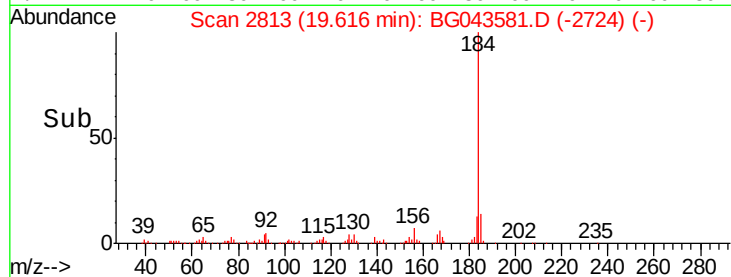
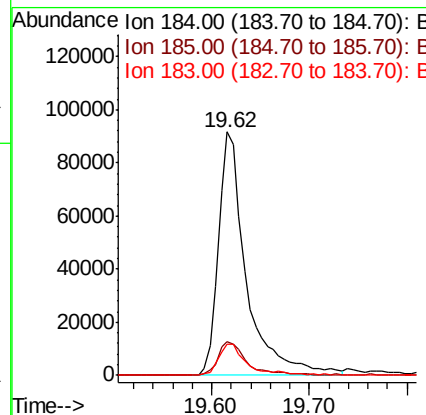
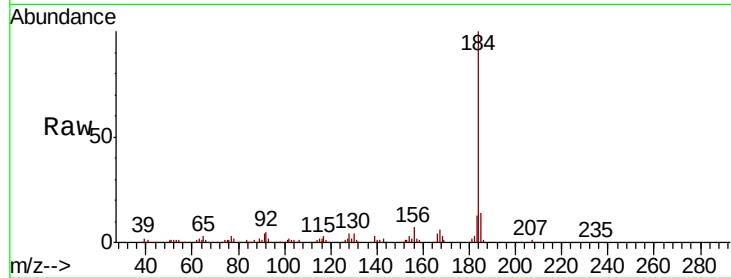
ClientSampleId :

SB-38-(2-4)MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.0	16.4
183	12.5	10.0	15.0

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#78

Pyrene

Concen: 51.750 ng

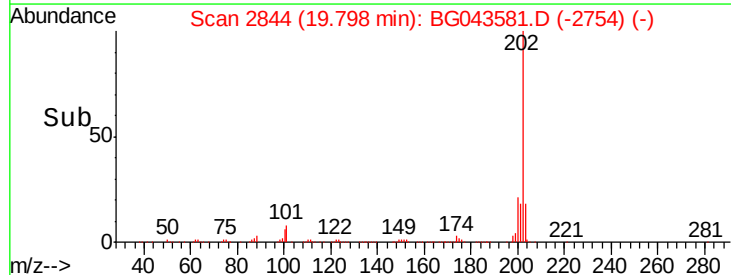
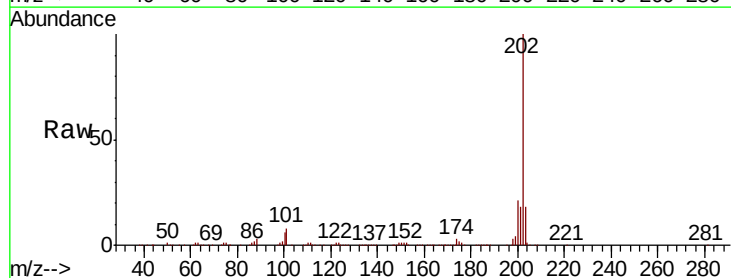
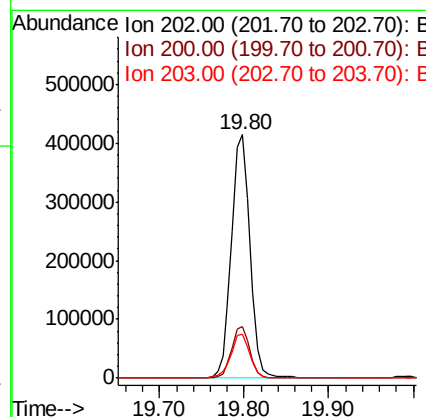
RT: 19.80 min Scan# 2844

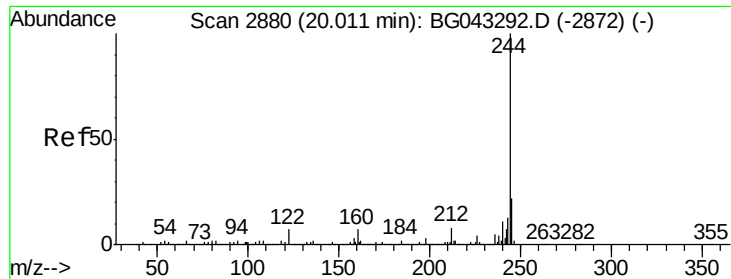
Delta R.T. -0.00 min

Lab File: BG043581.D

Acq: 8 Nov 2019 22:32

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	18.1	14.7	22.1





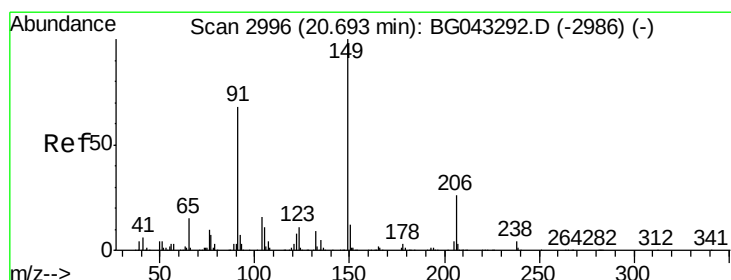
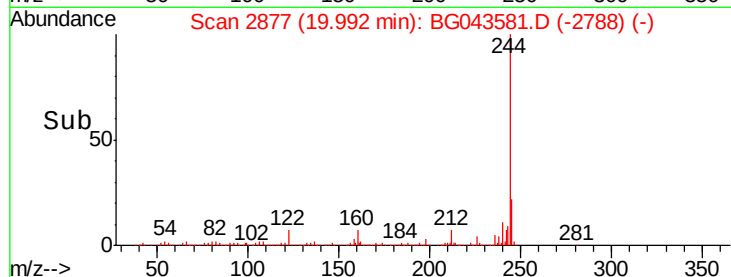
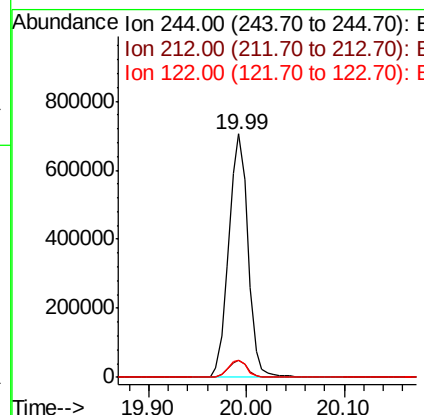
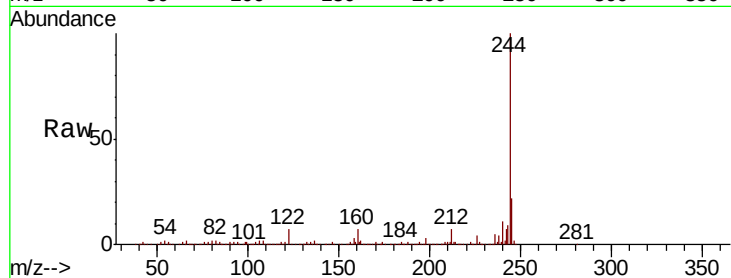
#79
 Terphenyl-d14
 Concen: 93.195 ng
 RT: 19.99 min Scan# 2877
 Delta R.T. -0.01 min
 Lab File: BG043581.D
 Acq: 8 Nov 2019 22:32

Instrument :
 BNA_G
 ClientSampleId :
 SB-38-(2-4)MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	6.8	5.4	8.2

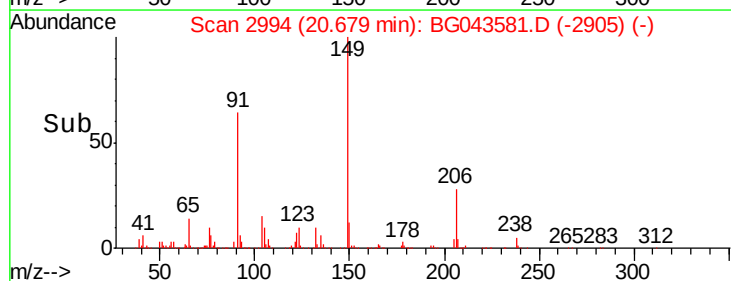
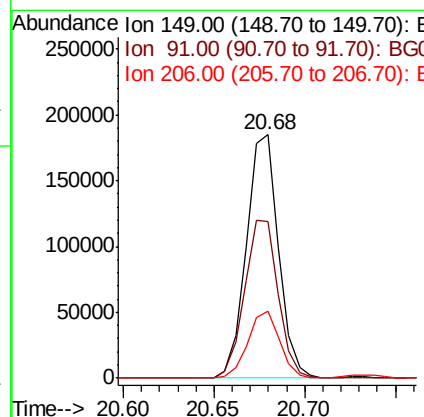
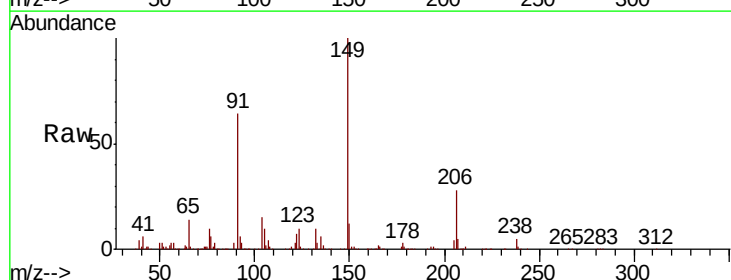
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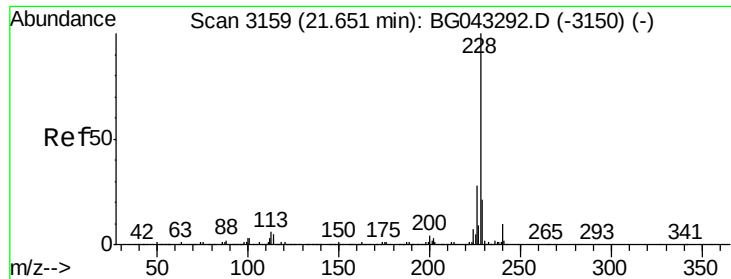
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#80
 Butylbenzylphthalate
 Concen: 49.730 ng
 RT: 20.68 min Scan# 2994
 Delta R.T. -0.01 min
 Lab File: BG043581.D
 Acq: 8 Nov 2019 22:32

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.4	51.2	76.8
206	27.7	22.5	33.7





#81

Benzo(a)anthracene

Concen: 51.057 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG043581.D

Acq: 8 Nov 2019 22:32

Instrument :

BNA_G

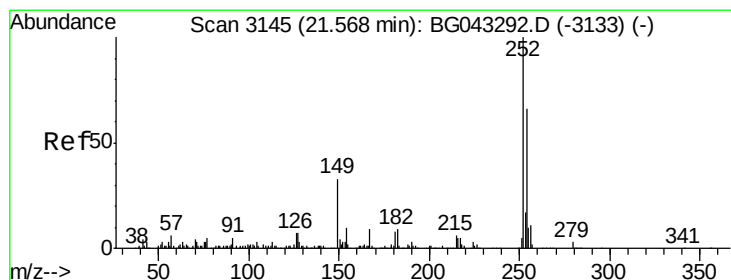
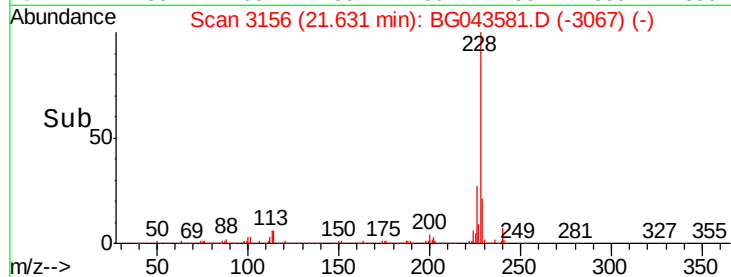
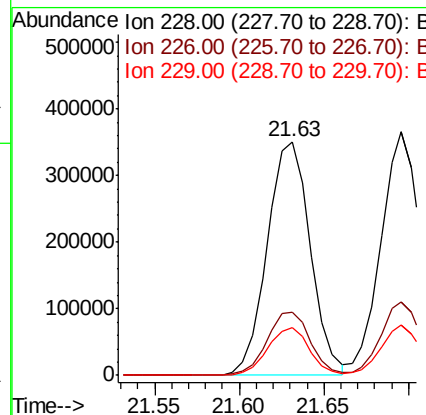
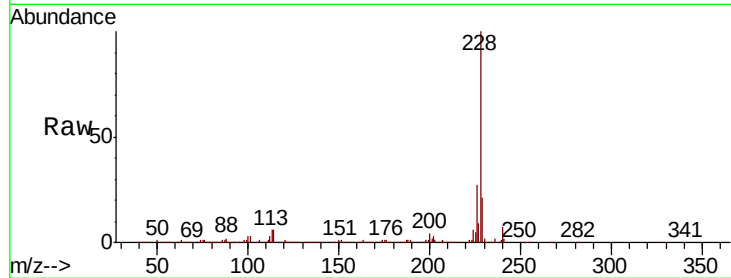
ClientSampleId :

SB-38-(2-4)MSD

Tot Ion:	228	Resp:	622779
Ion Ratio	Lower	Upper	
228	100		
226	27.0	22.2	33.2
229	20.5	17.0	25.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 26.643 ng

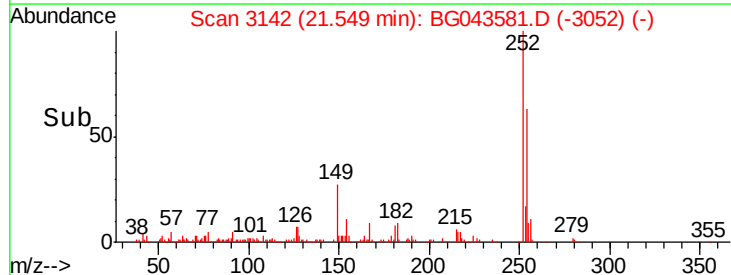
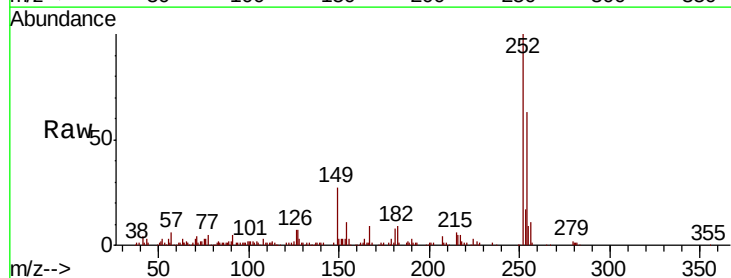
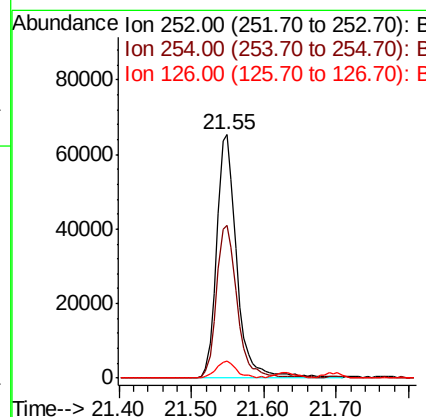
RT: 21.55 min Scan# 3142

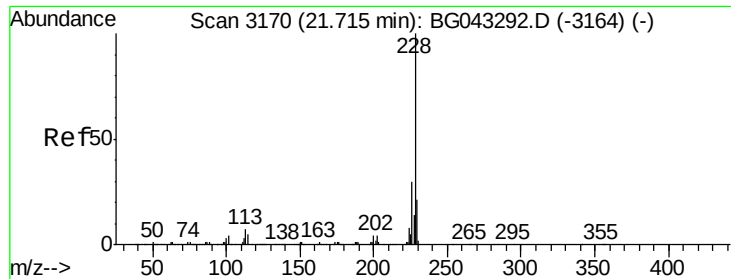
Delta R.T. -0.00 min

Lab File: BG043581.D

Acq: 8 Nov 2019 22:32

Tgt Ion:	252	Resp:	125699
Ion Ratio	Lower	Upper	
252	100		
254	62.7	50.8	76.2
126	7.2	6.1	9.1





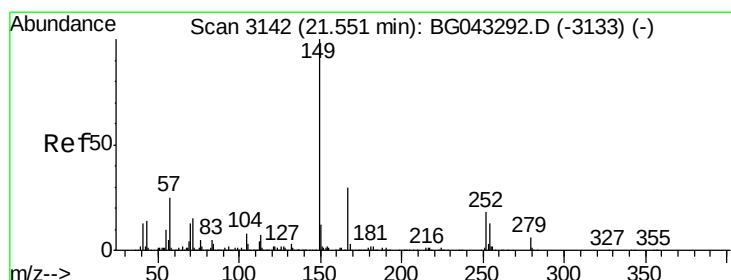
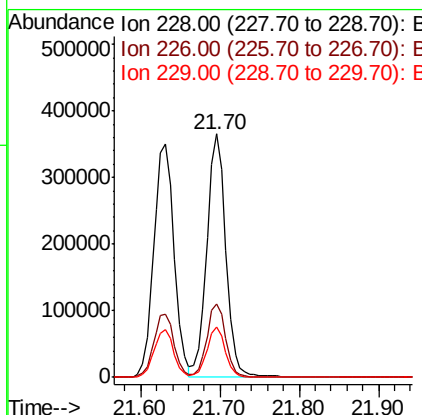
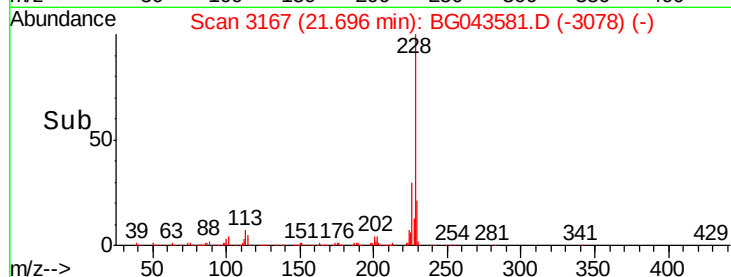
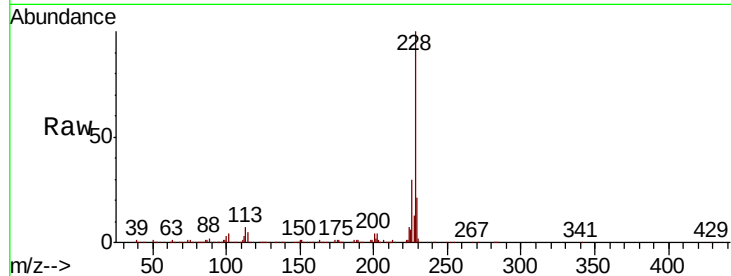
#83
Chrysene
Concen: 50.346 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.1	37.7
229	20.7	17.0	25.4

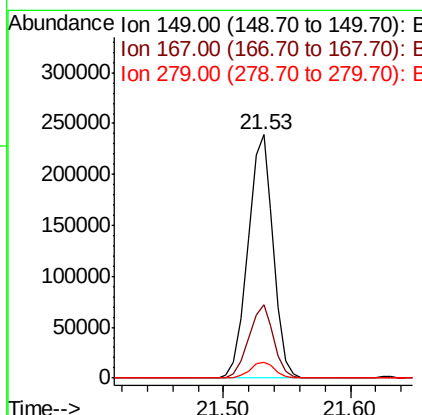
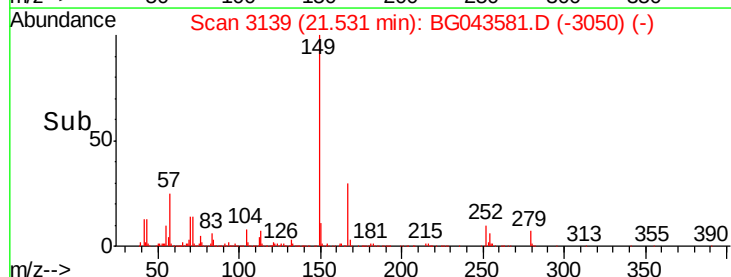
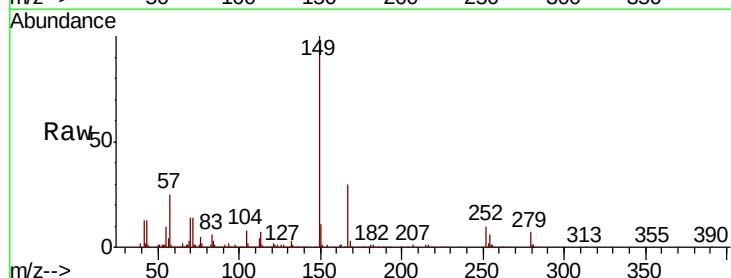
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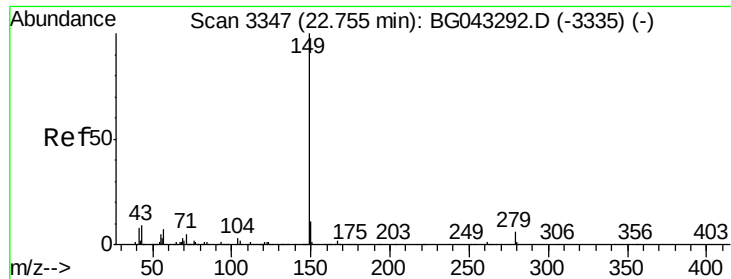
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#84
Bis(2-ethylhexyl)phthalate
Concen: 50.681 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.2	24.0	36.0
279	6.6	5.4	8.2





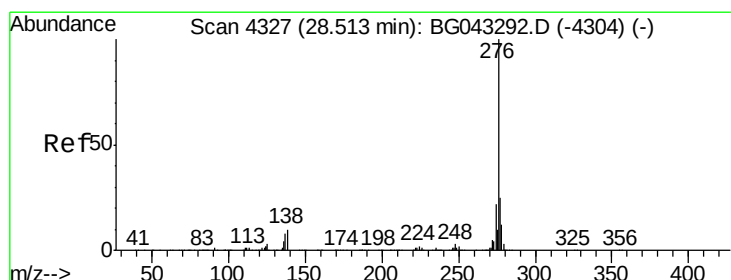
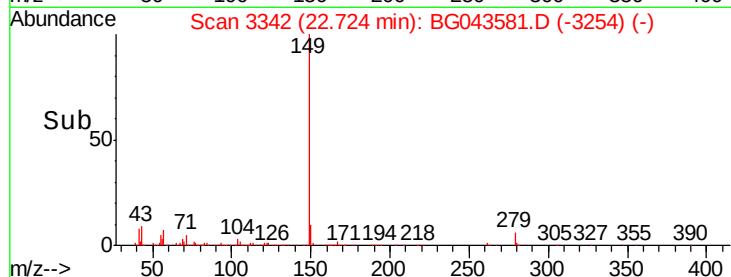
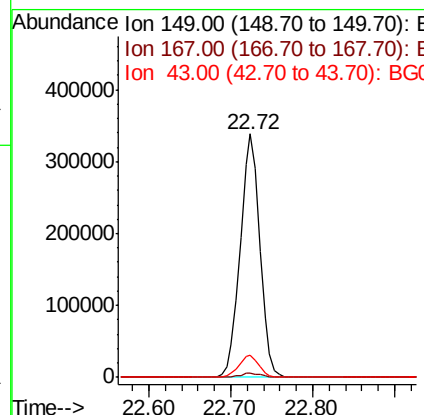
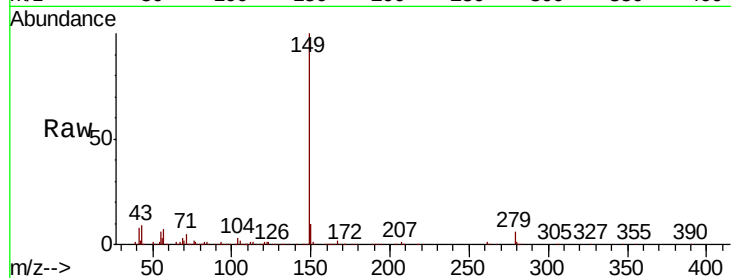
#85
Di-n-octyl phthalate
Concen: 51.495 ng
RT: 22.72 min Scan# 3342
Delta R.T. -0.01 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Instrument :
BNA_G
ClientSampleId :
SB-38-(2-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	566737		
167	1.8		1.4	2.2
43	8.6		7.0	10.6

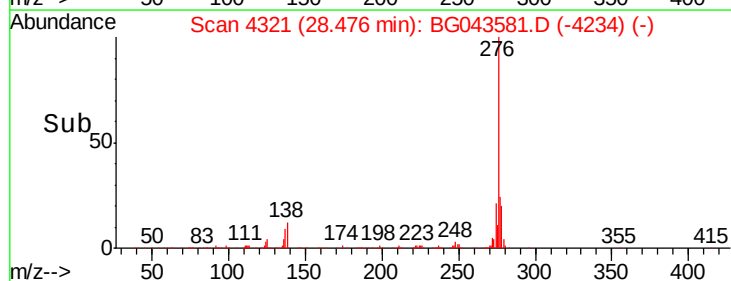
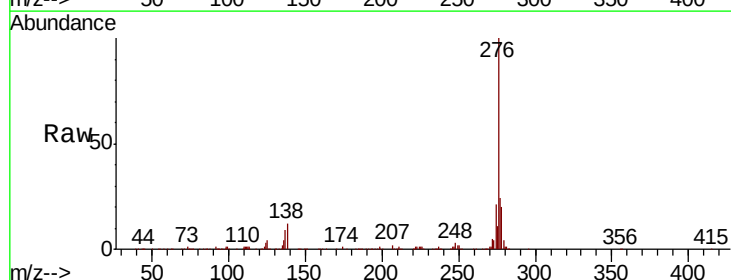
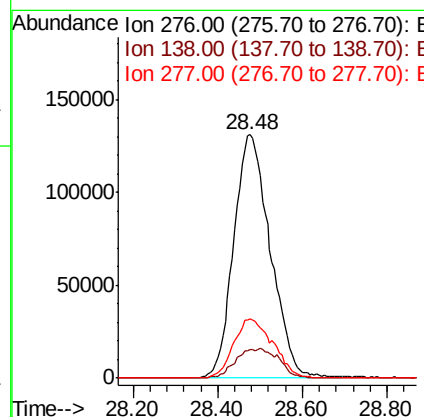
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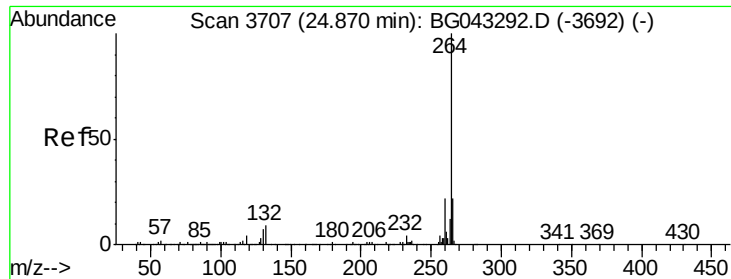
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 51.666 ng
RT: 28.48 min Scan# 4321
Delta R.T. -0.02 min
Lab File: BG043581.D
Acq: 8 Nov 2019 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	785995		
138	6.8		6.8	10.2#
277	26.2		20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.84 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG043581.D

Acq: 8 Nov 2019 22:32

Instrument :

BNA_G

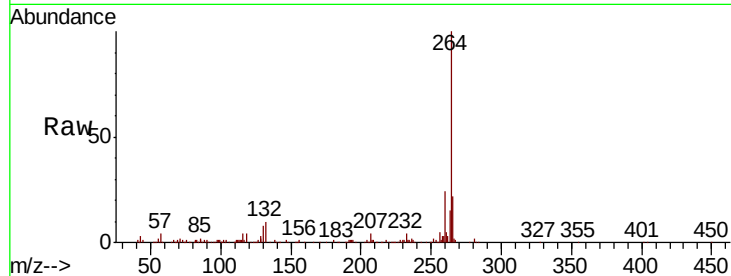
ClientSampleId :

SB-38-(2-4)MSD

Tot Ion:	264	Resp:	230364
Ion Ratio		Lower	Upper
264	100		
260	24.1	17.5	26.3
265	22.2	17.4	26.0

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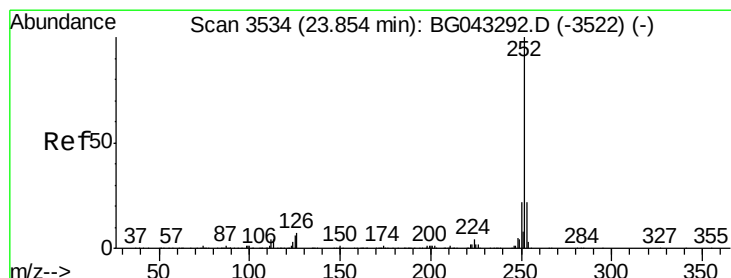
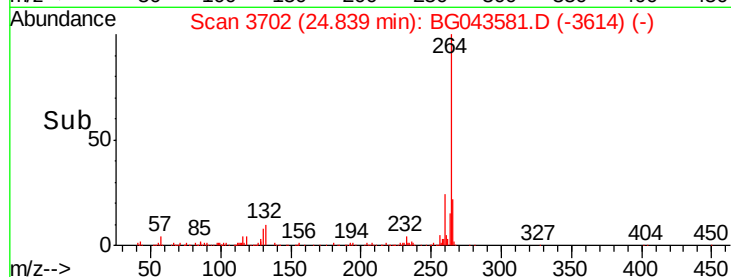
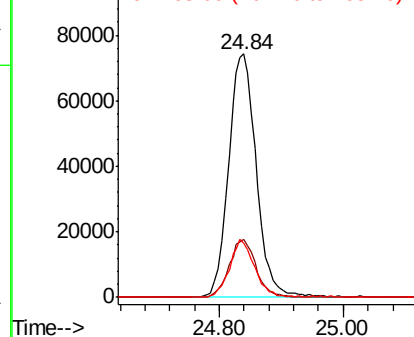


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.957 ng

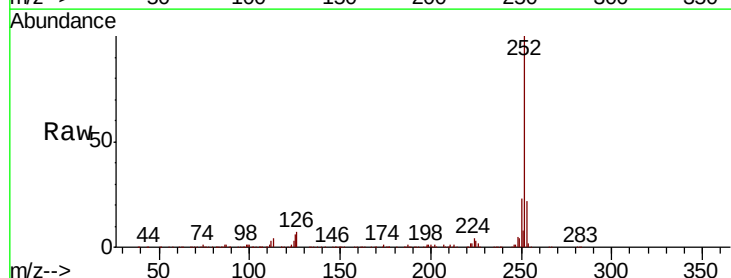
RT: 23.83 min Scan# 3530

Delta R.T. -0.01 min

Lab File: BG043581.D

Acq: 8 Nov 2019 22:32

Tgt Ion:	252	Resp:	638743
Ion Ratio		Lower	Upper
252	100		
253	22.3	17.7	26.5
125	5.8	4.5	6.7

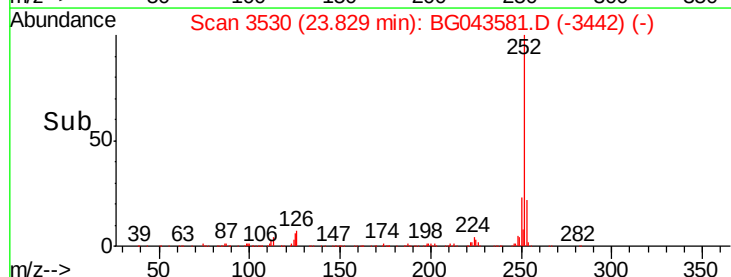
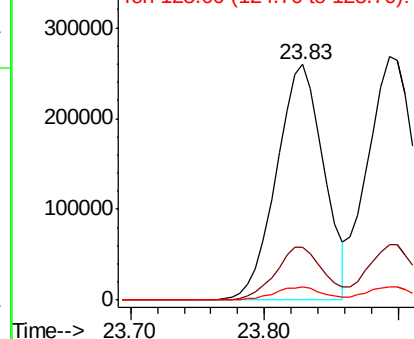


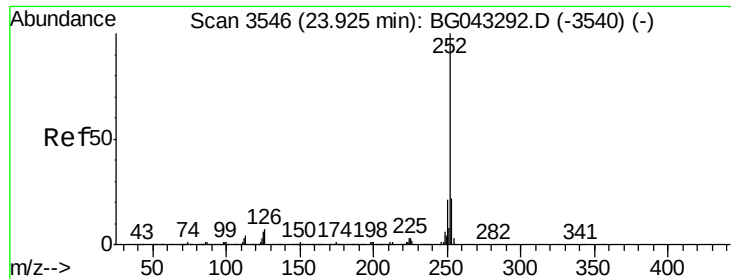
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 49.580 ng

RT: 23.89 min Scan# 3541

Delta R.T. -0.01 min

Lab File: BG043581.D

Acq: 8 Nov 2019 22:32

Instrument :

BNA_G

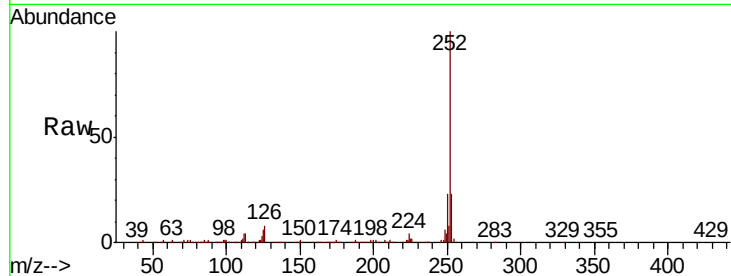
ClientSampleId :

SB-38-(2-4)MSD

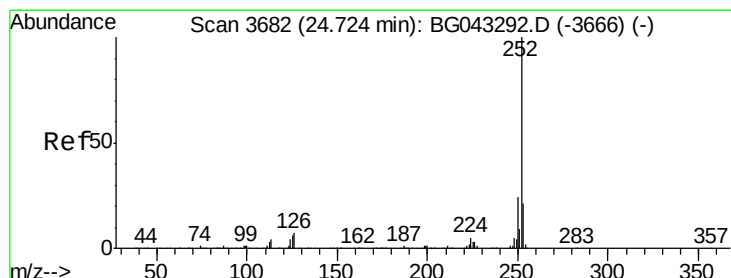
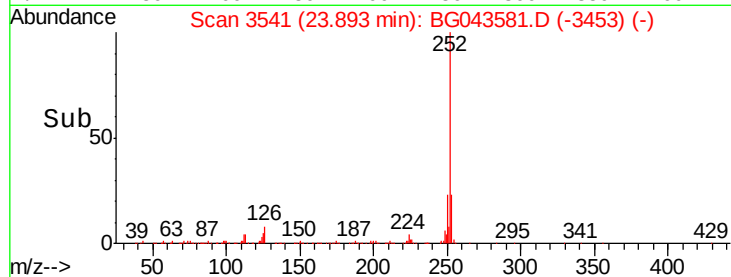
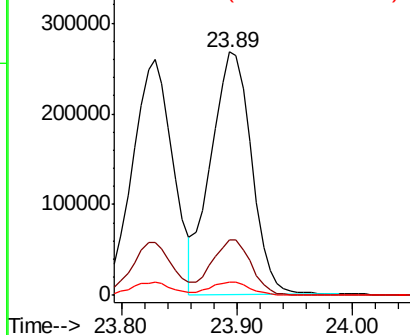
Tot Ion:	252	Resp:	651218
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.3	25.9
125	5.5	4.6	6.8

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 49.098 ng

RT: 24.69 min Scan# 3676

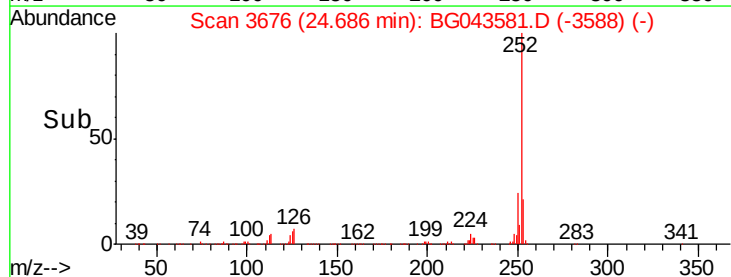
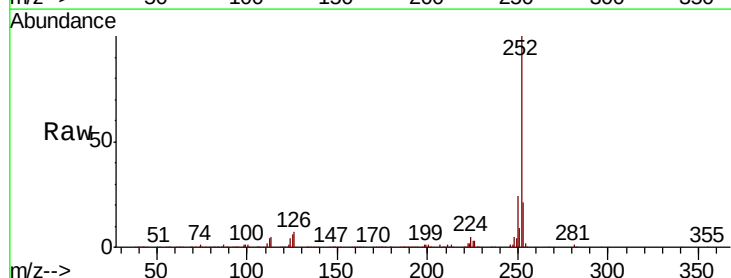
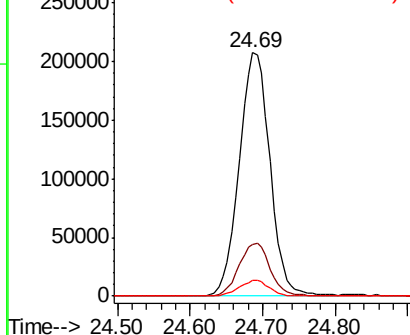
Delta R.T. -0.01 min

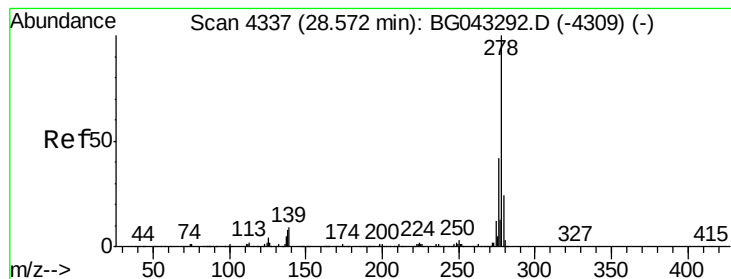
Lab File: BG043581.D

Acq: 8 Nov 2019 22:32

Tgt Ion:	252	Resp:	611719
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.8	26.8
125	6.4	5.4	8.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 52.004 ng

RT: 28.53 min Scan# 4331

Delta R.T. -0.02 min

Lab File: BG043581.D

Acq: 8 Nov 2019 22:32

Instrument :

BNA_G

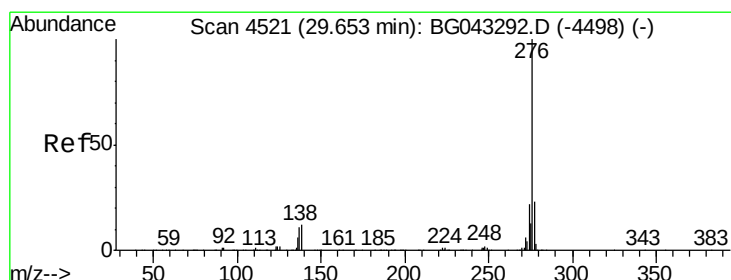
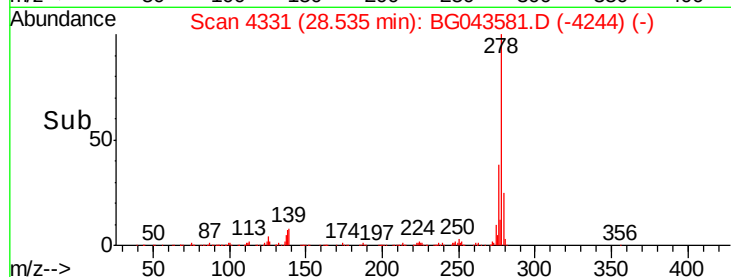
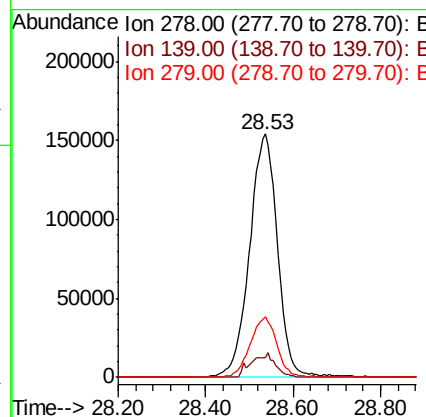
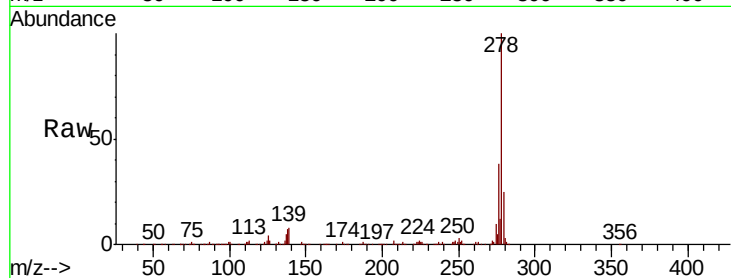
ClientSampleId :

SB-38-(2-4)MSD

Tot Ion:	278	Resp:	662722
Ion Ratio	Lower	Upper	
278	100		
139	8.3	7.4	11.0
279	24.8	19.1	28.7

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 52.665 ng

RT: 29.62 min Scan# 4516

Delta R.T. -0.01 min

Lab File: BG043581.D

Acq: 8 Nov 2019 22:32

Tgt Ion:	276	Resp:	662027
Ion Ratio	Lower	Upper	
276	100		
277	24.0	18.9	28.3
138	12.1	8.9	13.3

